

THE SKATING SYSTEM STUDY GUIDE

Martha Williams

Item 104. Under 21 Open Latin

From Item 98

Place			1	2	3	4	5	Points	
1	144	Demetri Meyers & Emily Zhang	Vic	1	2	2	1	1	7
2	117	Tristen Chilman & Ruby Campbell	WA	2	1	1	2	2	8
3	110	Luden Maart & Sabrina Serra	WA	3	3	3	3	3	15
4	73	Justin Rafol & Lilli Brennan	Vic	4	4	4	4	4	20
5		John Hawkins & Luisa Lekkas	NSW	5	5	5	5	5	25
6		... & Masha Basman	NSW	6	6	6	6	6	30

... - Tas

... - WA

C. Patrick Lui - Vic

G. Michael Baker - WA

D. Stephen Odrigan - Vic

H. Sherrie McGrath - NSW

Item 96. Masters II & III Open Standard - Semi

Recalls	Number	Couple Name
54	181	David Powell & Eisa Marian
54	66	Peter Matthews & Susan Matthews
51	26	Michael O'Reilly & Kim Foster
48	54	Kassie Naicker & Naumee Naicker
48	74	Paul Raleigh & Micki Raleigh
37	34	Ivan Ciurlino & Elizabeth Ciurlino
2	87	Oryst Tkacz & Janet Tkacz
	178	Frank Martuccio & Jenni Walker
	43	Jacques Klop & Yvonne Klop
	191	Donald Hew & Lily Burton

DSA DANCE Wollongong
Sunday 23rd June 2019
Item 104 Under 21 Open Latin
Round 1

The Skating System Study Guide

Martha Williams

Skating System Study Guide

By Martha Williams

Contents

Introduction	4
History	4
How to use the Study Guide	5
Tutorial 1	6
The Skating System Rules	6
Adjudicator Marks – Qualifying Rounds	7
Adjudicator Marks – The Final	11
Homework	12
Tutorial 2	13
Basic concepts of “Majority” and “Most”	13
The Single Dance Worksheet	14
How to Scrutineer Single Dances	15
Homework	18
Answers	24
Tutorial 3	31
Breaking Majority Ties in Single Dances	31
What if no couples receive a majority?	35
How to allocate tied place markings.	36
Homework	38
Answers	47
Tutorial 4	56
The Final Summary	56
Scrutineering multi-dance events (Rule 9)	59
Homework	61
Revision	64
Answers	68
Revision Answers	71
Tutorial 5	75
Rule 10 basics and why is it unique?	75
The Basic Rule 10 calculation	76

Couples with equal place marks	79
Dealing with multiple Rule 10 ties	81
How to deal with 1/2 marks (fractions)	83
When do we apply Rule 11?	85
Homework.....	88
Answers.....	93
Tutorial 6	98
What is Rule 11?	98
Procedure for applying Rule 11	99
(a) Dealing with ties between 2 Couples	99
(b) The Second Inspection - Dealing with multiple Rule 11 ties.....	104
What if Couples remain tied?	107
Tips to help with accuracy	107
Homework.....	107
Answers.....	114
Tutorial 7	120
Revision of Skating System Rules	120
Ten Dance Competitions	122
Homework.....	123
Answers.....	133
Tutorial 8	143
Scope of the Examination.....	143
Examination rules and requirements	144
Study tips for the Examination	144
Homework.....	145
Answers.....	170

Introduction

History

The Skating System is recognised worldwide as the standard scoring method used to award results for DanceSport competitions. It was developed as a specialised system to calculate marks when multiple couples were being judged on the floor simultaneously.

Invention of the Skating System started in the early 1900s at a time when many competitions were decided by a sole Adjudicator casting a single vote. Competition organisers were under increasing pressure to provide a plausible and solid system which produced objective and credible results. It is believed that the first major competition to use an early form of the Skating System was the 1937 British Championship in Blackpool. After several years of development, the Official Board of Ballroom Dancing approved the system on 1st January 1947 as the official formula of scoring.

The initial set of Skating System rules comprised of 10 official rules which are still the foundation methods we use today. A number of amendments were made during the next decade including several clarifications during the Official Board meeting in 1948. A final update in 1956 was made when Rule 11 became the elaborate tie breaking tool to help minimise couples drawing with the same place mark.

The first computerised program to automate the Skating System was “DanceScore”, developed by Dallas Williams from Australia in 1982. Since then, advancement of wireless devices, servers and wireless networks have greatly increased the speed and accuracy of the system. Scrutineers are now employed around the world to produce instant results that can be uploaded online for the world to see within milliseconds.

Scrutineers, like Adjudicators and Chairpersons, hold an incredible responsibility to a sensitive service in the dancing fraternity. Their need to hold a credible accreditation with their respective member bodies around the world is now overwhelming. Despite all results being calculated instantly by computers, Scrutineers remain responsible for double checking the accuracy of all results in the unlikely instance of a computer glitch or failure. They also often end up with the unenviable task of explaining to parents, couples and spectators how results are calculated. Scrutineers must therefore have a thorough knowledge of the Skating System.

The aim of this Study Guide is to provide a learning method for the Skating System fundamentals and develop the necessary tools needed to pass an accredited Skating System Examination.

How to use the Study Guide

Producing a documented study guide to suit every Scrutineer around the world interested in becoming qualified has proven to be a difficult task. Prior education, background knowledge, experience and study practices vary from person to person. For this reason, the study guide has been developed as a series of tutorials.

Each tutorial consists of the following components:

- A scope of planned learning
- Lessons on the specific topic with worked examples
- Homework
- Answers

Suggested study methods

Work through the tutorials in order. The Skating System must be studied in tutorial order as provided. The information taught in the earlier lessons are the fundamental tools needed to understand the procedures used in later lessons.

Do the homework exercises. It's important all Scrutineers work through as many homework exercises as possible. Repetitive drilling is the only successful way to achieve a long-lasting understanding of the Skating System. Everyone's learning experience is different, and some people may need to repeat the exercises more than once.

Check your answers. We would suggest you check your answers to monitor your progress. If you are consistently coming up with the wrong answer you will need to re-study the tutorial lessons.

Time frame of course - It is suggested you set aside a specific time frame to work through the study guide. Best results are achieved by studying approximately one tutorial per week.

Exam date - Like every examination, study is highly recommended immediately prior to sitting your exam. If you have worked through the Study Guide and your exam is several days, weeks or months later then you would be wise to restudy and work through the sample examination sheets again.

Study Guide requirements

The only requirements needed to complete this study guide is a pencil, sharpener, eraser and watch.

Tutorial 1

Welcome to the first tutorial and congratulations on your decision to study Scrutineering and the Skating System. In this introductory tutorial we will cover the following topics:

1. Become familiar with the overall scope of the Skating System rules.
2. Study Rules 1-4 which cover the system used for marking of Adjudicators' cards and calculation of results for all rounds other than the final.

The content covered in this tutorial will not be included in the examination however it is essential to have a thorough understanding of these basic concepts in your capacity as a Scrutineer. As a fortunate consequence, Tutorial 1 does not include any required homework exercises on completion.

The Skating System Rules

The Skating system is made up of 11 rules that determine how Adjudicator marks are collected and processed during a competition. Specific scrutineering rules govern different aspects of the competition and a brief outline is listed below.

- **Rules 1 – 4 The Adjudicators' Marks**

These rules refer to the marking of Adjudicators' cards and how to determine recalls for all rounds prior to a final.

- **Rules 5-8 Single Dance Calculations**

Rules which refer to the calculation of results for a single dance.

- **Rule 9 Multi Dance Calculations (Final Summary)**

Final summary calculations of overall place marks for multi dance events.

- **Rule 10 Breaking ties in the final summary**

This rule is applied when two or more couples remain tied in the final summary of a multi dance event.

- **Rule 11 Ultimate tie breaking rule**

This rule is the ultimate tie breaking rule and is applied when two or more couples remain tied even after Rule 10 has been applied.

Adjudicator Marks – Qualifying Rounds

The first four rules of the Skating System refer to the marking of Adjudicators' Cards.

Although this process can be done either electronically or on paper, the rules still apply the same way regardless of the recording method. Rule 1 refers to all rounds up to and including the semi-final. Rules 2 to 4 refer to the final round.

Rule 1 *In all rounds each Adjudicator must vote for the number of couples as stipulated by the Chairman of Adjudicators.*

In other words, the Chairman of Adjudicators decides the number of couples to qualify for the next round of a competition, which is usually around 2/3 to 1/2 depending on the type of competition and time available, but normally no less than 1/2. Some countries or federations have rules governing recall numbers the Chairman must adhere to.

Each Adjudicator votes accordingly for their preferred couples. When a competition consists of more than one dance it's possible that a couple may be recalled in some dances but not others. Note also the Adjudicator may select the couples in no particular order, they do not necessarily mark the couples in order of merit.

Those couples with the greatest number of overall votes move to the next round. This rule applies to all qualifying rounds including quarter finals and semi-finals, the only exception being the final round.

Adjudicator and Scrutineering Calculation Sheets

Shown below are some actual examples of Adjudicator and Scrutineering calculation sheets used for rounds and semi-finals.

66 Tattersall's Australian DanceSport Championship
Recalling: 10 December 2018

Recall 6 Masters 2 Level 4 Standard Semi

	Waltz	Fox	Tango	Q.Step
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Adjudicator # 4
Cedric Meers (Vic)

X www.DanceSportPhoto.net

Example 1 – Example of a paper card an Adjudicator would be required to fill out for a quarter or semi-final round. As shown per the instructions, 6 couples are to be recalled by writing their back numbers in the spaces provided.

24. Demonstration Final

Samba & CCC

19. Fred Smith Dance 1. Samba

18	21	33
38	45	101
128	184	199
205	226	254

12
Couples

Recall 6
2

0
Selected

X

?

!

Cancel
Help
Reload

24. Demonstration Final

Samba & CCC

19. Fred Smith Dance 1. Samba

18	21	33
38	45	101
128	184	199
205	226	254

12
Couples

Recall 6
2

6
Selected

X

?

!

SAVE

Cancel
Help
Reload

Example 2 – This is an example of an electronic form displayed on a tablet device by the DanceScore Electronic Scrutineering System. Although all the information and instructions are displayed in much the same manner, the biggest difference here is the back numbers have been uploaded to the device ready for the Adjudicator to select. This removes the possibility of an Adjudicator recording an incorrect back number and ensures they recall the correct number of couples to the next round.

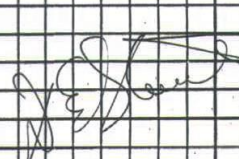
Recall Calculations

At the end of each round, all Adjudicators marks are collated into one table so that a tally of results can be made. For example, the table below shows the calculations for 12 couples in a semi-final consisting of 2 dances with 3 Adjudicators that have been asked to recall 6 couples to the final round. After collating all the results and their aggregates calculated, the Scrutineer selects couples to recall starting with the one scoring the highest aggregate and working down until the required number of couples are selected.

Couple No:	Samba			Dance Total	Jive			Dance Total	Total	Couples recalled
	Judge A	Judge B	Judge C		Judge A	Judge B	Judge C			
29	x	x	x	3	x			1	4	*
41	x		x	2		x	x	2	4	*
55		x		1	x	x	x	3	4	*
63	x	x	x	3	x	x	x	3	6	*
72	x	x	x	3	x	x	x	3	6	*
135				-				-	-	
139			x	1		x		1	2	
146	x	x		2				-	2	
178				-				-	-	
199			x	1		x	x	2	3	
201				-	x			1	1	
236	x	x		2	x		x	2	4	*

Shown below is a real example of a competition where the Chairperson requested Adjudicators to recall 20 couples over 4 dances through to the next round. In this preliminary round there is a clear cut off at 14 recall marks.

EVENT No. <u>1</u> COMPETITION <u>STRICTLY SENIORS CHAMPIONSHIP</u>		RECALL <u>20</u> OVER <u>4</u> HEATS TO																																		
VENUE <u>OPEN Modern 1st Rnd</u>		DATE <u>SEMI-FINAL</u> EVENT No. <u>8</u>																																		
COMPETITORS NUMBERS	<u>WALTZ</u>							<u>TANGO</u>							<u>FOXTROT</u>							<u>CHUNKY</u>							TOTAL No.							
	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	
7	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								19		
2	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								15		
18	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								19		
53	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								16		
3	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								19		
48	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								20		
38	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								15		
8	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								19		
27	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								18		
19	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								19		
24	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								20		
28	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								20		
12	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								18		
49	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								14		
11	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								20		
35	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								20		
45	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								18		
39	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								16		
41	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								17		
53	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								12		
52	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								2		
15	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								16		
6	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								5		
40	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								7		
9	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								1		
5	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								11		
20	/	/	/	/	/			/	/	/	/	/			/	/	/	/	/			/	/	/	/	/								2		



<p>ADJUDICATORS</p> <p>A <u>K. SMITH</u></p> <p>B <u>P. SMELTON</u></p> <p>C <u>F. JENYNS</u></p> <p>D <u>M. GATTY</u></p>	<p>COMPETITORS NUMBERS</p> <p>E <u>B. STANNING</u></p> <p>F _____</p> <p>G _____</p>
---	---

How to deal with ties

In instances when 2 or more couples are tied on equal scores, the Chairperson must be asked to make the necessary decision to either forward all the tied couples to the next round or none of them. It is not permissible to split the tied couples as they must all be treated equally.

This following example has been calculated electronically using the DanceScore Scrutineering Program and shows 3 couples all tying on 22 recall marks for the 6th spot into the final. Note rules defining tied recalls vary from country to country and federation. In this instance the Chairman chose to allow 8 couples move through to the final round.

2015 Crown International DanceSport Championship
Sunday 19 April - The Palladium at Crown

Item 96, Masters II & III Open Standard - Semi
To Item 121

Summary	Recalls	Number	Couple Name	DanceScore Copyright 1982-2013
1	54	181	David Powell & Elsa Mariani	Vic
2	51	66	Peter Matthews & Susan Matthews	SA
3	48	26	Michael O'Reilly & Kim Foster	NSW
4	48	54	Kassie Naicker & Naumee Naicker	SA
5	37	74	Paul Raleigh & Vicki Raleigh	Vic
6	22	34	Ivan Clurlino & Elizabeth Clurlino	Vic
7	22	87	Oryst Tkacz & Janet Tkacz	SA
8	22	178	Frank Martuccio & Jenni Walker	Vic
9	16	43	Jacques Klop & Yvonne Klop	SA
10	10	191	Donald Hew & Lily Burton	Vic

Adjudicators

A. Fabrizio Cravero - Italy	B. Grant Barrett-Thompson -	C. Glen Tierney - WA	D. Alan Shingler - NSW
E. Shane Hocking - Vic	F. Anita McGrath - Vic	G. Brent Ollifent - Vic	H. Adam Blakey - Vic
I. Paul Cruddas - NSW	J. Peter Campbell - NSW	K. Wantanee Kachana - Thai	

Waltz	Couple	A	B	C	D	E	F	G	H	I	J	K	Total
	26	1	1	1	1	0	1	1	0	1	1	1	9
	34	1	1	0	0	1	1	0	0	1	1	0	6
	43	0	1	1	0	0	0	0	0	0	0	0	2
	54	1	1	1	1	1	1	0	1	1	1	1	10
	66	0	1	1	1	1	1	1	1	1	0	1	9
	74	1	0	0	1	1	1	1	1	1	1	1	9
	87	1	0	1	1	0	0	1	1	0	0	0	5
	178	0	0	0	0	1	0	1	1	0	1	0	4
	181	1	1	1	1	1	1	1	1	1	1	1	11
	191	0	0	0	0	0	0	0	0	0	0	1	1
Tango	Couple	A	B	C	D	E	F	G	H	I	J	K	Total
	26	1	1	0	1	1	1	1	1	0	1	1	9
	34	1	1	0	0	1	0	0	0	1	0	0	4
	43	0	1	1	0	0	1	0	0	0	0	1	4
	54	1	1	1	1	1	1	0	1	0	1	1	9
	66	0	1	1	1	1	1	1	1	1	0	1	9
	74	1	0	1	1	0	1	1	1	1	1	1	9
	87	0	0	1	1	0	0	1	1	0	1	0	5
	178	0	0	0	0	1	0	1	0	1	1	0	4
	181	1	1	1	1	1	1	1	1	1	1	1	11
	191	1	0	0	0	0	0	0	0	1	0	0	2
Viennese Waltz	Couple	A	B	C	D	E	F	G	H	I	J	K	Total
	26	1	1	1	1	0	1	1	1	1	1	1	10
	34	1	1	0	0	1	0	0	0	1	0	0	4
	43	0	1	1	0	0	1	0	0	0	1	0	4
	54	1	1	1	1	1	1	0	1	1	1	0	9
	66	1	1	1	1	1	1	1	1	1	1	1	11
	74	0	0	0	1	1	1	1	1	1	0	1	7
	87	0	0	0	1	0	0	1	1	0	0	1	4
	178	0	0	1	0	1	0	1	0	0	1	0	4
	181	1	1	1	1	1	1	1	1	1	1	1	11

Scrutineered by DanceScore V5

Max Recalls = 55
www.DanceScoreLive.net

Page 1 of 2
V5-1-04

Item 96, Masters II & III Open Standard - Semi
To Item 121

	191	1	0	0	0	0	0	0	0	0	0	1	2
Slow Foxtrot	Couple	A	B	C	D	E	F	G	H	I	J	K	Total
	26	1	1	0	1	1	1	1	1	1	1	1	10
	34	1	0	0	0	1	0	0	0	1	0	1	4
	43	0	1	1	0	0	1	0	0	0	1	0	4
	54	1	1	1	1	1	1	0	1	1	1	1	10
	66	1	1	1	1	1	1	1	1	1	1	1	11
	74	1	0	0	1	0	1	1	1	1	0	0	6
	87	0	0	1	1	0	1	1	0	0	0	0	4
	178	0	1	0	0	1	0	1	0	0	1	1	5
	181	1	1	1	1	1	0	1	1	1	1	1	10
	191	0	0	1	0	0	0	0	1	0	0	0	2
QuickStep	Couple	A	B	C	D	E	F	G	H	I	J	K	Total
	26	1	1	1	0	1	1	1	1	1	1	1	10
	34	1	1	0	0	1	0	0	0	1	0	0	4
	43	0	1	1	0	0	0	0	0	0	0	0	2
	54	1	1	1	1	1	1	0	1	1	1	1	10
	66	1	1	1	1	1	1	1	1	1	1	1	11
	74	0	0	0	1	0	1	1	1	1	1	0	6
	87	0	0	1	1	0	0	1	0	0	0	1	4
	178	0	0	0	1	1	0	1	0	0	1	1	5
	181	1	1	1	1	1	1	1	1	1	1	1	11
	191	1	0	0	0	0	1	0	1	0	0	0	3

Adjudicator Marks – The Final

The following rules refer to the way Adjudicators allocate place marks in the final.

Rule 2 *In the final round each Adjudicator must place all competing couples in order of merit in each of the dances.*

Rule 3 *In the final round the Adjudicator must allocate 1st place to the best couple, 2nd to the second couple, 3rd place to the third best couple and so on for each dance.*

These rules form the fundamental procedures governing how Adjudicators judge multiple

Rule 4 *An Adjudicator is required to place every couple in the final in every dance. It is not permitted to “tie” any couples for any place in the final of any dance.*

couples in a final.

Adjudicators are required to rank every couple participating in the final, there are no exceptions. They are not permitted to tie any couples or leave any out, they must make an ultimate decision for every place mark. On the very rare occasion an Adjudicator does not adhere to the rulings, the Chairman and/or Competition Organiser would most likely remove the aforesaid Adjudicator from that particular event. The result would then be calculated using the remaining Adjudicators only.

Adjudicator Judging Sheets

Adjudicators manual judging sheets and electronic devices are designed to comply with Rules 2-4 to collect place markings for a final and therefore look quite different to those of a preliminary round or semi-final.

Following are some examples of manual sheets and tablet screen layouts an Adjudicator would be expected to use.

81 Tattersall's Australian DanceSport Championship
Wednesday, 10 December 2008

Final
From 66

Masters 2 Level 4 Standard Final

	Waltz	Fox	Tango	Q Step
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Adjudicator # 4
Cedric Meers (Vic)

X www.DanceSportPhoto.net

Example 1 - Pictured above is an Adjudicator card produced from the DanceScore Scrutineering System as used at the ADS Australian Championship held in Melbourne 2008. Adjudicators manually write their results in the allocated spaces.

24. Demonstration Final

Samba & CCC

19. Fred Smith Dance 1. Samba

18	1		6
39	2		Couples
42	3		↑
96	4		↓
101	5		
160	6		X
			!

Cancel Help Reload

24. Demonstration Final

Samba & CCC

19. Fred Smith Dance 1. Samba

18	1	42	6
39	2	96	Couples
42	3	160	↑
96	4	101	↓
101	5	18	
160	6	39	X
			!

SAVE

Cancel Help Reload

Example 2 - Shown above are screen shots from a Samsung Tablet as used by the DanceScore Scrutineering System at the ADS Australian Championship held in Melbourne 2017.

Homework

Unique to Tutorial 1 only, there is no assigned homework. Enjoy the moment!

Tutorial 2

Welcome to Tutorial 2. In this tutorial we will cover the following topics:

1. Become familiar with the Majority and Most concept used in the Skating System.
2. Become familiar with the single dance worksheet.
3. Learn how to scrutineer a simple single dance event - Rules 5 and 6.
4. Homework exercises.
5. Answers to exercises.

Basic concepts of “Majority” and “Most”

To master Scrutineering, it's important to understand and remember the concept behind a “majority” and how it differs from the terms “most” or “greatest” when applying the different rules.

- **Majority** – the greater number or part of; **more than half**.
- **Most** – the greatest amount or degree; **the greatest number of**.

The key point here is that MOST does NOT require a MAJORITY.

Scrutineering rules almost always require a pre-determination of what MAJORITY is required to satisfy the relevant calculations. Here are some common examples...

Panel of 3 Adjudicators requires a majority of 2

Panel of 4 Adjudicators requires a majority of 3

Practice identifying the majority marks needed for varying numbers of Adjudication panels on the table below. Note this is a question on your Scrutineering Exam.

Exercise 01-01

Number of Adjudicators	Majority Required
15	
9	
7	
12	
8	
5	
13	

The Single Dance Worksheet

When working manually, Scrutineers use single dance worksheets to compile all Adjudicator marks together and determine the allocation of results.

Pictured below is an example of a typical single dance worksheet.

Couple Number	Adjudicator					Place calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
15	1	2	3	3	1	2	3	—	—	—	—	2nd
16	3	4	2	2	4	—	2	3	—	—	—	3rd
17	6	6	6	6	6	—	—	—	—	—	5	6+h
18	4	5	5	5	5	—	—	—	1	5	—	5+h
19	2	1	1	1	2	3	—	—	—	—	—	1st
20	5	3	4	4	3	—	—	2	4	—	—	4+h

What do all these numbers and letters mean?

Here is a quick tour of the Single Dance Worksheet.

- Couples are identified by their back number and these are listed down the left-hand side of the table. In this case Couples 15, 16, 17 and so on. On the result sheet you would list the Couple names.
- Adjudicators are identified by their allocated alphabetical letter and are listed along the top left row of the table as shown above. On the results sheet you would identify the Adjudicators by providing a list of their names against their letter.
- Adjudicator marks for each Couple are transferred from their Adjudicator sheet into the table above (LHS) with place marks recorded carefully against each Couple given by each Adjudicator.
- All calculations take place on the right-hand side of the table under the Place Calculation columns. "1" refers to the amount of 1st placings, "1-2" means 2nd and higher placings, "1-3" means the 3rd and higher placings and so on. Scrutineering sheets will vary and some just have column headings with 1st, 2nd, 3rd or 1, 2, 3 and so on.

Explanations on how these worksheets are used for result calculations are outlined in the following section.

How to Scrutineer Single Dances

Skating System Rules 5 – 8 apply to the allocation of positions for single dance events. Rule 5 forms the basis and back bone of single dance result calculations and the remaining rules determine the handling of more complex situations. Tutorial 2 only looks at Rules 5 and 6 which cover simple single dance calculations.

Rule 5 *The winner of a dance is the couple who is placed first by an absolute majority of Adjudicators, second place is awarded to the couple placed second or higher by an absolute majority, and the remaining places are progressively allocated in a similar way.*

To explain this rule please carefully study the example given and follow through the calculation procedure step by step as shown below.

Couple Number	Adjudicator					Place calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	1	1	2	3	-----	-----	-----	-----	-----	1st
20	2	2	5	4	1	1	3	-----	-----	-----	-----	2nd
30	3	3	3	2	3	-	1	5	-----	-----	-----	3rd
40	4	4	2	3	4	-	1	2	5	-----	-----	4th
50	5	1	4	5	6	1	1	1	2	4	-----	5th
60	6	6	6	6	5	-	-	-	-	1	5	6th

Calculation procedure:

1. Establish the majority required.

The above example shows 6 couples in the final judged by a panel of 5 Adjudicators. Before doing anything else you must first establish how many marks are required to obtain an absolute majority. In this case with 5 Adjudicators the majority is of course 3. It's also good practice to note this on the side of the table somewhere to get you into the habit of checking this first, especially as you progress to more complex rules and calculations.

2. Calculation of place markings.

Keeping the required absolute majority in mind, start by counting how many first places each couple has attained. Write the tally in the "1" column of place calculations.

Now check your column. Have any couples attained an absolute majority of 1st placings?

In the above example Couple No: 10 received 3 x 1st placings which is a majority and therefore they receive 1st place. Now draw a solid line through the table to indicate this couple no longer needs to be considered for any other placings.

Continue with the remaining couples and make your place calculations for first **and** second placings and fill out the 1-2 column. Check if any have a majority. In the given example, Couple 20 have received a majority of 1-2 placings and therefore take out 2nd place. Again, draw a solid line through the remaining place calculation boxes so this couple are not considered for any other placings by mistake.

Continue this same process working through each place column for the remaining couples and record each result progressively.

Important points to remember:

- Accuracy is paramount so it's highly advisable to work logically and complete all the "Place Columns" in order. Commence with the "first" places, then the "first and second" places and so on for all placings.
- When a position has been allocated a line should be drawn across the remaining columns with the result noted.
- Remember to double check your work as mistakes are never permitted.

Please complete the following exercise to make sure you understand Rule 5.

Exercise 05-01 Majority needed _____

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	3	3	1							
20	3	4	2	2	4							
30	6	6	6	6	6							
40	4	5	5	5	5							
50	2	1	1	1	2							
60	5	3	4	4	3							

What happens if more than one couple have a majority for the same position?

Instances where multiple majorities are found for the same place, calculations continue by implementing the next rule of the Skating System.

Rule 6 *If two or more couples have a majority for the same position, the couple with the largest majority shall be allocated the position under review, and the couple holding the next largest majority is allocated the following position.*

The important point to remember here is to always look for the LARGEST MAJORITY.

Here is an example of where Rule 6 is applied to calculate the couple placings.

Couple Number	Adjudicator					Place calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	6	6	3	-----	-----	-----	-----	-----	1st
20	2	5	5	2	2	-	3	-----	-----	-----	-----	3rd
30	5	2	2	1	1	2	4	-----	-----	-----	-----	2nd
40	6	3	3	5	3	-	-	3	-----	-----	-----	4th
50	3	6	4	3	5	-	-	2	3	-----	-----	6th
60	4	4	6	4	4	-	-	-	4	-----	-----	5th

Calculation procedure:

Absolute Majority required for 5 Adjudicators = 3

Calculation of place markings:

Both numbers 20 and 30 have a majority for “second and above placings” (1-2) however, Couple No: 30 has a larger majority of 4 compared with Couple No: 20 who only has a majority of 3. Therefore, Couple No: 30 is allocated “second” position and Couple No:20 is allocated “third”.

The same applies to Couple No’s 50 and 60 with No:60 awarded 5th having the larger majority of 4 and No:50 awarded 6th with a smaller majority of 3.

Homework

Please complete the following exercises to make sure you fully understand the majority concept and how to calculate results for simple single dance events. We would suggest you check your answers to monitor your progress. If you are consistently coming up with the wrong answer you will need to re-study the tutorial lessons.

Exercise 01-02

Number of Adjudicators	Majority Required
4	
9	
21	
12	
3	
8	

Exercise 05-02 Majority needed _____

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	5	6	6	4							
20	5	4	3	2	5							
30	1	1	2	1	3							
40	3	2	1	4	2							
50	4	3	4	3	1							
60	6	6	5	5	6							

Exercise 05-03 Majority needed _____

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	6	6	6	4							
20	3	4	5	4	6							
30	2	3	1	1	1							
40	5	5	2	5	3							
50	1	2	3	2	5							
60	6	1	4	3	2							

Couple Number	Adjudicator					Place Calculation							Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	5	4	2	6	5								
20	4	3	5	4	2								
30	2	2	1	2	4								
40	6	6	6	7	7								
50	3	5	4	3	3								
60	1	1	3	1	1								
70	7	7	7	5	6								

Couple Number	Adjudicator					Place Calculation							Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	3	3	5	4	2								
20	1	2	1	1	1								
30	7	5	7	7	7								
40	2	1	2	2	3								
50	4	6	4	3	4								
60	6	4	3	5	5								
70	5	7	6	6	6								

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	6	4	4	5	4	5	4							
20	4	2	3	3	3	4	3							
30	2	3	2	2	2	1	1							
40	3	5	5	6	5	3	5							
50	1	1	1	1	1	2	2							
60	5	6	6	4	6	6	6							

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	5	3	3	3							
20	1	2	3	2	1	1	1							
30	5	4	2	4	4	5	6							
40	6	5	4	1	5	6	4							
50	2	3	1	3	2	2	2							
60	3	6	6	6	6	4	5							

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	2	3	1	3	2	2	1							
20	6	5	3	6	6	6	6	4	6							
30	4	3	4	1	5	5	3	3	3							
40	1	1	1	2	3	2	1	1	2							
50	3	6	5	4	2	4	4	5	4							
60	5	4	6	5	4	1	5	6	5							

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	3	2	6	3	4	3	3							
20	5	6	6	5	4	5	5	5	4							
30	2	2	5	4	1	2	2	2	2							
40	4	3	4	3	2	4	1	6	5							
50	1	1	2	1	3	1	3	1	1							
60	6	5	1	6	5	6	6	4	6							

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	3	3	3	5	3	6							
20	2	1	2	2	1	1	2							
30	3	4	4	5	3	5	3							
40	6	5	6	6	4	6	4							
50	1	2	1	1	2	2	1							
60	5	6	5	4	6	4	5							

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	4	4	3	6	4	4	5							
20	3	4	3	3	4	4	2	3	3							
30	5	3	5	5	6	3	5	5	6							
40	2	1	1	2	1	2	3	2	2							
50	1	2	2	1	2	1	1	1	1							
60	6	6	6	6	5	5	6	6	4							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	4	6	6	6							
20	6	2	5	2	2							
30	1	1	1	3	4							
40	2	5	2	1	1							
50	4	3	3	5	3							
60	3	6	4	4	5							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	1	1	3							
20	1	1	4	4	1							
30	5	6	6	6	6							
40	6	5	2	2	2							
50	3	4	3	3	4							
60	4	3	5	5	5							

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	4	1	2	1	1							
20	1	3	1	2	3	2	2							
30	2	2	2	5	1	3	5							
40	5	4	5	4	5	5	4							
50	3	5	3	3	4	4	3							
60	6	6	6	6	6	6	6							

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	3	5	3	4	3							
20	6	5	5	4	4	6	5							
30	2	2	1	1	2	2	1							
40	5	6	6	6	6	5	4							
50	4	3	4	3	5	3	6							
60	1	1	2	2	1	1	2							

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	3	1	4	3	2	5	3							
20	2	6	6	6	5	5	5	3	6							
30	1	1	1	2	1	1	1	1	4							
40	6	2	2	3	3	2	3	2	1							
50	4	5	5	4	6	6	4	4	5							
60	5	3	4	5	2	4	6	6	2							

Couple Number	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	1	1	6	1	1	5	6	1	5								
20	2	5	2	5	5	1	1	6	2								
30	6	2	1	6	2	2	5	2	1								
40	7	6	7	7	7	4	7	7	7								
50	5	3	5	2	6	6	2	3	4								
60	4	4	3	4	3	3	3	5	3								
70	3	7	4	3	4	7	4	4	6								

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	5	2	5							
20	3	4	3	5	3							
30	5	5	4	3	4							
40	6	6	6	4	6							
50	4	1	1	6	1							
60	1	3	2	1	2							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	4	3	6	4							
20	6	6	4	4	6							
30	4	1	6	2	3							
40	1	3	2	1	1							
50	3	2	1	5	2							
60	2	5	5	3	5							

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	4	2	1	6	1							
20	4	5	6	6	4	3	4							
30	6	6	5	5	5	4	6							
40	2	2	1	1	2	1	5							
50	5	4	3	4	3	2	3							
60	3	3	3	3	6	5	2							

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	2	1	1	6	2	1	1	1	2							
20	1	2	2	1	1	2	2	2	1							
30	5	5	4	3	4	3	6	6	5							
40	3	4	3	5	3	4	4	3	3							
50	6	3	6	2	6	5	5	5	6							
60	4	6	5	4	5	6	3	4	4							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	6	3	5	2							
20	3	3	4	4	4							
30	4	4	5	3	5							
40	6	2	2	1	1							
50	5	5	6	6	6							
60	1	1	1	2	3							

Couple Number	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	6	3	4	5	4	5	4	3	3								
20	2	2	1	4	1	1	2	1	1								
30	4	4	5	3	6	7	3	5	5								
40	5	7	6	6	5	6	5	7	7								
50	1	1	2	1	2	3	1	4	4								
60	3	5	3	2	3	4	7	2	2								
70	7	6	7	7	7	2	6	6	6								

Answers

Please check your answers progressively and if you are finding any consistent mistakes it is advisable you restudy the relevant text and repeat the homework exercises.

Answer 01-01

Number of Adjudicators	Majority Required
15	8
9	5
7	4
12	7
8	5
5	3
13	7

Answer 01-02

Number of Adjudicators	Majority Required
4	3
9	5
21	11
12	7
3	2
8	5

Exercise 05-01 Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	3	3	1	2	3	----	----	----	----	2nd
20	3	4	2	2	4	-	2	3	----	----	----	3rd
30	6	6	6	6	6	-	-	-	-	-	5	6th
40	4	5	5	5	5	-	-	-	1	5	----	5th
50	2	1	1	1	2	3	----	----	----	----	----	1st
60	5	3	4	4	3	-	-	2	4	----	----	4th

Answer 05-02

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	5	6	6	4	-	1	1	2	3	----	5th
20	5	4	3	2	5	-	1	2	3	----	----	4th
30	1	1	2	1	3	3	----	----	----	----	----	1st
40	3	2	1	4	2	1	3	----	----	----	----	2nd
50	4	3	4	3	1	1	1	3	----	----	----	3rd
60	6	6	5	5	6	-	-	-	-	2	5	6th

Answer 05-03

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	6	6	6	4	-	-	-	2	2	5	6th
20	3	4	5	4	6	-	-	1	3	----	----	4th
30	2	3	1	1	1	3	----	----	----	----	----	1st
40	5	5	2	5	3	-	1	2	2	5	----	5th
50	1	2	3	2	5	1	3	----	----	----	----	2nd
60	6	1	4	3	2	1	2	3	----	----	----	3rd

Answer 05-04

Majority needed 3

Couple Number	Adjudicator					Place Calculation							Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	5	4	2	6	5	-	1	1	2	4	----	----	5th
20	4	3	5	4	2	-	1	2	4	----	----	----	4th
30	2	2	1	2	4	1	4	----	----	----	----	----	2nd
40	6	6	6	7	7	-	-	-	-	-	3	----	6th
50	3	5	4	3	3	-	-	3	----	----	----	----	3rd
60	1	1	3	1	1	4	----	----	----	----	----	----	1st
70	7	7	7	5	6	-	-	-	-	1	2	5	7th

Answer 05-05

Majority needed 3

Couple Number	Adjudicator					Place Calculation							Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	3	3	5	4	2	-	1	3	----	----	----	----	3rd
20	1	2	1	1	1	4	----	----	----	----	----	----	1st
30	7	5	7	7	7	-	-	-	-	1	1	5	7th
40	2	1	2	2	3	1	4	----	----	----	----	----	2nd
50	4	6	4	3	4	-	-	1	4	----	----	----	4th
60	6	4	3	5	5	-	-	1	2	4	----	----	5th
70	5	7	6	6	6	-	-	-	-	1	4	----	6th

Answer 05-06

Majority needed 4

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	6	4	4	5	4	5	4	-	-	-	4	----	----	4th
20	4	2	3	3	3	4	3	-	1	5	----	----	----	3rd
30	2	3	2	2	2	1	1	2	6	----	----	----	----	2nd
40	3	5	5	6	5	3	5	-	-	2	2	6	----	5th
50	1	1	1	1	1	2	2	5	----	----	----	----	----	1st
60	5	6	6	4	6	6	6	-	-	-	1	2	7	6th

Answer 05-07

Majority needed 4

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	5	3	3	3	1	1	4	----	----	----	3rd
20	1	2	3	2	1	1	1	4	----	----	----	----	----	1st
30	5	4	2	4	4	5	6	-	1	1	4	----	----	4th
40	6	5	4	1	5	6	4	1	1	1	3	5	----	5th
50	2	3	1	3	2	2	2	1	5	----	----	----	----	2nd
60	3	6	6	6	6	4	5	-	-	1	2	3	7	6th

Answer 05-08

Majority needed 5

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	2	3	1	3	2	2	1	2	7	----	----	----	----	2nd
20	6	5	3	6	6	6	6	4	6	-	-	1	2	3	9	6th
30	4	3	4	1	5	5	3	3	3	1	1	5	----	----	----	3rd
40	1	1	1	2	3	2	1	1	2	5	----	----	----	----	----	1st
50	3	6	5	4	2	4	4	5	4	-	1	2	6	----	----	4th
60	5	4	6	5	4	1	5	6	5	1	1	1	3	7	----	5th

Answer 05-09

Majority needed 5

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	3	2	6	3	4	3	3	-	1	6	----	----	----	3rd
20	5	6	6	5	4	5	5	5	4	-	-	-	2	7	----	5th
30	2	2	5	4	1	2	2	2	2	1	7	----	----	----	----	2nd
40	4	3	4	3	2	4	1	6	5	1	2	4	7	----	----	4th
50	1	1	2	1	3	1	3	1	1	6	----	----	----	----	----	1st
60	6	5	1	6	5	6	6	4	6	1	1	1	2	4	9	6th

Answer 05-10

Majority needed 4

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	3	3	3	5	3	6	-	-	4	----	----	----	3rd
20	2	1	2	2	1	1	2	3	7	----	----	----	----	2nd
30	3	4	4	5	3	5	3	-	-	3	5	----	----	4th
40	6	5	6	6	4	6	4	-	-	-	2	3	7	6th
50	1	2	1	1	2	2	1	4	----	----	----	----	----	1st
60	5	6	5	4	6	4	5	-	-	-	2	5	----	5th

Answer 05-11

Majority needed 5

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	4	4	3	6	4	4	5	-	-	1	6	----	----	4th
20	3	4	3	3	4	4	2	3	3	-	1	6	----	----	----	3rd
30	5	3	5	5	6	3	5	5	6	-	-	2	2	7	----	5th
40	2	1	1	2	1	2	3	2	2	3	8	----	----	----	----	2nd
50	1	2	2	1	2	1	1	1	1	6	----	----	----	----	----	1st
60	6	6	6	6	5	5	6	6	4	-	-	-	1	3	9	6th

Answer 06-01

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	4	6	6	6	-	-	-	1	2	5	6th
20	6	2	5	2	2	-	3	----	----	----	----	3rd
30	1	1	1	3	4	3	----	----	----	----	----	1st
40	2	5	2	1	1	2	4	----	----	----	----	2nd
50	4	3	3	5	3	-	-	3	----	----	----	4th
60	3	6	4	4	5	-	-	1	3	----	----	5th

Answer 06-02

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	1	1	3	2	4	----	----	----	----	2nd
20	1	1	4	4	1	3	----	----	----	----	----	1st
30	5	6	6	6	6	-	-	-	-	1	5	6th
40	6	5	2	2	2	-	3	----	----	----	----	3rd
50	3	4	3	3	4	-	-	3	----	----	----	4th
60	4	3	5	5	5	-	-	1	2	5	----	5th

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	4	1	2	1	1	4	----	----	----	----	----	1st
20	1	3	1	2	3	2	2	2	5	----	----	----	----	2nd
30	2	2	2	5	1	3	5	1	4	----	----	----	----	3rd
40	5	4	5	4	5	5	4	-	-	-	3	7	----	5th
50	3	5	3	3	4	4	3	-	-	4	----	----	----	4th
60	6	6	6	6	6	6	6	-	-	-	-	-	7	6th

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	3	5	3	4	3	-	-	4	----	----	----	3rd
20	6	5	5	4	4	6	5	-	-	-	2	5	----	5th
30	2	2	1	1	2	2	1	3	7	----	----	----	----	2nd
40	5	6	6	6	6	5	4	-	-	-	1	3	7	6th
50	4	3	4	3	5	3	6	-	-	3	5	----	----	4th
60	1	1	2	2	1	1	2	4	----	----	----	----	----	1st

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	3	1	4	3	2	5	3	1	2	6	----	----	----	3rd
20	2	6	6	6	5	5	5	3	6	-	1	2	2	5	----	6th
30	1	1	1	2	1	1	1	1	4	7	----	----	----	----	----	1st
40	6	2	2	3	3	2	3	2	1	1	5	----	----	----	----	2nd
50	4	5	5	4	6	6	4	4	5	-	-	-	4	7	----	5th
60	5	3	4	5	2	4	6	6	2	-	2	3	5	----	----	4th

Couple Number	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	1	1	6	1	1	5	6	1	5	5	---	---	---	---	---	---	1st
20	2	5	2	5	5	1	1	6	2	2	5	---	---	---	---	---	3rd
30	6	2	1	6	2	2	5	2	1	2	6	---	---	---	---	---	2nd
40	7	6	7	7	7	4	7	7	7	-	-	-	1	1	2	9	7th
50	5	3	5	2	6	6	2	3	4	-	2	4	5	---	---	---	6th
60	4	4	3	4	3	3	3	5	3	-	-	5	---	---	---	---	4th
70	3	7	4	3	4	7	4	4	6	-	-	2	6	---	---	---	5th

Answer 06-07

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	5	2	5	-	3	----	----	----	----	3rd
20	3	4	3	5	3	-	-	3	----	----	----	4th
30	5	5	4	3	4	-	-	1	3	----	----	5th
40	6	6	6	4	6	-	-	-	1	1	5	6th
50	4	1	1	6	1	3	----	----	----	----	----	1st
60	1	3	2	1	2	2	4	----	----	----	----	2nd

Answer 06-08

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	4	3	6	4	-	-	1	3	----	----	4th
20	6	6	4	4	6	-	-	-	2	2	5	6th
30	4	1	6	2	3	1	2	3	----	----	----	3rd
40	1	3	2	1	1	3	----	----	----	----	----	1st
50	3	2	1	5	2	1	3	----	----	----	----	2nd
60	2	5	5	3	5	-	1	2	2	5	----	5th

Answer 06-09

Majority needed 4

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	4	2	1	6	1	4	----	----	----	----	----	1st
20	4	5	6	6	4	3	4	-	-	1	4	----	----	5th
30	6	6	5	5	5	4	6	-	-	-	1	4	----	6th
40	2	2	1	1	2	1	5	3	6	----	----	----	----	2nd
50	5	4	3	4	3	2	3	-	1	4	----	----	----	4th
60	3	3	3	3	6	5	2	-	1	5	----	----	----	3rd

Answer 06-10

Majority needed 5

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	2	1	1	6	2	1	1	1	2	5	----	----	----	----	----	1st
20	1	2	2	1	1	2	2	2	1	4	9	----	----	----	----	2nd
30	5	5	4	3	4	3	6	6	5	-	-	2	4	7	----	5th
40	3	4	3	5	3	4	4	3	3	-	-	5	----	----	----	3rd
50	6	3	6	2	6	5	5	5	6	-	1	2	2	5	----	6th
60	4	6	5	4	5	6	3	4	4	-	-	1	5	----	----	4th

Answer 06-11

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	6	3	5	2	-	2	3	----	----	----	3rd
20	3	3	4	4	4	-	-	2	5	----	----	4th
30	4	4	5	3	5	-	-	1	3	----	----	5th
40	6	2	2	1	1	2	4	----	----	----	----	2nd
50	5	5	6	6	6	-	-	-	-	2	5	6th
60	1	1	1	2	3	3	----	----	----	----	----	1st

Answer 06-12

Majority needed 5

Couple Number	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	6	3	4	5	4	5	4	3	3	-	-	3	6	----	----	----	4th
20	2	2	1	4	1	1	2	1	1	5	----	----	----	----	----	----	1st
30	4	4	5	3	6	7	3	5	5	-	-	2	4	7	----	----	5th
40	5	7	6	6	5	6	5	7	7	-	-	-	-	3	6	----	6th
50	1	1	2	1	2	3	1	4	4	4	6	----	----	----	----	----	2nd
60	3	5	3	2	3	4	7	2	2	-	3	6	----	----	----	----	3rd
70	7	6	7	7	7	2	6	6	6	-	1	1	1	1	5	----	7th

Tutorial 3

Continuing with the calculation of single dance events, Tutorial 3 studies the remaining rules in this section which cover more complex single dance calculations. Specifically, we will cover the following topics:

1. Study Rule 7 which deals with breaking ties in complex single dance results.
2. Study the application of Rule 8 where no couple receives a majority.
3. Learn how place marks are awarded if couples draw on the same result even after the implementation of Rules 7 and 8.
4. Homework exercises.
5. Answers to exercises.

Breaking Majority Ties in Single Dances

Up until now the calculation of place markings has been relatively easy by applying Rules 5 and 6, however there are many instances where couples “tie” on the same majority.

Rule 7 was created to address this problem and define a method of calculation to fairly award the more superior Couple.

Rule 7

If two or more couples have an equal Majority for the same position...

(A) If such majorities are equal, then we add together the marks given by those Adjudicators who form the majority and the Couple with the lowest total (or aggregate) is allocated the position under review. The next position is awarded to the Couple with the next lowest aggregate.

(B) If the aggregates of marks are also equal, then the next lower place (or subsequent places if necessary) in respect of the particular Couples concerned, must also be taken into account.

To keep it simple, we will introduce these two concepts separately and give you examples demonstrating how these rules are applied to our calculations.

Rule 7(a) Equal Majorities

If two or more Couples have an equal majority for the same position...

- We add together the marks which form the majority for those Couples only.
- The position under review is then awarded to the Couple whose majority marks have the lowest aggregate total.
- The next position is then allocated to the Couple with the next lowest aggregate.
- This process must be continued until all positions have been awarded for the Couples with the equal majority.

To help explain how Rule 7(a) works it's easiest to work through the example shown below.

Note: The small figures in brackets represent the aggregates or totals of the equal majorities concerned. The use of brackets is not necessary and for simplicity you will notice we have omitted them in all future examples and calculations.

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	1	1	5	3	-----	-----	-----	-----	-----	1st
20	4	2	2	5	1	1	3 ⁽⁵⁾	-----	-----	-----	-----	2nd
30	2	5	5	2	2	-	3 ⁽⁶⁾	-----	-----	-----	-----	3rd
40	1	3	3	4	6	1	1	3 ⁽⁷⁾	-----	-----	-----	4th
50	3	4	4	3	3	-	-	3 ⁽⁹⁾	-----	-----	-----	5th
60	6	6	6	6	4	-	-	-	1	1	5	6th

Calculation procedure:

As usual it's important to complete all place columns in order.

Majority required for 5 Adjudicators = 3

No: 10 is automatically in 1st place as they have the absolute majority of 1st placings.

Both No:20 and No: 30 have a majority of three "2nd and higher" placings so we add together the individual marks given by those Adjudicators involved as follows:

For Couple No: 20... $2 + 2 + 1 = 5$

For Couple No: 30... $2 + 2 + 2 = 6$

Couple No: 20 has a lowest aggregate score of 5 and is therefore allocated 2nd place.

Couple No: 30 having the next lowest aggregate is immediately awarded 3rd place.

Next, we fill out the “1-3 placings column” and note both No: 40 and No: 50 have a “3” majority of “3rd and higher” placings. Again, we make an addition of the marks involved as follows:

For Couple No: 40... $1 + 3 + 3 = 7$

For Couple No: 50... $3 + 3 + 3 = 9$

Couple No: 40 has the lowest total score of 7 and is therefore allocated 4th place

Couple No: 50 having the next lowest aggregate is immediately awarded 5th place.

Last of all, Couple No: 60 is placed 6th as shown.

Rule 7(b) Equal Majorities and Equal Aggregates

If two or more couples have an equal majority **AND** equal aggregate for the same position...

- Calculate the majority including the next lower place mark of the Couples concerned.
- If they remain equal, then continue the calculation by taking into account the next lower place mark again, until a greater majority is found.
- The Couple with the greatest majority is awarded the place under review.
- This process must be continued until all positions have been awarded for the Couples with the equal majority and aggregate.
- If you encounter multiple ties, the same procedure still applies.

The example below demonstrates how Rule 7(b) is applied.

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	1	1	2	3	-----	-----	-----	-----	-----	1st
20	2	2	5	5	1	1	3 ⁵	3 ⁵	3 ⁵	5	-----	2nd
30	6	1	2	2	5	1	3 ⁵	3 ⁵	3 ⁵	4	-----	3rd
40	3	3	3	6	3	-	-	4	-----	-----	-----	4th
50	4	4	6	4	4	-	-	-	4	-----	-----	5th
60	5	6	4	3	6	-	-	1	2	3	-----	6th

Calculation procedure:

Majority required for 5 Adjudicators = 3

No: 10 is automatically in 1st place as they have the absolute majority of 1st placings.

Both No:20 and No: 30 have a majority of three “ 2nd and higher” placings so we add the marks given by those Adjudicators involved as follows:

For Couple No: 20... $2 + 2 + 1 = 5$

For Couple No: 30... $1 + 2 + 2 = 5$

Hate to state the obvious but both aggregates are the same. Now continuing ONLY with Couples No: 20 and No: 30 and IGNORING ALL OTHER COUPLES, we fill out the “1-3” column and calculate the 3rd and higher placings. As shown above there is no change with both majorities and aggregates remaining the same. So now we continue again with only these two Couples and fill out the “1-4” column. Again, the majority and aggregate calculations remain identical, so we proceed to calculate the “1-5” column. This time the result is different with Couple No: 20 obtaining a majority of 5 and Couple No: 30 only managing a majority of 4. We now place both couples by awarding No: 20 second place and No: 30 third place.

Now return to the remaining columns making sure we continue from where we left off earlier and complete your calculation for the outstanding place marks.

Note: It’s important to realise that in the above example 4th position was allocated to Couple No:40 from markings in the “3rd and higher” column. As stated earlier, all columns must be filled out in order. In many instances, if you proceeded and forgot to fill all the columns in error, you may produce an incorrect result. This also demonstrates why it’s good practice to place a dash in the column in the instances where no marks are recorded as this helps keep track of how your calculations have progressed.

Multiple ties

Below is an example showing how to handle multiple ties concerning Rule 7.

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	5	4	5	-	1	2	3 ⁹	5	-----	4th
20	1	6	3	1	1	3	-----	-----	-----	-----	-----	1st
30	3	4	4	5	6	-	-	1	3 ¹¹	-----	-----	6th
40	6	5	1	3	2	1	2	3	-----	-----	-----	3rd
50	5	1	2	2	4	1	3	-----	-----	-----	-----	2nd
60	4	2	6	6	3	-	1	2	3 ⁹	3	-----	5th

Calculation procedure:

In the above example Couple No's 10, 30 and 60 all tie on a majority of 3.

By adding the relevant marks together Couples 10 and 60 are still tied on the lower aggregate of 9 so we continue with these two couples only, ignoring the others.

After allocating the results for Couples 10 and 60 remember to go back to where we let off and place the remaining couple in the tie which was No: 30 in 6th place.

What if no couples receive a majority?

There are many instances where no Couples have received a majority of place marks for the position under review. In this circumstance we apply the remaining Skating System rule concerning single dance events, Rule 8.

Rule 8 *If no couple receives a majority for the position under review then you must proceed by including the next place marks in the calculation. If still no majority is found then we include the next place marks, and if necessary, the next again until a majority vote is found.*

This rule applies to any positions under review including first place.

Shown below is a good example of when Rule 8 needs to be applied on two occasions within the one single dance calculation.

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	3	2	3	2	3	-----	-----	-----	-----	1st
20	6	5	4	1	1	2	2	2	3 ⁶	-----	-----	2nd
30	2	4	1	5	5	1	2	2	3 ⁷	-----	-----	3rd
40	4	2	5	6	2	-	2	2	3 ⁸	-----	-----	4th
50	3	3	6	4	6	-	-	2	3 ¹⁰	-----	-----	6th
60	5	6	2	3	4	-	1	2	3 ⁹	-----	-----	5th

Calculation procedure:

The absolute majority required for this example of 5 Adjudicators is 3.

Calculations reveal no couples achieved a majority of 1st placings. We therefore consider 2nd and higher placings and find that with a majority of 3 we award Couple No: 10 the first place.

Next, we calculate the 3rd and higher placings and again note no couples have achieved a majority so we are forced to calculate 4th and higher place markings. Here we find all couples have equal majorities hence we apply Rule 7(a) to allocate the correct placings.

How to allocate tied place markings

Before concluding the single dance rules, we need to understand the procedure to be followed in the event all markings remain identical even after Rules 5 to 8 have been applied. Note this is not another rule but rather an explanation on how this situation is handled.

When two or more Couples have identical concluding place markings then the Couples have TIED for the positions under review. As all the couples involved are considered equal in placing for the dance, they are allocated the MEAN of the positions under review.

The **MEAN** is simply the average and is calculated by adding the positions under review together and dividing by the amount of positions that are tied.

Shown below is an example of such an occurrence.

Couple Number	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	2	1	1	1	1	1	1	1	2	7	----	----	----	----	----	1st
20	1	4	3	2	2	2	2	2	1	2	7	----	----	----	----	2nd
30	3	2	4	3	3	4	5	4	3	-	1	5 ¹⁴	8 ²⁶	9 ³¹	9 ³¹	3.5
40	5	3	2	4	4	3	3	3	4	-	1	5 ¹⁴	8 ²⁶	9 ³¹	9 ³¹	3.5
50	4	6	5	5	6	5	4	5	5	-	-	-	2	7	----	5th
60	6	5	6	6	5	6	6	6	6	-	-	-	-	2	7	6th

Calculation procedure:

In this instance Couple No: 30 and Couple No: 40 have both TIED for 3rd position.

We therefore calculate the MEAN of 3rd and 4th.

$$\text{In other words, } \text{MEAN} = \frac{3 + 4}{2} = 3.5$$

This gives both couples a tied result of 3.5 or 3 ½ for those who prefer fractions.

Here is another more complex example with more than 2 couples tied.

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4th
20	3	1	3	1	2	2	3	-----	-----	-----	-----	1st
30	1	3	5	4	6	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4th
40	6	2	4	2	5	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4th
50	5	4	6	3	1	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4th
60	2	6	2	5	4	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4th

Although this result is rare however it is possible and easily solved by finding the mean of the places under review. In this case 5 couples have tied for 2nd place.

$$\text{The calculation will be... } \text{MEAN} = \frac{2 + 3 + 4 + 5 + 6}{5} = 4$$

All 5 tied couples are allocated 4th place.

Let me assure you the most common place you will see this type of situation is on your exam paper!

Homework

Please complete the following exercises to make sure you fully understand how to calculate results for complex single dance events. Again, we would suggest you check your answers to monitor your progress. If you are consistently coming up with the wrong answer you will need to re-study the tutorial lessons.

Exercise 07-01 Majority needed _____

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	1	2	3	4							
20	1	5	1	1	2							
30	4	6	5	6	5							
40	5	3	6	5	6							
50	3	2	4	4	3							
60	6	4	3	2	1							

Exercise 07-02 Majority needed _____

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	1	5	2							
20	2	5	4	4	5							
30	5	4	6	2	3							
40	6	1	5	1	1							
50	4	2	2	3	6							
60	3	6	3	6	4							

Exercise 07-03 Majority needed _____

Couple Number	Adjudicator			Place Calculation								Result
	A	B	C	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	3	6	8									
20	1	2	5									
30	6	1	1									
40	2	3	3									
50	4	5	4									
60	5	8	7									
70	7	4	2									
80	8	7	6									

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	2	1	2	3							
20	2	1	5	1	1							
30	6	5	3	6	5							
40	3	3	2	4	4							
50	5	4	6	5	6							
60	1	6	4	3	2							

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	4	3	6	8									
20	2	3	1	2	5									
30	4	1	6	1	1									
40	5	2	2	3	3									
50	8	6	4	5	4									
60	6	7	5	8	7									
70	7	8	7	4	2									
80	3	5	8	7	6									

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	4	2	4	2	2							
20	6	4	6	4	5	6	6							
30	1	5	5	1	1	1	1							
40	3	3	3	5	3	4	4							
50	4	6	1	3	6	3	3							
60	2	2	2	6	2	5	5							

Couple Number	Adjudicator							Place Calculation							Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	3	4	5	5	4	4	4								
20	6	6	6	6	7	6	6								
30	1	1	2	1	1	3	1								
40	5	5	4	4	5	5	5								
50	4	2	1	3	2	2	3								
60	7	7	7	7	6	7	7								
70	2	3	3	2	3	1	2								

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	2	2	1	5	2							
20	1	6	3	3	6	4	3							
30	5	5	6	5	5	6	6							
40	3	3	4	4	3	3	4							
50	6	4	5	6	4	2	5							
60	4	1	1	1	2	1	1							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	5	5	1							
20	4	3	3	3	4							
30	5	2	2	2	5							
40	6	6	4	6	6							
50	2	5	1	4	2							
60	3	4	6	1	3							

Couple Number	Adjudicator							Place Calculation							Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	5	5	6	5	7	6	7								
20	2	2	3	4	5	3	4								
30	4	3	2	6	3	4	2								
40	3	1	7	2	1	1	5								
50	6	6	5	7	6	7	6								
60	7	4	4	3	2	2	3								
70	1	7	1	1	4	5	1								

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	6	8	2	8	3									
20	2	5	1	6	5									
30	1	1	6	1	1									
40	3	3	5	4	8									
50	5	4	8	3	7									
60	8	7	4	5	4									
70	7	6	3	2	2									
80	4	2	7	7	6									

Couple Number	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	7	2	4	3	5	4	1	1	3								
20	1	5	1	1	3	1	3	6	1								
30	2	3	2	2	2	5	5	4	2								
40	3	4	6	7	4	7	6	5	4								
50	5	7	7	6	7	6	7	7	7								
60	6	6	3	5	6	2	4	2	6								
70	4	1	5	4	1	3	2	3	5								

Couple Number	Adjudicator			Place Calculation								Result
	A	B	C	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	2	7									
20	3	1	5									
30	2	3	2									
40	4	4	1									
50	5	6	3									
60	8	7	6									
70	6	5	4									
80	7	8	8									

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	5	4	5	2							
20	4	2	5	6	3							
30	1	4	2	4	5							
40	5	1	3	2	6							
50	2	6	6	3	4							
60	6	3	1	1	1							

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	6	8	7	3	2									
20	2	5	3	2	5									
30	3	2	1	7	3									
40	7	6	8	8	6									
50	4	1	2	4	4									
60	1	4	4	1	7									
70	5	7	5	6	8									
80	8	3	6	5	1									

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	3	2	3	6	4							
20	2	4	1	4	6	5	5							
30	3	1	4	5	5	1	2							
40	5	2	6	6	4	2	1							
50	6	3	2	3	1	4	3							
60	4	6	5	1	2	3	6							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	6	2	3	4							
20	3	3	6	4	6							
30	2	4	1	5	5							
40	1	1	3	2	3							
50	6	5	4	1	1							
60	4	2	5	6	2							

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	1	7	3	2									
20	4	7	3	2	5									
30	2	6	1	7	3									
40	6	2	8	8	6									
50	5	5	2	4	4									
60	3	3	4	1	7									
70	7	8	5	6	8									
80	8	4	6	5	1									

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	2	1	1	3	3	1							
20	1	1	4	2	2	2	4							
30	5	5	2	4	1	6	3							
40	2	4	6	5	4	1	5							
50	4	3	3	3	6	4	2							
60	6	6	5	6	5	5	6							

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	3	2	8	3									
20	2	1	1	6	5									
30	3	2	6	1	1									
40	4	4	5	4	8									
50	5	7	8	3	7									
60	8	6	4	5	4									
70	6	8	7	7	6									
80	7	5	3	2	2									

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	1	2	4	4							
20	4	2	1	5	3							
30	1	6	4	3	2							
40	6	5	3	1	5							
50	2	3	5	6	1							
60	5	4	6	2	6							

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	5	4	5	1	3									
20	4	3	1	2	1									
30	8	6	2	3	2									
40	7	1	6	4	4									
50	2	8	7	5	7									
60	6	7	3	8	6									
70	1	2	4	6	8									
80	3	5	8	7	5									

Couple Number	Adjudicator			Place calculation						Result
	A	B	C	1	1-2	1-3	1-4	1-5	1-6	
10	4	2	1							
20	6	5	3							
30	5	4	5							
40	1	6	2							
50	2	3	4							
60	3	1	6							

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	4	6	2	4							
20	6	2	6	2	5	3	2							
30	4	3	3	3	2	1	3							
40	2	4	5	5	1	4	1							
50	3	6	4	6	3	6	5							
60	1	5	1	1	4	5	6							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	5	6							
20	4	5	6	4	1							
30	6	4	5	3	2							
40	1	2	3	1	4							
50	3	1	2	6	5							
60	5	6	1	2	3							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	6	4							
20	1	2	5	4	6							
30	2	3	3	5	5							
40	6	5	1	3	3							
50	3	6	6	2	2							
60	4	4	4	1	1							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3							
20	3	1	3	1	2							
30	1	3	5	4	6							
40	6	2	4	2	5							
50	5	4	6	3	1							
60	2	6	2	5	4							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	2	4	5							
20	2	4	3	1	1							
30	3	1	5	2	4							
40	5	6	4	6	2							
50	4	2	1	5	3							
60	6	5	6	3	6							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	3	4	2							
20	2	4	1	1	3							
30	6	5	4	6	5							
40	4	3	5	5	6							
50	3	2	2	2	1							
60	5	6	6	3	4							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	4	6	4							
20	2	2	5	1	5							
30	3	1	6	2	6							
40	4	6	1	4	3							
50	5	5	2	5	2							
60	6	4	3	3	1							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	4	5	1							
20	3	5	5	6	5							
30	1	6	3	2	6							
40	2	3	2	1	4							
50	5	2	1	4	3							
60	6	1	6	3	2							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	2	6							
20	5	6	4	5	3							
30	3	5	3	4	1							
40	1	3	6	1	2							
50	2	4	2	3	5							
60	6	2	1	6	4							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	6	2	1	3							
20	6	5	3	2	1							
30	4	4	1	3	2							
40	3	1	5	4	6							
50	2	2	4	6	5							
60	1	3	6	5	4							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	4	5							
20	2	1	4	6	2							
30	5	6	5	5	6							
40	4	2	1	3	3							
50	1	4	2	2	4							
60	3	3	3	1	1							

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	1	1	1							
20	3	3	4	4	2							
30	4	1	5	3	3							
40	2	2	3	6	5							
50	5	6	6	2	4							
60	6	4	2	5	6							

Answers

Please check your answers progressively and if you are finding any consistent mistakes it is advisable you restudy the relevant text and repeat the homework exercises.

Answer 07-01 Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	1	2	3	4	1	3	----	----	----	----	2nd
20	1	5	1	1	2	3	----	----	----	----	----	1st
30	4	6	5	6	5	-	-	-	1	3^{14}	----	6th
40	5	3	6	5	6	-	-	1	1	3^{13}	----	5th
50	3	2	4	4	3	-	1	3^8	----	----	----	4th
60	6	4	3	2	1	1	2	3^6	----	----	----	3rd

Answer 07-02 Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	1	5	2	2	3	----	----	----	----	2nd
20	2	5	4	4	5	-	1	1	3^{10}	5	----	5th
30	5	4	6	2	3	-	1	2	3^9	----	----	4th
40	6	1	5	1	1	3	----	----	----	----	----	1st
50	4	2	2	3	6	-	2	3	----	----	----	3rd
60	3	6	3	6	4	-	-	2	3^{10}	3	----	6th

Answer 07-03 Majority needed 2

Couple Number	Adjudicator			Place Calculation								Result
	A	B	C	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	3	6	8	-	-	1	1	1	2	----	----	6th
20	1	2	5	1	2	----	----	----	----	----	----	2nd
30	6	1	1	2	----	----	----	----	----	----	----	1st
40	2	3	3	-	1	3	----	----	----	----	----	3rd
50	4	5	4	-	-	-	2 ⁸	----	----	----	----	5th
60	5	8	7	-	-	-	-	1	1	2 ¹²	----	7th
70	7	4	2	-	1	1	2 ⁶	----	----	----	----	4th
80	8	7	6	-	-	-	-	-	1	2 ¹³	----	8th

Answer 07-04

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	2	1	2	3	1	3	----	----	----	----	2nd
20	2	1	5	1	1	3	----	----	----	----	----	1st
30	6	5	3	6	5	-	-	1	1	3 ¹³	----	5th
40	3	3	2	4	4	-	1	3 ⁸	----	----	----	4th
50	5	4	6	5	6	-	-	-	1	3 ¹⁴	----	6th
60	1	6	4	3	2	1	2	3 ⁶	----	----	----	3rd

Answer 07-05

Majority needed 3

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	4	3	6	8	1	1	2	3	----	----	----	----	4th
20	2	3	1	2	5	1	3	----	----	----	----	----	----	2nd
30	4	1	6	1	1	3	----	----	----	----	----	----	----	1st
40	5	2	2	3	3	-	2	4	----	----	----	----	----	3rd
50	8	6	4	5	4	-	-	-	2	3	----	----	----	5th
60	6	7	5	8	7	-	-	-	-	1	2	4 ²⁵	----	8th
70	7	8	7	4	2	-	1	1	2	2	2	4 ²⁰	----	7th
80	3	5	8	7	6	-	-	1	1	2	3	----	----	6th

Answer 07-06

Majority needed 4

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	4	2	4	2	2	1	4 ⁷	----	----	----	----	2nd
20	6	4	6	4	5	6	6	-	-	-	2	3	7	6th
30	1	5	5	1	1	1	1	5	----	----	----	----	----	1st
40	3	3	3	5	3	4	4	-	-	4 ¹²	----	----	----	5th
50	4	6	1	3	6	3	3	1	1	4 ¹⁰	----	----	----	4th
60	2	2	2	6	2	5	5	-	4 ⁸	----	----	----	----	3rd

Answer 07-07

Majority needed 4

Couple Number	Adjudicator							Place Calculation							Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	3	4	5	5	4	4	4	-	-	1	5	----	----	----	4th
20	6	6	6	6	7	6	6	-	-	-	-	-	6	----	6th
30	1	1	2	1	1	3	1	5	----	----	----	----	----	----	1st
40	5	5	4	4	5	5	5	-	-	-	2	7	----	----	5th
50	4	2	1	3	2	2	3	1	4 ⁷	6	----	----	----	----	3rd
60	7	7	7	7	6	7	7	-	-	-	-	-	1	7	7th
70	2	3	3	2	3	1	2	1	4 ⁷	7	----	----	----	----	2nd

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	2	2	2	1	5	2	1	6	----	----	----	----	2nd
20	1	6	3	3	6	4	3	1	1	4 ¹⁰	----	----	----	3rd
30	5	5	6	5	5	6	6	-	-	-	-	4	----	6th
40	3	3	4	4	3	3	4	-	-	4 ¹²	----	----	----	4th
50	6	4	5	6	4	2	5	-	1	1	3	5	----	5th
60	4	1	1	1	2	1	1	5	----	----	----	----	----	1st

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	5	5	1	3	----	----	----	----	----	1st
20	4	3	3	3	4	-	-	3 ⁹	----	----	----	5th
30	5	2	2	2	5	-	3 ⁶	----	----	----	----	3rd
40	6	6	4	6	6	-	-	-	1	1	5	6th
50	2	5	1	4	2	1	3 ⁵	----	----	----	----	2nd
60	3	4	6	1	3	1	1	3 ⁷	----	----	----	4th

Couple Number	Adjudicator							Place Calculation							Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	5	5	6	5	7	6	7	-	-	-	-	3	5 ²⁷	----	6th
20	2	2	3	4	5	3	4	-	2	4 ¹⁰	6 ¹⁸	7	----	----	3rd
30	4	3	2	6	3	4	2	-	2	4 ¹⁰	6 ¹⁸	6 ¹⁸	7	----	4th
40	3	1	7	2	1	1	5	3	4	----	----	----	----	----	2nd
50	6	6	5	7	6	7	6	-	-	-	-	1	5 ²⁹	----	7th
60	7	4	4	3	2	2	3	-	2	4 ¹⁰	6 ¹⁸	6 ¹⁸	6	----	5th
70	1	7	1	1	4	5	1	4	----	----	----	----	----	----	1st

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	6	8	2	8	3	-	1	2	2	2	3 ¹¹	----	----	7th
20	2	5	1	6	5	1	2	2	2	4	----	----	----	4th
30	1	1	6	1	1	4	----	----	----	----	----	----	----	1st
40	3	3	5	4	8	-	-	2	3	----	----	----	----	3rd
50	5	4	8	3	7	-	-	1	2	3 ¹²	----	----	----	5th
60	8	7	4	5	4	-	-	-	2	3 ¹³	----	----	----	6th
70	7	6	3	2	2	-	2	3	----	----	----	----	----	2nd
80	4	2	7	7	6	-	1	1	2	2	3 ¹²	----	----	8th

Couple Number	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	7	2	4	3	5	4	1	1	3	2	3	5 ¹⁰	7 ¹⁸	8	---	---	4th
20	1	5	1	1	3	1	3	6	1	5	---	---	---	---	---	---	1st
30	2	3	2	2	2	5	5	4	2	-	5	---	---	---	---	---	2nd
40	3	4	6	7	4	7	6	5	4	-	-	1	4	5 ²⁰	---	---	6th
50	5	7	7	6	7	6	7	7	7	-	-	-	-	1	3	9	7th
60	6	6	3	5	6	2	4	2	6	-	2	3	4	5 ¹⁶	---	---	5th
70	4	1	5	4	1	3	2	3	5	2	3	5 ¹⁰	7 ¹⁸	9	---	---	3rd

Couple Number	Adjudicator			Place Calculation								Result
	A	B	C	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	2	7	1	2 ³	---	---	---	---	---	---	1st
20	3	1	5	1	1	2	---	---	---	---	---	3rd
30	2	3	2		2 ⁴	---	---	---	---	---	---	2nd
40	4	4	1	1	1	1	3	---	---	---	---	4th
50	5	6	3	-	-	1	1	2 ⁸	---	---	---	5th
60	8	7	6	-	-	-	-	-	1	2	---	7th
70	6	5	4	-	-	-	1	2 ⁹	---	---	---	6th
80	7	8	8	-	-	-	-	-	-	1	3	8th

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	5	4	5	2	-	1	2	3 ⁹	5	---	4th
20	4	2	5	6	3	-	1	2	3 ⁹	4	---	5th
30	1	4	2	4	5	1	2	2	4	---	---	3rd
40	5	1	3	2	6	1	2	3	---	---	---	2nd
50	2	6	6	3	4	-	1	2	3 ⁹	3	---	6th
60	6	3	1	1	1	3	---	---	---	---	---	1st

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	6	8	7	3	2	-	1	2	2	2	3 ¹¹	---	---	6th
20	2	5	3	2	5	-	2	3	---	---	---	---	---	2nd
30	3	2	1	7	3	1	2	4	---	---	---	---	---	1st
40	7	6	8	8	6	-	-	-	-	-	2	3	---	8th
50	4	1	2	4	4	1	2	2	5	---	---	---	---	3rd
60	1	4	4	1	7	2	2	2	4	---	---	---	---	4th
70	5	7	5	6	8	-	-	-	-	2	3 ¹⁶	---	---	7th
80	8	3	6	5	1	1	1	1	1	3	---	---	---	5th

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	3	2	3	6	4	1	2	4 ⁹	----	----	----	3rd
20	2	4	1	4	6	5	5	1	2	2	4 ¹¹	----	----	6th
30	3	1	4	5	5	1	2	2	3	4 ⁷	----	----	----	2nd
40	5	2	6	6	4	2	1	1	3	3	4 ⁹	----	----	4th
50	6	3	2	3	1	4	3	1	2	5	----	----	----	1st
60	4	6	5	1	2	3	6	1	2	3	4 ¹⁰	----	----	5th

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	6	2	3	4	-	1	2	3 ⁹	----	----	5th
20	3	3	6	4	6	-	-	2	3 ¹⁰	----	----	6th
30	2	4	1	5	5	1	2	2	3 ⁷	----	----	3rd
40	1	1	3	2	3	2	3	----	----	----	----	1st
50	6	5	4	1	1	2	2	2	3 ⁶	----	----	2nd
60	4	2	5	6	2	-	2	2	3 ⁸	----	----	4th

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	1	7	3	2	2	3	----	----	----	----	----	----	1st
20	4	7	3	2	5	-	1	2	3 ⁹	----	----	----	----	4th
30	2	6	1	7	3	1	2	3 ⁶	----	----	----	----	----	2nd
40	6	2	8	8	6	-	1	1	1	1	3	----	----	7th
50	5	5	2	4	4	-	1	1	3 ¹⁰	----	----	----	----	5th
60	3	3	4	1	7	1	1	3 ⁷	----	----	----	----	----	3rd
70	7	8	5	6	8	-	-	-	-	1	2	3	----	8th
80	8	4	6	5	1	1	1	1	2	3	----	----	----	6th

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	2	1	1	3	3	1	3	4	----	----	----	----	2nd
20	1	1	4	2	2	2	4	2	5	----	----	----	----	1st
30	5	5	2	4	1	6	3	1	2	3	4 ¹⁰	----	----	4th
40	2	4	6	5	4	1	5	1	2	2	4 ¹¹	----	----	5th
50	4	3	3	3	6	4	2	-	1	4	----	----	----	3rd
60	6	6	5	6	5	5	6	-	-	-	-	3	7	6th

Answer 08-08

Majority needed 3

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	3	2	8	3	1	2	4	----	----	----	----	----	3rd
20	2	1	1	6	5	2	3 ⁴	3	----	----	----	----	----	2nd
30	3	2	6	1	1	2	3 ⁴	4	----	----	----	----	----	1st
40	4	4	5	4	8	-	-	-	3	----	----	----	----	5th
50	5	7	8	3	7	-	-	1	1	2	2	4 ²²	----	7th
60	8	6	4	5	4	-	-	-	2	3	----	----	----	6th
70	6	8	7	7	6	-	-	-	-	-	2	4 ²⁶	----	8th
80	7	5	3	2	2	-	2	3	----	----	----	----	----	4th

Answer 08-09

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	1	2	4	4	1	2	3 ⁶	5	----	----	1st
20	4	2	1	5	3	1	2	3 ⁶	4 ¹⁰	5	----	2nd
30	1	6	4	3	2	1	2	3 ⁶	4 ¹⁰	4	----	3rd
40	6	5	3	1	5	1	1	2	2	4	----	5th
50	2	3	5	6	1	1	2	3 ⁶	3	----	----	4th
60	5	4	6	2	6	-	1	1	2	3	----	6th

Answer 08-10

Majority needed 3

Couple Number	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	5	4	5	1	3	1	1	2	3 ⁸	----	----	----	----	4th
20	4	3	1	2	1	2	3	----	----	----	----	----	----	1st
30	8	6	2	3	2	-	2	3	----	----	----	----	----	2nd
40	7	1	6	4	4	1	1	1	3 ⁹	----	----	----	----	5th
50	2	8	7	5	7	-	1	1	1	2	2	4	----	8th
60	6	7	3	8	6	-	-	1	1	1	3	----	----	7th
70	1	2	4	6	8	1	2	2	3 ⁷	----	----	----	----	3rd
80	3	5	8	7	5	-	-	1	1	3	----	----	----	6th

Answer 08-11

Majority needed 2

Couple Number	Adjudicator			Place calculation						Result
	A	B	C	1	1-2	1-3	1-4	1-5	1-6	
10	4	2	1	1	2 ³	2	3	----	----	1st
20	6	5	3	-	-	1	1	2	----	6th
30	5	4	5	-	-	-	1	3	----	5th
40	1	6	2	1	2 ³	2	2	----	----	2nd
50	2	3	4	-	1	2 ⁵	----	----	----	4th
60	3	1	6	1	1	2 ⁴	----	----	----	3rd

Answer 08-12

Majority needed 4

Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	4	6	2	4	1	3	3	5 ¹³	----	----	4th
20	6	2	6	2	5	3	2	-	3	4	----	----	----	2nd
30	4	3	3	3	2	1	3	1	2	6	----	----	----	1st
40	2	4	5	5	1	4	1	2	3	3	5 ¹²	----	----	3rd
50	3	6	4	6	3	6	5	-	-	2	3	4	----	6th
60	1	5	1	1	4	5	6	3	3	3	4	----	----	5th

Answer 08-13

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	5	6	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
20	4	5	6	4	1	1	1	1	3 ⁹	4 ¹⁴	5 ²⁰	5
30	6	4	5	3	2	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
40	1	2	3	1	4	2	3	-----	-----	-----	-----	1st
50	3	1	2	6	5	1	2	3 ⁶	3 ⁶	4 ¹¹	5 ¹⁷	2.5
60	5	6	1	2	3	1	2	3 ⁶	3 ⁶	4 ¹¹	5 ¹⁷	2.5

Answer 08-14

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	6	4	1	2	2	3 ⁷	4 ¹²	5 ¹⁸	5.5
20	1	2	5	4	6	1	2	2	3 ⁷	4 ¹²	5 ¹⁸	5.5
30	2	3	3	5	5	-	1	3 ⁸	-----	-----	-----	3rd
40	6	5	1	3	3	1	1	3 ⁷	3 ⁷	4	-----	1st
50	3	6	6	2	2	-	2	3 ⁷	3 ⁷	3	-----	2nd
60	4	4	4	1	1	2	2	2	5	-----	-----	4th

Answer 08-15

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
20	3	1	3	1	2	2	3	-----	-----	-----	-----	1st
30	1	3	5	4	6	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
40	6	2	4	2	5	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4
50	5	4	6	3	1	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
60	2	6	2	5	4	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4

Answer 08-16

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	2	4	5	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	5 ¹⁵	3
20	2	4	3	1	1	2	3	-----	-----	-----	-----	1st
30	3	1	5	2	4	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	5 ¹⁵	3
40	5	6	4	6	2	-	1	1	2	3	-----	5th
50	4	2	1	5	3	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	5 ¹⁵	3
60	6	5	6	3	6	-	-	-	1	2	5	6th

Answer 08-17

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	3	4	2	2	3 ⁴	4 ⁷	5 ¹¹	5 ¹¹	5 ¹¹	2.5
20	2	4	1	1	3	2	3 ⁴	4 ⁷	5 ¹¹	5 ¹¹	5 ¹¹	2.5
30	6	5	4	6	5	-	-	-	1	3 ¹⁴	-----	6th
40	4	3	5	5	6	-	-	1	2	4	-----	4th
50	3	2	2	2	1	1	4	-----	-----	-----	-----	1st
60	5	6	6	3	4	-	-	1	2	3 ¹²	-----	5th

Answer 08-18

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	4	6	4	1	1	2	4 ¹²	4 ¹²	5 ¹⁸	4.5
20	2	2	5	1	5	1	3	-----	-----	-----	-----	1st
30	3	1	6	2	6	1	2	3 ⁶	-----	-----	-----	2nd
40	4	6	1	4	3	1	1	2	4 ¹²	4 ¹²	5 ¹⁸	4.5
50	5	5	2	5	2	-	2	2	2	5	-----	6th
60	6	4	3	3	1	1	1	3 ⁷	-----	-----	-----	3rd

Answer 08-19

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	4	5	1	1	1	1	4	-----	-----	5th
20	3	5	5	6	5	-	-	1	1	4	-----	6th
30	1	6	3	2	6	1	2	3 ⁶	3 ⁶	3 ⁶	5 ¹⁸	3.5
40	2	3	2	1	4	1	3	-----	-----	-----	-----	1st
50	5	2	1	4	3	1	2	3 ⁶	4	-----	-----	2nd
60	6	1	6	3	2	1	2	3 ⁶	3 ⁶	3 ⁶	5 ¹⁸	3.5

Answer 08-20

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	2	6	1	2	2	3 ⁷	4	-----	4th
20	5	6	4	5	3	-	-	1	2	4	-----	6th
30	3	5	3	4	1	1	1	3 ⁷	4 ¹¹	5 ¹⁶	5 ¹⁶	2.5
40	1	3	6	1	2	2	3	-----	-----	-----	-----	1st
50	2	4	2	3	5	-	2	3 ⁷	4 ¹¹	5 ¹⁶	5 ¹⁶	2.5
60	6	2	1	6	4	1	2	2	3 ⁷	3	-----	5th

Answer 08-21

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	6	2	1	3	1	2	3 ⁶	3 ⁶	4 ¹¹	5 ¹⁷	2.5
20	6	5	3	2	1	1	2	3 ⁶	3 ⁶	4 ¹¹	5 ¹⁷	2.5
30	4	4	1	3	2	1	2	3 ⁶	5	-----	-----	1st
40	3	1	5	4	6	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	5
50	2	2	4	6	5	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	5
60	1	3	6	5	4	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	5

Answer 08-22

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	4	5	-	-	-	1	3 ¹⁴	-----	5th
20	2	1	4	6	2	1	3 ⁵	3	4	-----	-----	2nd
30	5	6	5	5	6	-	-	-	-	3 ¹⁵	-----	6th
40	4	2	1	3	3	1	2	4	-----	-----	-----	4th
50	1	4	2	2	4	1	3 ⁵	3	5	-----	-----	1st
60	3	3	3	1	1	2	2	5	-----	-----	-----	3rd

Answer 08-23

Majority needed 3

Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	1	1	1	4	-----	-----	-----	-----	-----	1st
20	3	3	4	4	2	-	1	3 ⁸	-----	-----	-----	4th
30	4	1	5	3	3	1	1	3 ⁷	4	-----	-----	2nd
40	2	2	3	6	5	-	2	3 ⁷	3	-----	-----	3rd
50	5	6	6	2	4	-	1	1	2	3 ¹¹	5 ²³	5.5
60	6	4	2	5	6	-	1	1	2	3 ¹¹	5 ²³	5.5

Tutorial 4

Tutorial 4 introduces the scrutineering of multi-dance events which combines two or more single dances and calculates the overall winner.

In this tutorial we study the following topics:

1. Learn the functions of a Final Summary worksheet.
2. Learn how to scrutineer a multi-dance event using Rule 9 of the Skating System.
3. Homework exercises.
4. Revision exercises for single dance events.
5. Answers.

You will notice this tutorial includes revision exercises for the single dance events learnt in previous tutorials. Calculation methods for single dance and multi-dance events are quite different and it's important to practice the ability to alternate between the two.

The Final Summary

The Final Summary is a specialised worksheet utilised by Scrutineers to calculate the overall results of a specific number of single dances which have been combined into one competition known as a multi-dance event.

When all dances have been concluded for a competition, the single dance sheets are collated, and marks are carried to a new chart, the Final Summary. This worksheet allows the Scrutineer to observe the results of all Couples in all dances together and make the relevant calculations required to obtain an overall result.

Shown below is a typical Final Summary used at dance competitions.

Couple No:	Waltz	Tango	Viennese	Foxtrot	Quickstep	Total	Result
10	1	2	1	2	2	8	1st
20	3	1	3	1	4	12	2nd
30	2	3	2	3	3	13	3rd
40	4	4	6	4	1	19	4th
50	5	5	4	5	6	25	5th
60	6	6	5	6	5	28	6th

What do all these numbers mean?

Here is a quick tour of the Final Summary.

- Couples back numbers are listed down the far left-hand side column.
- Names of the individual dances contested are listed along the top row, often depicted by their first letter only.
- The Couple placings in the individual dances are transferred from the single dance sheets and entered into the table in the appropriate boxes as displayed in white.
- The Total column shows the aggregate sum of all the individual place marks for each Couple.
- The Results column shows the overall result achieved by the Couple as computed using the Skating System rules.

Pictured below are two real examples of complete competitions showing the individual single dance calculations and their final summaries. These are copies of actual scrutineering sheets used at competitions in 1995 in Australia. Unfortunately, not all the information has been filled out, most likely this occurred due to poor time constraints which was a common problem for manual scrutineering. Sorry they also have Rule 10 and 11 ties which we will learn about in future tutorials!

Example: 1

COMPETITION THE MONASH DANCE FESTIVAL
VENUE UNION BUILDING, MONASH UNIVERSITY

ITEM. No.

ITEM:

DAT 29th. APRIL 1995

COUPLE																																																		DATE 2-20-2018															
No.	A	B	C	D	E	F	G	P	A	B	C	D	E	F	G	P	A	B	C	D	E	F	G	P	A	B	C	D	E	F	G	P	A	B	C	D	E	F	G	P																									
12	1	1	2	4	4			1	3	6	6	6	6			6	5	2	1	2	4			3	6	6	3	2	4			4	3	1	7/2	9/3	13/4																												
20	5	2	1	2	3			2	1	1	1	1	1			1	6	5	3	4	5			5	1	1	6	5	6			6	7/1	10/2	12/3					1																									
23	3	5	3	1	1			3	6	5	5	3	4			5	1	4	4	1	2			1	3	4	5	3	5			5	4/1	5/2	10/3	14/4																													
25	2	4	5	3	5			5	4	4	4	4	2			4	3	3	6	5	1			4	5	2	1	4	2			1	2/1	6/2	9/3	15/4				2																									
31	4	3	4	6	2			4	5	3	2	2	3			2	4	6	5	6	6			6	4	5	2	1	3			2			14/5					5																									
45	6	6	6	5	6			6	2	2	3	5	5			3	2	1	2	3	3			2	2	3	4	6	1			3			15/5																														

ADJUDICATORS.

- A.
 B.
 C.
 D.
 E.
 F.
 G.

Couple		FINAL SUMMARY					
No.						Points	Place
12	1	6	3	4		14	4
20	2	1	5	6		14	1
23	3	5	1	5		14	3
25	5	4	4	1		14	2
31	4	2	6	2		14	5
45	6	3	2	3		14	6

RESULTS

- 1st.
 2nd.
 3rd.
 4th.
 5th.
 6th.
 7th.
 8th.
 9th.
 10th.

Scrutineering multi-dance events (Rule 9)

Rule 9 is the fundamental rule used for calculating the ultimate winner of a multiple dance event. It is the most straightforward of all the Skating System rules and can be determined quickly.

If the result is a tie, further examination is required and Rule 10 must be applied. If the result still remains a tie, then Rule 11 is implemented as the ultimate tie-breaking rule. These rules will be explained in future tutorials.

Rule 9

Compilation of the Final Summary

(a) When all dances have been concluded a final summary is compiled showing the position achieved by each Couple in each dance. The place markings for each Couple are added together to give an overall total. The Couple with the lowest aggregate shall be the winner, the next second and so on.

(b) If two or more Couples have the same aggregate, then this results in a tie for the position under review and therefore Rule 10 and possibly Rule 11 must be applied.

In summary...

- The Couple in 1st place is given one mark, the second two, and so on.
- You simply add the place marks for each dance to give the overall TOTAL score.
- Whoever has the lowest score becomes the winner, the next second and so on with the Couple attaining the highest score placed last.
- If any Couples tie on the same aggregate, then we apply Rule 10 and if still tied we apply Rule 11.

As these calculations are relatively simple no in-depth explanations are needed, and we will move straight into some examples of Final Summaries demonstrating how Rule 9 calculations are presented.

Example of Rule 9 without ties:

The Final Summary tables shown below demonstrate how Rule 9 is applied to calculate the overall placings.

Example 1

Couple No:	Waltz	Tango	Viennese	Foxtrot	Quickstep	Total	Result
10	1	2	1	2	2	8	1st
20	3	1	3	1	4	12	2nd
30	2	3	2	3	3	13	3rd
40	4	4	6	4	1	19	4th
50	5	5	4	5	6	25	5th
60	6	6	5	6	5	28	6th

Example 2

Couple No:	Waltz	Tango	Viennese	Foxtrot	Quickstep	Total	Result
10	1	3.5	1	1	2	8.5	1st
20	3	1	2	2.5	1	9.5	2nd
30	4	3.5	6	4	3	20.5	4th
40	2	3.5	3	2.5	4	15	3rd
50	6	6	5	5	5	27	6th
60	5	3.5	4	6	6	24.5	5th

Example of Rule 9 with Couples involved in ties:

The following Final Summary presents two instances where couples have the same aggregate.

For the purpose of learning and practicing the application of Rule 9, we record our findings as shown in the table below.

Couple No:	Samba	Cha Cha	Rumba	Paso	Jive	Total	Rule 9 Result	Further actions needed
10	2	2	2	2	2	10	1st	
20	3	4	6	1	3	17	2nd	
30	1	6	1	4	6	18	Tied for 3rd	Apply Rule 10
40	5	1	3	5	4	18	Tied for 3rd	Apply Rule 10
50	6	3	5	6	1	21	Tied for 5th	Apply Rule 10
60	4	5	4	3	5	21	Tied for 5th	Apply Rule 10

Homework

Please complete the following exercises to make sure you fully understand how to calculate results for multi-dance events in a Final Summary. Check your answers as you go.

Exercise 09-01

Couple No:	W	F	Q	Total	Rule 9 Result	Further actions needed
10	5	4	6			
20	7	6	7			
30	4	5	4			
40	1	2	2			
50	6	7	3			
60	3	3	5			
70	2	1	1			

Exercise 09-02

Couple No:	S	C	R	Total	Rule 9 Result	Further actions needed
10	6	6	6			
20	5	5	5			
30	3	4	4			
40	2	1	1			
50	1	2	3			
60	4	3	2			

Exercise 09-03

Couple No:	W	T	Q	Total	Rule 9 Result	Further actions needed
10	1	1.5	1			
20	4	3	3			
30	2	1.5	2			
40	3	4	4			
50	6.5	5	6			
60	5	6	6			
70	8	7.5	8			
80	6.5	7.5	6			

Exercise 09-04

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	2	1	3	2			
20	4	1	2	2	1			
30	2	3	3	1	3			
40	5	4	4	5	5			
50	6	6	5	4	4			
60	3	5	6	6	6			

Exercise 09-05

Couple No:	S	C	R	J	Total	Rule 9 Result	Further actions needed
10	4	3.5	3	3			
20	2.5	3.5	2	1			
30	7	6	7	7			
40	6	5	6	6			
50	2.5	1	1	2			
60	1	2	4	5			
70	5	7	5	4			

Exercise 09-06

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	3.5	1	1	2			
20	3	1	2	2.5	1			
30	4	3.5	6	4	3			
40	2	3.5	3	2.5	4			
50	6	6	5	5	5			
60	5	3.5	4	6	6			

Exercise 09-07

Couple No:	W	T	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	1	1	1			
20	2	3	2	3			
30	3	2	3	2			
40	4	4	4	4			
50	5	5	5	5			
60	6	7	6	7			
70	7	6	7	6			

Exercise 09-08

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	5	5	6	6	5.5			
20	1.5	1	2	2.5	2.5			
30	4	3	3.5	1	4			
40	6	6	5	5	5.5			
50	1.5	2	1	2.5	2.5			
60	3	4	3.5	4	1			

Exercise 09-09

Couple No:	S	C	R	J	Total	Rule 9 Result	Further actions needed
10	5	6	1	1			
20	3	1	3	6			
30	1	4	4	4			
40	4	5	2	2			
50	2	3	5	3			
60	6	2	6	5			

Exercise 09-10

Couple No:	W	T	F	Q	Total	Rule 9 Result	Further actions needed
10	3	2	1	5			
20	2	4	4	1			
30	4	3	2	2			
40	1	1	3	6			
50	6	5	6	3			
60	5	6	5	4			

Exercise 09-11

Couple No:	S	C	R	J	Total	Rule 9 Result	Further actions needed
10	3	1	2	4			
20	1	4	6	2.5			
30	2	2	4	5.5			
40	5	5	3	1			
50	6	3	5	2.5			
60	4	6	1	5.5			

Exercise 09-12

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	1	6	2	1			
20	2	2	4	6	3			
30	3	3	2	3	6			
40	4	4	5	4	2			
50	5	5	3	1	5			
60	6	6	1	5	4			

Revision

Please complete the following single dance tables as revision exercises.

Exercise 08-24 Majority needed _____ not used

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	6	4	6							
20	5	2	3	6	5							
30	6	6	1	1	4							
40	1	4	2	5	3							
50	3	5	4	2	1							
60	4	1	5	3	2							

Exercise 08-25 Majority needed _____

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	1	2							
20	1	3	1	2	6							
30	2	5	4	3	3							
40	3	2	3	4	5							
50	6	6	6	6	4							
60	5	4	2	5	1							

Exercise 08-26 Majority needed _____

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	3	3	5	3									
20	7	4	2	4	1									
30	2	1	5	1	5									
40	6	6	4	3	2									
50	3	8	7	8	7									
60	5	5	8	7	8									
70	8	7	6	6	6									
80	4	2	1	2	4									

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	6	4	5	6	4							
20	1	6	4	6	4	2	6							
30	2	5	5	1	2	4	2							
40	6	2	2	5	1	3	1							
50	4	3	3	3	3	5	5							
60	5	1	1	2	6	1	3							

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	2	5	1	1	3	2							
20	3	4	1	2	4	1	6							
30	1	1	2	3	2	5	4							
40	2	3	3	6	5	2	5							
50	5	6	4	5	6	4	3							
60	6	5	6	4	3	6	1							

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	4	3	1	6									
20	2	3	1	2	1									
30	4	1	6	8	4									
40	5	2	2	6	3									
50	8	6	4	4	7									
60	6	7	5	5	8									
70	7	8	7	3	2									
80	3	5	8	7	5									

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	4	5	6							
20	4	5	6	2	2							
30	6	4	5	3	1							
40	3	6	2	4	5							
50	2	1	3	1	4							
60	5	2	1	6	3							

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	5	4	1	2	3									
20	1	2	5	5	1									
30	4	1	4	1	2									
40	2	3	3	4	7									
50	8	7	7	8	8									
60	6	6	8	6	5									
70	7	8	6	7	6									
80	3	5	2	3	4									

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	4	2	2	5	5							
20	6	4	1	1	3	6	3							
30	4	2	5	5	5	4	6							
40	2	1	6	4	4	3	2							
50	5	5	3	3	6	1	1							
60	3	6	2	6	1	2	4							

Couple No:	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	7	7	6	3	4	5	5	3	7								
20	4	5	7	7	3	3	7	5	4								
30	5	4	5	5	7	7	3	6	3								
40	6	3	3	4	5	6	6	4	6								
50	3	6	4	6	6	4	2	7	5								
60	2	2	2	2	2	1	4	1	2								
70	1	1	1	1	1	2	1	2	1								

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3							
20	3	1	3	1	2							
30	1	3	5	4	6							
40	6	2	4	2	5							
50	3	4	6	3	1							
60	2	6	2	5	4							

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	2	5	3	4	5									
20	1	4	5	1	2									
30	5	2	1	3	4									
40	4	1	4	2	1									
50	3	3	2	6	3									
60	7	7	8	5	6									
70	8	6	6	8	7									
80	6	8	7	7	8									

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	3	2	3	6	4							
20	2	3	1	4	6	5	5							
30	5	6	4	5	5	1	2							
40	6	4	5	6	4	2	1							
50	3	1	6	3	1	4	3							
60	4	5	2	1	2	3	6							

Answers

Answer 09-01

Couple No:	W	F	Q	Total	Rule 9 Result	Further actions needed
10	5	4	6	15	5th	
20	7	6	7	20	7th	
30	4	5	4	13	4th	
40	1	2	2	5	2nd	
50	6	7	3	16	6th	
60	3	3	5	11	3rd	
70	2	1	1	4	1st	

Answer 09-02

Couple No:	S	C	R	Total	Rule 9 Result	Further actions needed
10	6	6	6	18	6th	
20	5	5	5	15	5th	
30	3	4	4	11	4th	
40	2	1	1	4	1st	
50	1	2	3	6	2nd	
60	4	3	2	9	3rd	

Answer 09-03

Couple No:	W	T	Q	Total	Rule 9 Result	Further actions needed
10	1	1.5	1	3.5	1st	
20	4	3	3	10	3rd	
30	2	1.5	2	5.5	2nd	
40	3	4	4	11	4th	
50	6.5	5	6	17.5	6th	
60	5	6	6	17	5th	
70	8	7.5	8	23.5	8th	
80	6.5	7.5	6	20	7th	

Answer 09-04

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	2	1	3	2	9	1st	
20	4	1	2	2	1	10	2nd	
30	2	3	3	1	3	12	3rd	
40	5	4	4	5	5	23	4th	
50	6	6	5	4	4	25	5th	
60	3	5	6	6	6	26	6th	

Answer 09-05

Couple No:	S	C	R	J	Total	Rule 9 Result	Further actions needed
10	4	3.5	3	3	13.5	4th	
20	2.5	3.5	2	1	9	2nd	
30	7	6	7	7	27	7th	
40	6	5	6	6	23	6th	
50	2.5	1	1	2	6.5	1st	
60	1	2	4	5	12	3rd	
70	5	7	5	4	21	5th	

Answer 09-06

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	3.5	1	1	2	8.5	1st	
20	3	1	2	2.5	1	9.5	2nd	
30	4	3.5	6	4	3	20.5	4th	
40	2	3.5	3	2.5	4	15	3rd	
50	6	6	5	5	5	27	6th	
60	5	3.5	4	6	6	24.5	5th	

Answer 09-07

Couple No:	W	T	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	1	1	1	4	1st	
20	2	3	2	3	10	Tied 2nd	Apply Rule 10
30	3	2	3	2	10	Tied 2nd	Apply Rule 10
40	4	4	4	4	16	4th	
50	5	5	5	5	20	5th	
60	6	7	6	7	26	Tied 6th	Apply Rule 10
70	7	6	7	6	26	Tied 6th	Apply Rule 10

Answer 09-08

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	5	5	6	6	5.5	27.5	Tie 5th	Apply Rule 10
20	1.5	1	2	2.5	2.5	9.5	Tie 1st	Apply Rule 10
30	4	3	3.5	1	4	15.5	Tie 3rd	Apply Rule 10
40	6	6	5	5	5.5	27.5	Tie 5th	Apply Rule 10
50	1.5	2	1	2.5	2.5	9.5	Tie 1st	Apply Rule 10
60	3	4	3.5	4	1	15.5	Tie 3rd	Apply Rule 10

Answer 09-09

Couple No:	S	C	R	J	Total	Rule 9 Result	Further actions needed
10	5	6	1	1	13	Tie 1st	Apply Rule 10
20	3	1	3	6	13	Tie 1st	Apply Rule 10
30	1	4	4	4	13	Tie 1st	Apply Rule 10
40	4	5	2	2	13	Tie 1st	Apply Rule 10
50	2	3	5	3	13	Tie 1st	Apply Rule 10
60	6	2	6	5	19	6th	

Answer 09-10

Couple No:	W	T	F	Q	Total	Rule 9 Result	Further actions needed
10	3	2	1	5	11	Tie 1st	Apply Rule 10
20	2	4	4	1	11	Tie 1st	Apply Rule 10
30	4	3	2	2	11	Tie 1st	Apply Rule 10
40	1	1	3	6	11	Tie 1st	Apply Rule 10
50	6	5	6	3	20	Tie 5th	Apply Rule 10
60	5	6	5	4	20	Tie 5th	Apply Rule 10

Answer 09-11

Couple No:	S	C	R	J	Total	Rule 9 Result	Further actions needed
10	3	1	2	4	10	1st	
20	1	4	6	2.5	13.5	Tie 2nd	Apply Rule 10
30	2	2	4	5.5	13.5	Tie 2nd	Apply Rule 10
40	5	5	3	1	14	4th	
50	6	3	5	2.5	16.5	Tie 5th	Apply Rule 10
60	4	6	1	5.5	16.5	Tie 5th	Apply Rule 10

Answer 09-12

Couple No:	W	T	VW	SF	Q	Total	Rule 9 Result	Further actions needed
10	1	1	6	2	1	11	1st	
20	2	2	4	6	3	17	Tie 2nd	Apply Rule 10
30	3	3	2	3	6	17	Tie 2nd	Apply Rule 10
40	4	4	5	4	2	19	Tie 4th	Apply Rule 10
50	5	5	3	1	5	19	Tie 4th	Apply Rule 10
60	6	6	1	5	4	22	6th	

Revision Answers

Answer 08-24

Majority needed 3 not used

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	6	4	6	-	1	2	3 ⁹	----	----	5th
20	5	2	3	6	5	-	1	2	2	4	----	6th
30	6	6	1	1	4	2	2	2	3 ⁶	----	----	4th
40	1	4	2	5	3	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	----	2
50	3	5	4	2	1	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	----	2
60	4	1	5	3	2	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	----	2

Answer 08-25

Majority needed 3

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	1	2	2	3 ⁴	3	----	----	----	2nd
20	1	3	1	2	6	2	3 ⁴	4	----	----	----	1st
30	2	5	4	3	3	-	1	3 ⁸	4 ¹²	5 ¹⁷	----	3.5
40	3	2	3	4	5	-	1	3 ⁸	4 ¹²	5 ¹⁷	----	3.5
50	6	6	6	6	4	-	-	-	1	1	5	6th
60	5	4	2	5	1	1	2	2	3	----	----	5th

Answer 08-26

Majority needed 3

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	3	3	5	3	1	1	4	----	----	----	----	----	3rd
20	7	4	2	4	1	1	2	2	4	----	----	----	----	4th
30	2	1	5	1	5	2	3 ⁴	----	----	----	----	----	----	1st
40	6	6	4	3	2	-	1	2	3	----	----	----	----	5th
50	3	8	7	8	7	-	-	1	1	1	1	3 ¹⁷	5 ²⁵	7.5
60	5	5	8	7	8	-	-	-	-	2	2	3 ¹⁷	5 ²⁵	7.5
70	8	7	6	6	6	-	-	-	-	-	3	----	----	6th
80	4	2	1	2	4	1	3 ⁵	----	----	----	----	----	----	2nd

Answer 08-27

Majority needed 4

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	6	4	5	6	4	-	-	1	4 ¹⁵	----	----	6th
20	1	6	4	6	4	2	6	1	2	2	4 ¹¹	----	----	5th
30	2	5	5	1	2	4	2	1	4 ⁷	----	----	----	----	3rd
40	6	2	2	5	1	3	1	2	4 ⁶	----	----	----	----	2nd
50	4	3	3	3	3	5	5	-	-	4	----	----	----	4th
60	5	1	1	2	6	1	3	3	4 ⁵	----	----	----	----	1st

Answer 08-28

Majority needed 4

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	2	5	1	1	3	2	2	4 ⁶	5 ⁹	6 ¹³	7 ¹⁸	7 ¹⁸	1.5
20	3	4	1	2	4	1	6	2	3	4 ⁷	----	----	----	3rd
30	1	1	2	3	2	5	4	2	4 ⁶	5 ⁹	6 ¹³	7 ¹⁸	7 ¹⁸	1.5
40	2	3	3	6	5	2	5	-	2	4 ¹⁰	----	----	----	4th
50	5	6	4	5	6	4	3	-	-	1	3	5	----	5th
60	6	5	6	4	3	6	1	1	1	2	3	4	----	6th

Answer 08-29

Majority needed 3

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	1	4	3	1	6	2	2	3 ⁵	----	----	----	----	----	2nd
20	2	3	1	2	1	2	4	----	----	----	----	----	----	1st
30	4	1	6	8	4	1	1	1	3	----	----	----	----	4th
40	5	2	2	6	3	-	2	3 ⁷	----	----	----	----	----	3rd
50	8	6	4	4	7	-	-	-	2	2	3 ¹⁴	----	----	6th
60	6	7	5	5	8	-	-	-	-	2	3 ¹⁶	----	----	7th
70	7	8	7	3	2	-	1	2	2	2	2	4	----	8th
80	3	5	8	7	5	-	-	1	1	3	----	----	----	5th

Answer 08-30

Majority needed 3

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	4	5	6	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
20	4	5	6	2	2	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4
30	6	4	5	3	1	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
40	3	6	2	4	5	-	1	2	3 ⁹	----	----	6th
50	2	1	3	1	4	2	3	----	----	----	----	1st
60	5	2	1	6	3	1	2	3	----	----	----	2nd

Answer 08-31

Majority needed 3

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	5	4	1	2	3	1	2	3 ⁶	----	----	----	----	----	3rd
20	1	2	5	5	1	2	3 ⁴	3 ⁴	3	----	----	----	----	2nd
30	4	1	4	1	2	2	3 ⁴	3 ⁴	5	----	----	----	----	1st
40	2	3	3	4	7	-	1	3 ⁸	4 ¹²	4	----	----	----	5th
50	8	7	7	8	8	-	-	-	-	-	-	2	5	8th
60	6	6	8	6	5	-	-	-	-	1	4	----	----	6th
70	7	8	6	7	6	-	-	-	-	-	2	4	----	7th
80	3	5	2	3	4	-	1	3 ⁸	4 ¹²	5	----	----	----	4th

Answer 08-32

Majority needed 4

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	4	2	2	5	5	1	3	4 ⁸	5 ¹²	7	----	2nd
20	6	4	1	1	3	6	3	2	2	4 ⁸	5 ¹²	5 ¹²	7 ¹⁸	3.5
30	4	2	5	5	5	4	6	-	1	1	3	6	----	6th
40	2	1	6	4	4	3	2	1	3	4 ⁸	6	----	----	1st
50	5	5	3	3	6	1	1	2	2	4 ⁸	4	----	----	5th
60	3	6	2	6	1	2	4	1	3	4 ⁸	5 ¹²	5 ¹²	7 ¹⁸	3.5

Answer 08-33

Majority needed 5

Couple No:	Adjudicator									Place Calculation							Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	1-7	
10	7	7	6	3	4	5	5	3	7	-	-	2	3	5 ²⁰	---	---	7th
20	4	5	7	7	3	3	7	5	4	-	-	2	4	6 ²⁴	---	---	3rd
30	5	4	5	5	7	7	3	6	3	-	-	2	3	6 ²⁵	---	---	4th
40	6	3	3	4	5	6	6	4	6	-	-	2	4	5 ¹⁹	---	---	6th
50	3	6	4	6	6	4	2	7	5	-	1	2	4	5 ¹⁸	---	---	5th
60	2	2	2	2	2	1	4	1	2	2	8	---	---	---	---	---	2nd
70	1	1	1	1	1	2	1	2	1	7	---	---	---	---	---	---	1st

Answer 08-34

Majority needed 3

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4.5
20	3	1	3	1	2	2	3	---	---	---	---	1st
30	1	3	5	4	6	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4.5
40	6	2	4	2	5	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4.5
50	3	4	6	3	1	1	1	3	---	---	---	2nd
60	2	6	2	5	4	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4.5

Couple No:	Adjudicator					Place Calculation								Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	
10	2	5	3	4	5	-	1	2	3	----	----	----	----	5th
20	1	4	5	1	2	2	3 ⁴	3 ⁴	4	----	----	----	----	2nd
30	5	2	1	3	4	1	2	3	----	----	----	----	----	4th
40	4	1	4	2	1	2	3 ⁴	3 ⁴	5	----	----	----	----	1st
50	3	3	2	6	3	-	1	4	----	----	----	----	----	3rd
60	7	7	8	5	6	-	-	-	-	1	2	4	----	6th
70	8	6	6	8	7	-	-	-	-	-	2	3 ¹⁹	----	7th
80	6	8	7	7	8	-	-	-	-	-	1	3 ²⁰	----	8th

Couple No:	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	3	2	3	6	4	1	3	5 ¹¹	6 ¹⁵	6 ¹⁵	7 ²¹	1.5
20	2	3	1	4	6	5	5	1	2	3	4 ¹⁰	----	----	4th
30	5	6	4	5	5	1	2	1	2	2	3	6	----	6th
40	6	4	5	6	4	2	1	1	2	2	4 ¹¹	----	----	5th
50	3	1	6	3	1	4	3	2	2	5 ¹¹	6 ¹⁵	6 ¹⁵	7 ²¹	1.5
60	4	5	2	1	2	3	6	1	3	4	----	----	----	3rd

Tutorial 5

Tutorial 5 introduces the first of our tie breaking rules used to separate Couples tied in multi-dance events. It's the most complicated rule and as such will be studied in divided sections.

This tutorial covers the following topics:

1. The basic principles of Rule 10.
2. What is unique about Rule 10?
3. Calculation methods using Rule 10 of the Skating System.
4. Learn how to calculate results when Couples have received equal place marks for the position under review.
5. Learn how to deal with multiple Rule 10 ties.
6. Learn how to manage tied place marks (fractions) in Rule 10 calculations.
7. Study how Couples can remain tied under Rule 10 and the circumstances when we should apply Rule 11.
8. Homework.
9. Answers.

Rule 10 basics and why is it unique?

When Couples tie with the same aggregate in the Final Summary under Rule 9, they are in fact equal in all round efficiency.

Where this occurs, Rule 10 rewards the Couple who has attained the highest efficiency in the greatest number of dances in relation to, or higher than, the position under review.

Note we have used the word GREATEST, meaning the greatest amount or degree... the **MOST**.
(Just making sure you understood this!)

****Important:*** Rule 10 is the only rule within the Skating System that does **NOT** require a MAJORITY.

For calculations in Rule 10 we do not deal with majorities. As this principle is unique for Rule 10, we must always make sure we correctly adjust our thinking when moving between any other Skating System rule and Rule 10.

The Basic Rule 10 calculation

As mentioned, Rule 10 is quite complex so it's best to study the separate sections of the rule one at a time. This first part deals with the basic foundation calculations for Rule 10.

Rule 10(a) *If there is a tie under Rule 9 for 1st place, the winner shall be the Couple who have won the MOST dances. If the tie is for 2nd place, we count the 2nd and higher places and the Couple with the MOST 2nd and higher placings are awarded the position. Similarly, all other placings are treated in the same way.*

All Rule 10 calculations must commence and observe the following process.

- Identify the tied Couples being considered in the Rule 10 calculation.
- Note the position under review.
- Count the number of place marks (and higher placings where applicable) for each Couple in consideration.
- Award the Couple with the MOST place markings the awarded position.

To demonstrate the process of applying Rule 10 please follow the calculations and explanations given for the following two examples of Couples tied after the Rule 9 result.

Example 1:

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	1	1	2	5	9	Tie 1st	1st	Rule 10 – Most 1 st placings
20	3	3	1	2	9	Tie 1st	2nd	Rule 10 – Remaining couple in tie
30	2	5	4	4	15	Tie 3rd	4th	Rule 10 – Remaining couple in tie
40	4	2	3	6	15	Tie 3rd	3rd	Rule 10 – Most 3 rd and higher placings
50	6	6	5	1	18	Tie 5th	6th	Rule 10 – Remaining couple in tie
60	5	4	6	3	18	Tie 5th	5th	Rule 10 – Most 5 th and higher placings

Calculations:

Under Rule 9...

Couples 10 and 20 both have totals of 9 and are therefore tied on 1st place – Apply Rule 10.

Couples 30 and 40 both have totals of 15 and are therefore tied on 3rd place – Apply Rule 10.

Couples 50 and 60 both have totals of 18 and are therefore tied on 5th place – Apply Rule 10.

Under Rule 10...

- **Tie for 1st place**

Numbers 10 and 20 are both tied for 1st place under Rule 9.

Applying Rule 10 we now look for the Couple with the MOST 1st placings.

Couple 10 have 2 x 1st placings compared with Couple 20 who have 1 x 1st placings.

Therefore Couple 10 are awarded **1st place** and Couple 20 are awarded **2nd place** being the remaining Couple in the tie.

- **Tie for 3rd place**

Numbers 30 and 40 are both tied for 3rd place under Rule 9.

Applying Rule 10 we now look for the Couple with the MOST 3rd and higher placings.

Couple 40 have 2 x 3rd and higher placings, Couple 30 have only 1 x 3rd and higher placing, therefore Couple 40 are awarded **3rd place** and couple 30 awarded **4th place**.

- **Tie for 5th place**

Rule 10 can be applied in exactly the same way for Couples 50 and 60 looking for 5th and higher placings to give the result as per above, Couple 60 in **5th place** and Couple 50 in **6th place**.

Example 2:

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	3	1	1	1	6	1st		Rule 9
20	1	2	2	6	11	Tie 2nd	2nd	Rule 10 – Most 2 nd and higher placings
30	2	3	3	3	11	Tie 2nd	3rd	Rule 10 – Remaining couple in tie
40	4	4	4	5	17	Tie 4th	4th	Rule 10 – Most 4 th and higher placings
50	5	5	5	2	17	Tie 4th	5th	Rule 10 – Remaining couple in tie
60	6	6	6	4	22	6th		Rule 9

Under Rule 9...

Couple 10 has the lowest total and is therefore awarded **1st place**.

Couples 20 and 30 both have totals of 11 and are therefore tied on 2nd place – Apply Rule 10.

Couples 40 and 50 both have totals of 17 and are therefore tied on 4th place – Apply Rule 10.

Couple 60 has the highest total and is therefore awarded **6th place**.

Under Rule 10...

- **Tie for 2nd place**

Couples 20 and 30 are tied on 2nd place so we must find the Couple with the MOST 2nd and higher placings.

In this case we find Couple 20 has 3 x 2nd and higher placings, and Couple 30 has 1 x 2nd and higher placings.

We therefore award Couple 20 with **2nd place** and Couple 30 is awarded **3rd place** being the remaining Couple in the tie.

- **Tie for 4th place**

Couples 40 and 50 are tied on 4th place so we must find the Couple with the MOST 4th and higher placings.

In this case we find Couple 40 has 3 x 4th and higher placings, and Couple 50 has 1 x 4th and higher placings.

We therefore award Couple 40 with **4th place** and Couple 50 is awarded **5th place** being the remaining Couple in the tie.

Couples with equal place marks

This second section of Rule 10 deals with Couples that have obtained the same number of place marks under review and remain tied.

Rule 10(b) *If Couples remain tied by receiving the same number of placings for the position under review, then add together the place marks and award the position to the Couple with the lowest aggregate.*

This calculation is simple and straight forward and follows on from the previous calculation:

- Identify the tied Couples being considered in the Rule 10 calculation.
- Note the position under review.
- Count the number of place marks (and above if applicable) for each Couple in consideration.
- If the total amount of place marks is the same for both Couples, add the place marks together to find the aggregate.
- Award the Couple with the lowest aggregate the position under review.

Please follow the calculations in the following example to demonstrate the application of this rule.

Example 3:

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	2	1	1	1	5	1st		Rule 9
20	1	2	3	4	10	Tie 2nd	2nd	Rule 10 – Equal 2 nd and higher placings, lowest aggregate
30	3	3	2	2	10	Tie 2nd	3rd	Rule 10 – Remaining couple in tie
40	4	4	5	5	18	Tie 4th	5th	Rule 10 – Remaining couple in tie
50	6	5	4	3	18	Tie 4th	4th	Rule 10 – Equal 4 th and higher placings, lowest aggregate
60	5	6	6	6	23	6th		Rule 9

Under Rule 9...

Couple 10 has the lowest total and is therefore awarded **1st place**.

Couples 20 and 30 are tied for 2nd place, and Couples 40 and 50 are tied for 4th place – Apply Rule 10.

Couple 60 has the largest total and is awarded **6th place**.

Under Rule 10...

- **Tie for 2nd place**

Looking for 2nd place - Couples 20 and 30 are tied on 2nd place, we therefore count the 2nd and higher placings. Both Couples have received 2 x 2nd and higher placings so we now calculate the aggregate of these marks.

Couple 20 = 1st + 2nd = aggregate of 3

Couple 30 = 2nd + 2nd = aggregate of 4

Couple 20 have the lowest aggregate and are therefore awarded **2nd place**.

Couple 30 are awarded **3rd place** being the remaining Couple in the tie.

- **Tie for 4th place**

Looking for 4th place - Similarly Couples 40 and 50 are tied on 4th place, we therefore count the 4th and higher placings. Both Couples have received 2 x 4th and higher placings so we now calculate the aggregate of these marks.

Couple 40 = 4th + 4th = aggregate of 8

Couple 50 = 4th + 3rd = aggregate of 7

Accordingly Couple 50 is awarded **4th place** having the lowest aggregate and Couple 40 are awarded **5th place** being the remaining Couple in the tie.

Dealing with multiple Rule 10 ties

I'm sure you must be seeing a pattern here... there are always more complications and this one is no exception! This section of Rule 10 deals with situations that arise when more than two Couples are tied for the same position under Rule 9.

Rule 10(c) *Dealing with multiple ties – If more than 2 Couples tie for example 2nd place, use the above rules (10a and 10b) to award 2nd place. Then considering the remaining tied Couples, use the above rules to award 3rd place. Continue until all tied Couples have been awarded prizes.*

This calculation again follows on from the previous calculations however you must make sure you follow the procedure in order to correctly award each Couple:

- Identify the tied Couples being considered in the Rule 10 calculation.
- Note the position under review.
- Count the number of place marks (and above if applicable) for each Couple in consideration.
- If the total amount of place marks is the same for 2 or more Couples, add the place marks together to find the aggregate.
- Award the Couple with the lowest aggregate the position under review.
- Now repeat the process from the **beginning** for the remaining tied Couples for the next position under review.
- Continue to repeat this process until all tied Couples have been awarded positions.

To better understand how we deal with these situations, please follow the calculations in the following example to demonstrate the application of this rule.

Example 4:

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	2	2	2	4	10	1st		Rule 9
20	1	1	6	5	13	Tie 2nd	2nd	Rule 10 – Most 2 nd and higher placings
30	6	3	1	3	13	Tie 2nd	3rd	Rule 10 – Most 3 rd and higher placings
40	4	4	4	1	13	Tie 2nd	4th	Rule 10 – Most 4 th and higher placings
50	3	5	3	2	13	Tie 2nd	5th	Rule 10 – Remaining couple in tie
60	5	6	5	6	22	6th		Rule 9

Under Rule 9...

Couple 10 has the lowest total and is therefore awarded **1st place**.

Couples 20, 30, 40 and 50 are all tied on a total of 13 for 2nd place – Apply Rule 10.

Couple 60 has the largest total and is therefore awarded **6th place**.

Under Rule 10...

- **Tie for 2nd place**

Looking for 2nd place - Couples 20, 30, 40 and 50 are tied on 2nd place, we therefore count the 2nd and higher placings. Couple 20 has 2 x 2nd placings, Couple 30 has 1 x 2nd placings, Couple 40 has 1 x 2nd placings, Couple 50 has 1 x 2nd above placings. With the MOST 2nd and higher placings we award Couple 20 with **2nd place**.

- **Now looking at the Tie for 3rd place**

Looking for 3rd place – Couples 30, 40 and 50 remain tied on 3rd place, we therefore count the 3rd and higher placings. Couple 30 has 3 x 3rd and higher placings, Couple 40 has 1 x 3rd and higher placings, Couple 50 have 3 x 3rd and higher placings.

Note both Couple 30 and Couple 50 have the MOST with 3 x 3rd and higher placings. As they remained tied we now calculate the aggregate of 3rd and higher placings.

Couple 30 = 3rd + 1st + 3rd = aggregate of 7

Couple 50 = 3rd + 3rd + 2nd = aggregate of 8

Accordingly Couple 30 is awarded **3rd place** having the lowest aggregate.

- **Now looking at the Tie for 4th place**

Looking for 4th place – Couples 40 and 50 remain tied for 4th place, we therefore count the 4th and higher placings. Couple 40 has 4 x 4th and higher placings, Couple 50 has 3 x 4th and higher placings. Having the MOST 4th and higher placings, we award **4th place** to Couple 40. Couple 50 is awarded **5th place** being the remaining Couple in the tie.

How to deal with 1/2 marks (fractions)

Remember those instances when Couples tied on a single dance and were awarded the mean of the places shared by the tied Couples? This section explains how we should handle these fractions whilst making Rule 10 calculations.

Rule 10(d) *When dealing with $\frac{1}{2}$ marks (fractions) in the Final Summary due to tied place marks, the places must be considered together with the next lower position.*

For instance, a Couple who is awarded 3rd place is ranked better than a Couple who achieved a tied placing of 3 $\frac{1}{2}$. Therefore, the place mark 3 $\frac{1}{2}$ must be included in the “4th and higher” place marks and not with the “3rd and higher” place marks.

You will notice fractional marks are sometimes referred to as fractions and other times as their digital counterpart. Both are correct and either notation can be used in calculations.

Here are some examples of fractional marks:

- 2.5 (or 2 $\frac{1}{2}$) is counted as “3rd or higher” mark
- 3.5 (or 3 $\frac{1}{2}$) is counted as a “4th and higher” mark
- 4.5 (or 4 $\frac{1}{2}$) is counted as a “5th and higher” mark

To help fully understand this section of Rule 10, please study the calculations presented for the example shown below.

Example 5:

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	1	5.5	4	6	16.5	Tie 3rd	3rd	Rule 10 – Equal 3 rd and higher placings, lowest aggregate
20	6	3.5	5	2	16.5	Tie 3rd	4th	Rule 10 – Remaining couple in tie
30	2	2	3	1	8	Tie 1st	2nd	Rule 10 – Remaining couple in tie
40	3	1	1	3	8	Tie 1st	1st	Rule 10 – Most 1 st placings
50	4	3.5	6	4	17.5	Tie 5th	5th	Rule 10 – Equal 5 th and higher placings, lowest aggregate
60	5	5.5	2	5	17.5	Tie 5th	6th	Rule 10 – Remaining couple in tie

Calculations:

Under Rule 9...

Couples 30 and 40 are tied for 1st place.

Couples 10 and 20 are tied for 3rd place.

Couples 50 and 60 are tied for 5th place.

Under Rule 10...

- **Tie for 1st place**

1st place goes to Couple 40 having the MOST 1st placings

2nd place goes to Couple 30 being the remaining Couple in the tie.

- **Tie for 3rd place**

Looking for 3rd place – Both Couples 10 and 20 have 1 x 3rd and higher placing. As they remain tied, we therefore proceed to calculate the aggregates. In this case it's very easy with only one place mark each, Couple 10 having an aggregate of 1 and Couple 20 having an aggregate of 2. Hence Couple 10 is awarded 3rd place and Couple 20 awarded 4th place being the remaining Couple in the tie.

- **Tie for 5th place**

Looking for 5th place – Both Couples 50 and 60 have 3 x 5th and higher placings. As they remain tied we calculate the aggregates.

Couple 50 = 4th + 3.5th + 4th = Aggregate of 11.5

Couple 60 = 5th + 2nd + 5th = Aggregate of 12

Accordingly Couple 50 are awarded 5th place and Couple 60 awarded 6th place being the remaining Couple in the tie.

When do we apply Rule 11?

This section deals with circumstances where couples remain tied under Rule 10 and Rule 11 must be applied.

Shown below is a summary of these instances.

Rule 10(e) *Couples will remain tied under Rule 10 in the following instances and Rule 11 must be applied, but only to the Couples actually concerned in the tie.*

When the tie is for 1st place:

- ***If the tied Couples have won the same number of dances.***
- ***None of the tied Couples have actually won a dance.***

When the tie is for a place other than 1st:

- ***If the tied Couples have the same number of place marks for the place under review and their aggregates are equal.***
- ***If none of the tied Couples have actually won a place mark or higher corresponding to the position under review.***

The following detailed examples over the next few pages show worked calculations to demonstrate how Couples remain tied for each given situation.

Example 6:

If the tie is for 1st place and the tied Couples have won the same number of dances.

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	1	1	3	5	10	Tie 1st	Tie 1st	Rule 10 – Equal number of 1 st places – Apply Rule 11
20	4	4	1	1	10	Tie 1st	Tie 1st	
30	2	5	2	2	11	3rd		Rule 9
40	3	6	4	3	16	4th		Rule 9
50	5	2	6	4	17	5th		Rule 9
60	6	3	5	6	20	6th		Rule 9

Calculations:

Under Rule 10...

- Tie for 1st place

Looking for 1st place - Couples 10 and 20 both have 2 x 1st placings. At this stage they are both considered equal and Rule 11 must be applied.

Example 7:

If the tie is for 1st place and none of the tied Couples have actually won a dance.

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	3	5	2	2	12	Tie 1st	Tie 1st	Rule 10 – No placings for position under review – Apply Rule 11
20	2	2	4	4	12	Tie 1st	Tie 1st	
30	1	6	3	3	13	3rd		
40	4	4	5	1	14	4th		
50	5	3	1	6	15	5th		
60	6	1	6	5	18	6th		

Calculations:

Under Rule 10...

- Tie for 1st place

Looking for 1st place - In the example above, it can be easily seen that looking for 1st place, neither Couple 10 or 20 have received a 1st place mark.

At this stage they are both considered equal and Rule 11 must be applied.

Example 8:

If the tied Couples have the same number of place marks for the place under review and their aggregates are equal.

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	4	1	6	1	12	1st		Rule 9
20	2	2	4	5	13	Tie 2nd	Tie 2nd	Rule 10 – Equal 2 nd and higher placings, equal aggregate – Apply Rule 11
30	3	6	2	2	13	Tie 2nd	Tie 2nd	
40	5	5	1	3	14	4th		Rule 9
50	6	3	3	4	16	Tie 5th	Tie 5th	Rule 10 – Equal 5 th and higher placings, equal aggregate – Apply Rule 11
60	1	4	5	6	16	Tie 5th	Tie 5th	

Calculations:

Under Rule 10...

- **Tie for 2nd place**

Looking for 2nd place - Couples 20 and 30 both have 2 x 2nd and higher placings. We therefore calculate the aggregates of these place markings.

Couple 20 = 2nd + 2nd = Aggregate of 4

Couple 30 = 2nd + 2nd = Aggregate of 4

Both aggregates are equal so both Couples remain tied under Rule 10 and Rule 11 must be applied.

- **Tie for 5th place**

Looking for 5th place – A similar situation has occurred for Couples 50 and 60. Both couples have received equal 5th and higher placings. By calculating the aggregates, we find both Couples remain tied having equal aggregates.

Couple 50 = 3rd + 3rd + 4th = Aggregate of 10

Couple 60 = 1st + 4th + 5th = Aggregate of 10

Rule 11 must therefore be applied to Couples 50 and 60 for 5th place.

Example 9:

If none of the tied Couples have actually won a place mark or higher corresponding to the position under review.

Couple No:	W	T	F	Q	Total	Result Rule 9	Result Rule 10	Reason
10	1	1	1	1	4	1st		
20	3	4	5	3	15	Tie 2nd		Rule 10 – No placings for position under review – Apply Rule 11
30	4	3	4	4	15	Tie 2nd		
40	6	2	6	2	16	4th		
50	2	6	3	5.5	16.5	5th		
60	5	5	2	5.5	17.5	6th		

Calculations:

Under Rule 10...

- **Tie for 2nd place**

Looking for 2nd place – In this example neither Couple 20 nor 30 have received a 2nd or higher place mark and are considered equal at this stage. Rule 11 must be applied for 2nd place.

Homework

Please complete the following exercises to your understanding of Rule 10. Make sure the “Reason” column is filled out correctly as these answers will be a part of your examination.

Exercise 10-01

Couple	W	T	SF	Q	Total	Place	Rule/Reason
10	2	1	6	3			
20	1	6	4	1			
30	6	2	2	2			
40	3	4	1	4			
50	4	5	3	6			
60	5	3	5	5			

Exercise 10-02

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	6	2	1			
20	2	2	4	6	3			
30	3	3	2	3	6			
40	4	4	5	4	2			
50	5	5	3	1	5			
60	6	6	1	5	4			

Exercise 10-03

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	4	3	2			
20	2	2	2	1	4			
30	3	3	1	4	3			
40	4	4	3	2	1			
50	5	5	6	5	5			
60	6	6	5	6	6			

Exercise 10-04

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	6	2	5			
20	2	2	4	6	1			
30	3	3	2	3	4			
40	4	4	5	4	3			
50	5	5	3	1	6			
60	6	6	1	5	2			

Exercise 10-05

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	2	6	2	5			
20	2	3	4	6	1			
30	3	4	2	3	4			
40	6	1	1	4	3			
50	5	6	3	1	6			
60	4	5	5	5	2			

Exercise 10-06

Couple	W	T	SF	Q	Total	Place	Rule/Reason
10	5	2	2	2			
20	1	6	4	4			
30	6	1	5	3			
40	4	3	1	6			
50	2	5	6	1			
60	3	4	3	5			

Exercise 10-07

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	3	3	2			
20	2	2	1	1	4			
30	3	3	2	4	3			
40	4	4	4	2	1			
50	6	6	5.5	5	5			
60	5	5	5.5	6	6			

Exercise 10-08

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	4	2	1	4	4			
20	3	4	2	3	3			
30	5	3	4	2	1			
40	6	1	3	1	5			
50	2	5	5	6	6			
60	1	6	6	5	2			

Exercise 10-09

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	2	5	2	5			
20	2.5	6	6	1	6			
30	2.5	3.5	3	4	4			
40	4	5	4	3	1			
50	6	1	2	5.5	3			
60	5	3.5	1	5.5	2			

Exercise 10-10

Couple	W	T	F	Q	Total	Result	Reason
10	5	6	1	1			
20	3	1	3	6			
30	1	4	4	4			
40	4	5	2	2			
50	2	3	5	3			
60	6	2	6	5			

Exercise 10-11

Couple	W	T	F	Q	Total	Result	Reason
10	3	2	1	5			
20	2	4	4	1			
30	4	3	2	2			
40	1	1	3	6			
50	6	5	6	3			
60	5	6	5	4			

Exercise 10-12

Couple	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5			
20	3	3	5	1.5			
30	1	5	1	6			
40	6	1	3	3			
50	2	6	4	4.5			
60	4	2	6	4.5			

Exercise 10-13

Couple	W	T	F	Q	Total	Result	Reason
10	5	1	2	1			
20	6	5	3	2			
30	1	4	5	6			
40	2	6	4	4			
50	4	3	6	3			
60	3	2	1	5			

Exercise 10-14

Couple	W	T	F	Q	Total	Result	Reason
10	1	4	2	3			
20	6	6	3	1			
30	2	2	6	6			
40	5	5	4	2			
50	3	3	5	5			
60	4	1	1	4			

Exercise 10-15

Couple	W	T	F	Q	Total	Result	Reason
10	6	2	2	4			
20	5	4	4	1			
30	4	5	3	2			
40	3	3	5	3			
50	1	1	6	6			
60	2	6	1	5			

Exercise 10-16

Couple	W	T	F	Q	Total	Result	Reason
10	5	6	1	1			
20	3	1	3	6			
30	1	4	4	4			
40	4	5	2	2			
50	2	3	5	3			
60	6	2	6	5			

Exercise 10-17

Couple	W	T	F	Q	Total	Result	Reason
10	3	2	1	5			
20	2	4	4	1			
30	4	3	2	2			
40	1	1	3	6			
50	6	5	6	3			
60	5	6	5	4			

Exercise 10-18

Couple	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5			
20	3	3	5	1.5			
30	1	5	1	6			
40	6	1	3	3			
50	2	6	4	4.5			
60	4	2	6	4.5			

Answers

Answer 10-01

Couple	W	T	SF	Q	Total	Place	Rule/Reason
10	2	1	6	3	12	3rd	Rule 10, most 3 rd and higher placings
20	1	6	4	1	12	1st	Rule 10, most 1 st placings
30	6	2	2	2	12	2nd	Rule 10, most 2 nd and higher placings
40	3	4	1	4	12	4th	Remaining place in tie
50	4	5	3	6	18	6th	Remaining place in tie
60	5	3	5	5	18	5th	Rule 10, most 5 th and higher placings

Answer 10-02

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	6	2	1	11	1st	Rule 9
20	2	2	4	6	3	17	2nd	Rule 10, most 2 nd and higher placings
30	3	3	2	3	6	17	3rd	Remaining place in tie
40	4	4	5	4	2	19	4th	Rule 10, most 4 th and higher placings
50	5	5	3	1	5	19	5th	Remaining place in tie
60	6	6	1	5	4	22	6th	Rule 9

Answer 10-03

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	4	3	2	11	1st	Rule 10, most 1 st places
20	2	2	2	1	4	11	2nd	Remaining place in tie
30	3	3	1	4	3	14	3rd	Rule 10, most 3 rd and higher placings
40	4	4	3	2	1	14	4th	Remaining place in tie
50	5	5	6	5	5	26	5th	Rule 9
60	6	6	5	6	6	29	6th	Rule 9

Answer 10-04

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	6	2	5	15	1st	Rule 10, most 1 st places
20	2	2	4	6	1	15	2nd	Rule 10, most 2 nd and higher placings
30	3	3	2	3	4	15	3rd	Remaining place in tie
40	4	4	5	4	3	20	4th	Rule 10, most 4 th and higher placings
50	5	5	3	1	6	20	5th	Rule 10, most 5 th and higher placings
60	6	6	1	5	2	20	6th	Remaining place in tie

Answer 10-05

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	2	6	2	5	16	2nd	Rule 10, most 2 nd and higher placings
20	2	3	4	6	1	16	3rd	Rule 10, equal 3 rd and higher placings, lowest aggregate
30	3	4	2	3	4	16	4th	Remaining place in tie
40	6	1	1	4	3	15	1st	Rule 9
50	5	6	3	1	6	21	6th	Remaining place in tie
60	4	5	5	5	2	21	5th	Rule 10, most 5 th and higher placings

Answer 10-06

Couple	W	T	SF	Q	Total	Place	Rule/Reason
10	5	2	2	2	11	1st	Rule 9
20	1	6	4	4	15	4th	Rule 10, equal 4 th and higher placings, lowest aggregate
30	6	1	5	3	15	6th	Remaining place in tie
40	4	3	1	6	14	3rd	Remaining place in tie
50	2	5	6	1	14	2nd	Rule 10, most 2 nd and higher placings
60	3	4	3	5	15	5th	Rule 10, most 5 th and higher placings

Answer 10-07

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	1	3	3	2	10	Tie 1	Apply Rule 11 – equal 1 st places
20	2	2	1	1	4	10	Tie 1	Apply Rule 11 - equal 1 st places
30	3	3	2	4	3	15	3rd	Rule 10, most 3 rd and higher placings
40	4	4	4	2	1	15	4th	Remaining place in tie
50	6	6	5.5	5	5	27.5	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates
60	5	5	5.5	6	6	27.5	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates

Answer 10-08

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	4	2	1	4	4	15	Tie 2	Apply Rule 11 – equal 2 nd places
20	3	4	2	3	3	15	4th	Remaining place in tie
30	5	3	4	2	1	15	Tie 2	Apply Rule 11 – equal 2 nd places
40	6	1	3	1	5	15	1st	Rule 10, most 1 st places
50	2	5	5	6	6	24	6th	Rule 9
60	1	6	6	5	2	20	5th	Rule 9

Answer 10-09

Couple	W	T	VW	SF	Q	Total	Place	Rule/Reason
10	1	2	5	2	5	15	1st	Rule 9
20	2.5	6	6	1	6	21.5	6th	Rule 9
30	2.5	3.5	3	4	4	17	4th	Remaining place in tie
40	4	5	4	3	1	17	3rd	Rule 10, equal 3 rd and higher placings, lowest aggregate
50	6	1	2	5.5	3	17.5	5th	Rule 9
60	5	3.5	1	5.5	2	17	2nd	Rule 10, most 2 nd and higher placings

Answer 10-10

Couple	W	T	F	Q	Total	Result	Reason
10	5	6	1	1	13	1st	Rule 10, most 1 st places
20	3	1	3	6	13	Tie 2	Apply Rule 11 – equal 2 nd placings, equal lowest aggregates
30	1	4	4	4	13	Tie 2	Apply Rule 11 – equal 2 nd placings, equal lowest aggregates
40	4	5	2	2	15	5th	Rule 9
50	2	3	5	3	13	4th	Remaining place in tie – equal 2 nd placings, equal lowest aggregates
60	6	2	6	5	19	6th	Rule 9

Answer 10-11

Couple	W	T	F	Q	Total	Result	Reason
10	3	2	1	5	11	Tie 2	Apply Rule 11 – equal 2 nd placings, equal lowest aggregates
20	2	4	4	1	11	Tie 2	Apply Rule 11 – equal 2 nd placings, equal lowest aggregates
30	4	3	2	2	11	4th	Remaining place in tie – equal 2 nd placings, equal lowest aggregates
40	1	1	3	6	11	1st	Rule 10, most 1 st places
50	6	5	6	3	20	6th	Remaining place in tie
60	5	6	5	4	20	5th	Rule 10, most 5 th and higher placings

Answer 10-12

Couple	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5	12.5	Tie 1	Apply Rule 11 – no 1 st places
20	3	3	5	1.5	12.5	Tie 1	Apply Rule 11 – no 1 st places
30	1	5	1	6	13	4th	Remaining place in tie
40	6	1	3	3	13	3rd	Rule 10, most 3 rd and higher placings
50	2	6	4	4.5	16.5	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates
60	4	2	6	4.5	16.5	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates

Answer 10-13

Couple	W	T	F	Q	Total	Result	Reason
10	5	1	2	1	9	1st	Rule 9
20	6	5	3	2	16	3rd	Rule 10, equal 3 rd and higher placings, lowest aggregate
30	1	4	5	6	16	6th	Remaining place in tie
40	2	6	4	4	16	Tie 4	Apply Rule 11 – equal 4 th placings, equal aggregates
50	4	3	6	3	16	Tie 4	Apply Rule 11 – equal 4 th placings, equal aggregates
60	3	2	1	5	11	2nd	Rule 9

Answer 10-14

Couple	W	T	F	Q	Total	Result	Reason
10	1	4	2	3	10	2nd	Remaining place in tie
20	6	6	3	1	16	Tie 3	Apply Rule 11 – equal 3 rd placings, equal aggregates
30	2	2	6	6	16	Tie 3	Apply Rule 11 – equal 3 rd placings, equal aggregates
40	5	5	4	2	16	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates
50	3	3	5	5	16	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates
60	4	1	1	4	10	1st	Rule 10, most 1 st places

Answer 10-15

Couple	W	T	F	Q	Total	Result	Reason
10	6	2	2	4	14	4th	Rule 10, equal 4 th and higher placings, lowest aggregate
20	5	4	4	1	14	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates
30	4	5	3	2	14	Tie 5	Apply Rule 11 – equal 5 th placings, equal aggregates
40	3	3	5	3	14	3rd	Rule 10, most 3 rd and higher placings
50	1	1	6	6	14	1st	Rule 10, most 1 st places
60	2	6	1	5	14	2nd	Rule 10, equal 2 nd and higher placings, lowest aggregate

Answer 10-16

Couple	W	T	F	Q	Total	Result	Reason
10	5	6	1	1	13	1st	Rule 10, most 1 st places
20	3	1	3	6	13	3rd	Rule 10, equal 3 rd and higher placings, lowest aggregate
30	1	4	4	4	13	4th	Rule 10, most 4 th and higher placings
40	4	5	2	2	13	2nd	Rule 10, most 2 nd and higher placings
50	2	3	5	3	13	5th	Remaining place in tie
60	6	2	6	5	19	6th	Rule 9

Answer 10-17

Couple	W	T	F	Q	Total	Result	Reason
10	3	2	1	5	11	Tie 2	Apply Rule 11 – equal 2 nd placings, equal lowest aggregates
20	2	4	4	1	11	Tie 2	Apply Rule 11 – equal 2 nd placings, equal lowest aggregates
30	4	3	2	2	11	4th	Remaining place in tie – equal 2 nd placings, equal lowest aggregates
40	1	1	3	6	11	1st	Rule 10, most 1 st places
50	6	5	6	3	20	6th	Remaining place in tie
60	5	6	5	4	20	5th	Rule 10, most 5 th and higher placings

Answer 10-18

Couple	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5	12.5	Tie 1	Apply Rule 11 – no 1 st places
20	3	3	5	1.5	12.5	Tie 1	Apply Rule 11 – no 1 st places
30	1	5	1	6	13	4th	Remaining place in tie
40	6	1	3	3	13	3rd	Rule 10, most 3 rd and higher placings
50	2	6	4	4.5	16.5	Tie 5	Apply Rule 11 – equal 5 th & higher placings, equal aggregates
60	4	2	6	4.5	16.5	Tie 5	Apply Rule 11 – equal 5 th & higher placings, equal aggregates

Tutorial 6

We now come to the last tutorial involving explanations of rules in the Skating System.

In Tutorial 6 we will cover the following topics:

1. What is Rule 11?
2. The procedure for applying Rule 11.
3. Dealing with multiple ties and the Second Inspection.
4. How to handle Couples that remain tied after Rule 11 application.
5. Accuracy tips for Rule 11 calculations.
6. Homework.
7. Answers.

What is Rule 11?

Rule 11 is the ultimate tie breaking tool used by Scrutineers when results remain tied after the application of Rules 9 and 10.

In other words, we join all the dances involved in the competition final together to form one large individual dance. We then apply the rules governing a single dance event to calculate the place markings i.e. Rules 5 to 8 of the Skating System.

Rule 11 *When Couples remain tied even after the application of Rules 9 and 10, re-calculate the event considering the Judges markings of the tied Couples over all dances, as a large single dance.*

The explanation of Rule 11 has been split into two scenarios, dealing with ties between 2 couples and dealing with ties between multiple couples. Three examples with full workings and calculations have been provided to help with understanding the various processes involved in applying Rule 11.

Procedure for applying Rule 11

The principles of applying Rule 11 are quite simple however when dealing with large amounts of data mistakes can easily be made. It is advisable to work through each Rule 11 calculation by carefully following the procedures as set out in this tutorial.

Most importantly, all couples taken to a Rule 11 must be placed before you consider placing anyone else in the Final Summary. They are equally better than any other unplaced couples and therefore must be placed before considering any other couples not included in the Rule 11 tie at this time.

If only two couples are in the tie, then the best couple is awarded the place under review and the next placing goes to the remaining couple in the tie. If you have 3, 4 or more couples, then the best couple is awarded the place under review and the remaining couples in the Rule 11 application must go through a process known as the Second Inspection. Explanations for these two scenarios are as follows including a fully worked example calculation.

(a) Dealing with ties between 2 Couples

1. Establish the majority needed.
If you have 5 Adjudicators and 4 dances, then the majority needed is 11.
If you have 7 Adjudicators and 5 dances, then the majority needed is 18 etc.
2. Ascertain which Couple holds an absolute majority of the placings under review the same as you would under Rule 5.
Note we only need to commence calculations from the position under review for Rule 11, unlike starting at 1st place marks in a normal Rule 5. In other words, if the tie is for 3rd place then we start counting positions 3rd and higher.
3. If both couples hold a majority of places under review, allocate the place to the Couple with the largest majority as per Rule 6.
4. If both couples happen to hold an equal majority then calculate the aggregate of all placings under review as per Rule 7(a). The couple with the lowest aggregate is awarded the place under review.
5. If both couples happen to hold an equal majority and equal aggregate, then continue using the procedure using the next place marks as per Rule 7(b) until the Couple with the greatest majority is found.

6. If neither couple holds a majority then apply the same procedure using the next place marks as per Rule 8 until a majority vote is found.
7. The best couple is awarded the place under review.
8. In this situation with only 2 Couples involved in the Rule 11, the next placing would go to the remaining couple in the tie.

Let's now work through some complete examples to understand the application and calculations for Rule 11.

Example 1:

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	1	2	5	3	1	2	2	3	4	2	2	5	1	5	2	6	2	6	1
20	2	2	5	2	5	5	3	1	2	2	1	1	2	5	2	1	5	1	5	2
30	4	5	3	1	1	3	1	3	1	3	5	6	3	2	3	3	2	4	2	4
40	3	3	6	3	6	4	4	4	4	1	3	3	1	3	6	5	1	5	1	3
50	6	6	1	4	4	2	5	5	5	5	6	4	6	6	4	4	4	6	3	6
60	5	4	4	6	2	6	6	6	6	6	4	5	4	4	1	6	3	3	4	5

FINAL SUMMARY

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	1	2	2	6	Tie 1st	Tie 1st	2nd			Remaining Couple in tie	
20	2	2	1	1	6	Tie 1st	Tie 1st	1st			Rule 11 – 1 st place, largest majority	
30	3	3	4	4	14	Tie 3rd	Tie 3rd	3rd			Rule 11 – 3 rd place, largest majority	
40	4	4	3	3	14	Tie 3rd	Tie 3rd	4th			Remaining Couple in tie	
50	5	5	6	6	22	Tie 5th	Tie 5th	6th			Remaining Couple in tie	
60	6	6	5	5	22	Tie 5th	Tie 5th	5th			Rule 11 – 5 th place, equal majority, lowest aggregate	

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	5	12	-----	-----	-----	-----	2 nd
20	5	13	-----	-----	-----	-----	1 st
30			14	-----	-----	-----	3 rd
40			11	-----	-----	-----	4 th
50					13 ⁵⁰	-----	6 th
60					13 ⁴⁸	-----	5 th

Calculations:

What is our majority?

We must first determine what majority is needed with 5 Adjudicators and 4 dances treated as a single dance.

4 Dances x 5 Adjudicators = 20 Majority = 11

Under Rule 10...

Couples 10 and 20 are tied for 1st position.

Couples 30 and 40 are tied for 3rd position.

Couples 50 and 60 are tied for 5th position.

Apply Rule 11 for Couples 10 and 20

We are looking for 1st position so we count the amount of 1st placings couples 10 and 20 have obtained over the 4 dances. Couple 10 has 5 x 1st placings and Couple 20 also has 5 x 1st placings. Neither has a majority of 11, therefore we now continue and count the total 2nd and higher placings. Couple 10 has 12 x 2nd and higher placings, and Couple 20 have 13 x 2nd and higher placings. Couple 20 has attained a greater number of 2nd and higher placings and therefore receives 1st place. Couple 10 is the remaining couple in this Rule 11 tie and therefore receives 2nd place.

Apply Rule 11 for Couples 30 and 40

We are now looking for 3rd position so we count the amount of 3rd and higher placings for Couples 30 and 40 over the 4 dances. Couple 30 received 14 x 3rd and higher placings, and Couple 40 received 11 x 3rd and higher placings. Both Couples have attained a majority however Couple 30 has the greater majority and therefore receives 3rd place. Couple 40 is the remaining couple in this Rule 11 tie and therefore receives 4th place.

Apply Rule 11 for Couples 50 and 60

We are now looking for 5th position so we count the amount of 5th and higher placings for Couples 50 and 60. You will note both Couples 50 and 60 received a majority and an equal amount of 13 x 5th and higher placings. We therefore now calculate the aggregates of all 5th and higher placings. Couple 50 ends up with an aggregate of 50 and Couple 60 has an aggregate of 48. Having the lowest aggregate, Couple 60 is therefore placed 5th and the remaining in this particular Rule 11 calculation, Couple 50 is placed 6th.

Example 2

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	1	2	5	3	1	2	2	3	4	1	1	2	5	2	1	5	1	5	2
20	2	2	5	2	5	5	3	1	2	2	5	6	3	2	3	3	2	4	2	4
30	3	3	6	3	6	4	4	4	4	1	2	3	5	1	5	2	6	2	6	1
40	4	5	3	1	1	3	1	3	1	3	3	3	1	3	6	5	1	5	1	3
50	6	6	1	4	4	2	5	5	5	5	4	5	4	4	1	6	3	3	4	5
60	5	4	4	6	2	6	6	6	6	6	6	4	6	6	4	4	4	6	3	6

FINAL SUMMARY

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	1	1	1	4	1st					Rule 9	
20	2	2	4	4	12	Tie 2nd	Tie 2nd	2nd			Applied Rule 11 – Couple 20 had majority of 3 rd and higher placings	
30	4	4	2	2	12	Tie 2nd	Tie 2nd	3rd			Applied Rule 11 - Remaining place in tie	
40	3	3	3	3	12	Tie 2nd	4th				Rule 10 – No 2 nd and higher placings. Placed 4th	
50	5	5	5	5	20	5th					Rule 9	
60	6	6	6	6	24	6th					Rule 9	

Calculations:

What is our majority?

4 Dances x 5 Adjudicators = 20 Majority = 11

Under Rule 9...

With the lowest total of 4 we can place Couple 10 in 1st.

Couples 50 and 60 can also be placed according to their totals of 20 and 24 as 5th and 6th place.

Under Rule 10...

Couples 20, 30 and 40 all have the same totals and therefore tie on 2nd place.

Under Rule 10 we look for the Couple who has attained the most 2nd and higher placings in the Final Summary. Both couples 20 and 30 have 2 x 2nd placings each whereas Couple 40 has none. At this stage Couples 20 and 30 are both tied for 2nd position and are both better than Couple 40, therefore Couple 40 is immediately awarded 4th place. Rule 11 must be applied to Couples 20 and 30 to determine 2nd place.

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20		9	13	-----	-----	-----	2 nd
30		6	10	-----	-----	-----	3 rd
40							
50							
60							

Apply Rule 11 for Couples 20 and 30

We are looking for 2nd place so we count the number of 2nd and higher placings for Couples 20 and 30. Couple 20 has received 9 x 2nd and higher placings, and Couple 30 has 6 x 2nd and higher placings. Unfortunately, neither number of placings reached a majority and therefore we must continue by including 3rd and higher placings. Couple 20 now have 13 x 3rd and higher placings, and Couple 30 have 10 x 3rd and higher placings. Therefore Couple 20 can now be awarded 2nd place having received a score above the majority. Couple 30 is the remaining couple in this Rule 11 tie and therefore receives 3rd place.

(b) The Second Inspection - Dealing with multiple Rule 11 ties

When Scrutineers make an error, it often occurs here so please study this section carefully.

Should more than two couples tie for a position under Rule 10, apply Rule 11 as outlined above to all the couples concerned in the tie, commencing with the place marks corresponding to the position under review as per Steps 1 to 8.

Once the position under review has been allocated, proceed as follows for the remaining couples.

9. Identify the remaining couples in the multiple tie taken to the Rule 11 calculation only, do not include any other couples from the Final Summary that were not included in this Rule 11 tie.
10. Perform a **SECOND INSPECTION** under Rule 10 in consideration of the new place now under review. Allocate the place mark as per Rule 10 regulations if possible and continue allocating place marks for the remaining couples in the Rule 11 tie.
11. If any couples remain tied under Rule 10, they are taken again to a count back under Rule 11 until all couples in the tie are placed.
Note: In this situation we only need to commence Rule 11 calculations from the new position under review.

Please work through the following example to learn how Rule 11 is applied to multiple ties.

Example 3

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	2	2	5	2	5	1	2	2	3	4	3	3	1	3	6	2	6	2	6	1
20	3	3	6	3	6	3	1	3	1	3	1	1	2	5	2	4	4	6	3	6
30	4	5	3	1	1	2	5	5	5	5	4	5	4	4	1	1	5	1	5	2
40	1	1	2	5	3	4	4	4	4	1	5	6	3	2	3	6	3	3	4	5
50	6	6	1	4	4	6	6	6	6	6	2	2	5	1	5	5	1	5	1	3
60	5	4	4	6	2	5	3	1	2	2	6	4	6	6	4	3	2	4	2	4

FINAL SUMMARY

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	2	1	3	2	8	1st					Rule 9	
20	4	3	1	6	14	Tie 2nd	Tie 2nd	2nd			Rule 11 – Only couple with majority of 3 rd and higher placings	
30	3	5	5	1	14	Tie 2nd	Tie 2nd	Tie 3rd	3rd		Rule 11 – remain tied	Rule 10 – Most 3 rd and higher placings
40	1	4	4	5	14	Tie 2nd	Tie 2nd	Tie 3rd	4th		Rule 11 – remain tied	Remaining Couple in Rule 10
50	5	6	2	3	16	5th					Rule 9	
60	6	2	6	4	18	6th					Rule 9	

Calculations:

What is our majority?

4 Dances x 5 Adjudicators = 20 Majority = 11

Under Rule 9...

With the lowest total of 8 we can place Couple 10 in 1st.

Couples 50 and 60 can also be placed according to their totals of 16 and 18 as 5th and 6th place.

Under Rule 10...

Couples 20, 30 and 40 all have the same totals and therefore tie on 2nd place.

Under Rule 10 we look for the Couple who has attained the most 2nd and higher placings in the Final Summary. All Couples 20, 30 and 40 have 1 x 2nd placings, having attained one 1st place each. At this stage all couples remain tied on 2nd place and Rule 11 must be applied.

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20		6	13	-----	-----	-----	2 nd
30		7	8				
40		5	10				
50							
60							

Under Rule 11...

Couples 20, 30 and 40 are all tied on 2nd place so we commence application of Rule 11 by counting the total number of 2nd and higher placings. From the table above, we note the Couples received totals of 6, 7 and 5 respectively. These totals do not reach a majority and therefore we must continue the count using 3rd and higher placings. We can now see Couple 20 has reached a majority with 13 x 3rd and higher placings. Being the only couple having reached a majority they are now placed 2nd.

All couples involved in a multiple tie involving a Rule 11 must be placed so we must now revert to Rule 10 to ascertain which placings Couples 30 and 40 have achieved.

Second Inspection under Rule 10

We are looking for 3rd place now. Going back to the Final Summary and looking at Couples 30 and 40 only, we check to see who has the MOST 3rd and higher placings as per Rule 10. Couple 30 has a 1st and 3rd which now qualifies them as having the most 3rd and higher placings and is therefore awarded 3rd place.

Couple 40 is the remaining couple in the tie and is awarded 4th place.

What if Couples remain tied?

Rule 11 is also the final rule of the Skating System however it's still possible the result remains in an absolute tie after application of Rule 11. In this situation the ultimate result will then depend on the organisation or local rules under which the competition is being run. The awards for the position under review would be either shared between the tied Couples, or the event re-danced to determine an ultimate winner.

Tips to help with accuracy

Although the basic process of Rule 11 is simple, treating all the Adjudicator marks over all dances as a single dance can become somewhat confusing with the volume of numbers now needing to be assessed. Furthermore, accuracy is paramount when assessing a Rule 11 as even a tiny error can lead to completely the wrong result. We therefore advise you take note of the following tips to help...

- ✓ Use a pencil!
- ✓ When counting or adding the marks together, work from left to right then double check your result by working right to left... and again if needed.
- ✓ Remember the "position under review" you are working on.

Homework

Please complete the following Rule 11 exercises.

Be sure to complete all columns including your reasons as this will form a part of your examination.

Exercise 11-01

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	4	5	1	1	2	5	6	1	2	2	3	1	3	1	3	2	1	5	2	4
20	1	1	2	5	6	1	2	2	5	5	6	6	1	2	2	3	3	3	1	2
30	3	3	3	3	3	3	3	3	3	3	1	2	2	5	6	1	2	2	3	3
40	5	4	5	2	1	2	5	5	1	6	5	5	6	4	1	6	6	4	4	1
50	6	6	6	6	5	6	1	6	6	1	4	3	4	3	4	4	4	1	5	6
60	2	2	4	4	4	4	4	4	4	4	2	4	5	6	5	5	5	6	6	5

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	2	3	2	8							
20	2	1	2	3	8							
30	3	3	1	1	8							
40	5	5	5	5	20							
50	6	6	4	4	20							
60	4	4	6	6	20							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Exercise 11-02

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	2	6	2	6	1	1	1	2	5	3	2	2	5	1	5	1	2	2	3	4
20	1	5	1	5	2	2	2	5	2	5	1	1	2	5	2	5	3	1	2	2
30	3	2	4	2	4	4	5	3	1	1	5	6	3	2	3	3	1	3	1	3
40	5	1	5	1	3	3	3	6	3	6	3	3	1	3	6	4	4	4	4	1
50	4	4	6	3	6	6	6	1	4	4	6	4	6	6	4	2	5	5	5	5
60	6	3	3	4	5	5	4	4	6	2	4	5	4	4	1	6	6	6	6	6

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	2	1	2	1	6							
20	1	2	1	2	6							
30	4	3	4	3	14							
40	3	4	3	4	14							
50	6	5	6	5	22							
60	5	6	5	6	22							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Exercise 11-03

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	5	5	1	5	3	1	3	2	4	5	6	4	1	4	5	3	5	3	3	2
20	6	1	3	2	4	2	1	3	5	4	2	6	5	6	1	6	4	5	6	1
30	4	6	5	6	1	3	4	5	2	1	1	5	3	2	3	4	3	4	4	5
40	3	3	6	3	5	4	6	4	3	3	3	3	2	1	2	5	2	6	5	6
50	1	4	4	4	6	5	5	1	6	2	5	1	4	3	4	2	6	1	2	4
60	2	2	2	1	2	6	2	6	1	6	4	2	6	5	6	1	1	2	1	3

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	5	2	4	3	14							
20	2	2	5	5	14							
30	6	2	2	4	14							
40	3	4	1	6	14							
50	4	5	3	2	14							
60	1	6	6	1	14							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Exercise 11-04

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

	Waltz							Tango							Viennese W							Foxtrot							Quickstep						
	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G
10	2	3	3	6	5	3	2	5	6	6	5	2	6	2	4	1	2	1	3	1	3	6	6	4	4	5	6	1	2	1	2	2	4	1	3
20	5	6	6	3	4	4	3	3	3	1	2	5	3	6	3	5	1	6	6	6	4	4	4	3	3	1	2	5	4	3	4	1	2	3	5
30	4	5	5	5	6	5	6	2	2	2	3	6	4	4	1	3	3	4	1	2	1	3	5	2	2	2	3	6	3	5	6	5	3	4	1
40	6	2	4	4	3	6	1	6	5	3	4	3	1	5	5	4	6	2	5	5	2	1	2	1	1	4	1	4	1	4	3	3	5	2	4
50	3	1	1	1	2	2	4	4	4	5	6	1	2	1	6	6	5	3	2	3	6	5	3	6	5	3	4	3	6	2	1	4	1	6	2
60	1	4	2	2	1	1	5	1	1	4	1	4	5	3	2	2	4	4	4	4	5	2	1	5	6	6	5	2	5	6	5	6	6	5	6

FINAL SUMMARY CALCULATIONS

							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	V	F	Q	Total							
10	3	6	1.5	6	1	17.5							
20	5	1	5	3	3.5	17.5							
30	6	3	1.5	2	5	17.5							
40	4	5	4	1	3.5	17.5							
50	1	4	6	4.5	2	17.5							
60	2	2	3	4.5	6	17.5							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Exercise 11-05

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	1	1	1	2	4	5	3	1	2	6	4	6	5	5	1	2	3	4	5
20	4	4	2	2	1	2	1	2	2	1	3	6	3	4	2	5	4	4	5	6
30	6	6	5	3	3	5	3	4	5	5	2	2	2	2	4	4	1	2	3	4
40	3	3	6	5	5	1	2	1	3	3	1	1	4	1	3	3	3	5	6	3
50	2	2	3	6	6	3	4	5	6	6	4	3	1	3	1	2	5	1	1	1
60	5	5	4	4	4	6	6	6	4	4	5	5	5	6	6	6	6	6	2	2

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	3	5	3	12							
20	2	1	4	5	12							
30	6	4	2	2	14							
40	5	2	1	4	12							
50	3	5	3	1	12							
60	4	6	6	6	22							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Exercise 11-06

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	6	4	3	3	4	6	5	4	6	5	6	3	3	3	6	6	5	5	5	6
20	4	5	5	4	6	3	2	3	3	4	5	6	4	4	5	4	2	3	2	5
30	5	6	6	5	5	4	4	2	4	3	4	4	5	5	3	3	4	4	3	1
40	2	1	2	2	1	2	1	1	2	1	2	1	2	2	2	2	1	2	1	3
50	1	2	1	1	2	1	3	5	1	2	1	2	1	1	1	1	3	1	4	2
60	3	3	4	6	3	5	6	6	5	6	3	5	6	6	4	5	6	6	6	4

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	4	5	3	5	17							
20	5	3	5	4	17							
30	6	4	4	3	17							
40	2	1	2	1	6							
50	1	2	1	2	6							
60	3	6	6	6	21							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Answers

Answer 11-01

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	4	5	1	1	2	5	6	1	2	2	3	1	3	1	3	2	1	5	2	4
20	1	1	2	5	6	1	2	2	5	5	6	6	1	2	2	3	3	3	1	2
30	3	3	3	3	3	3	3	3	3	3	1	2	2	5	6	1	2	2	3	3
40	5	4	5	2	1	2	5	5	1	6	5	5	6	4	1	6	6	4	4	1
50	6	6	6	6	5	6	1	6	6	1	4	3	4	3	4	4	4	1	5	6
60	2	2	4	4	4	4	4	4	4	4	2	4	5	6	5	5	5	6	6	5

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	2	3	2	8	Tie 1 st	Tie 2 nd	2 nd			R11 – Equal majority 2 nd & higher placings, lower aggregate	
20	2	1	2	3	8	Tie 1 st	Tie 2 nd	3 rd			Rule 11 – Remaining couple	
30	3	3	1	1	8	Tie 1 st	1 st				Rule 10 – Most 1 st places	
40	5	5	5	5	20	Tie 4 th	6 th				Rule 10 – No 4 th placings, remaining couple so not included in R11 for 4 th	
50	6	6	4	4	20	Tie 4 th	Tie 4 th	5 th			Rule 11 – Remaining couple	
60	4	4	6	6	20	Tie 4 th	Tie 4 th	4 th			Rule 11 – Highest majority 4 th & above	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	-	11 ¹⁶	-----	-----	-----	-----	2 nd
20	-	11 ¹⁷					
30							
40							
50	-	-	-	11			
60	-	-	-	12	-----	-----	4 th

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	2	6	2	6	1	1	1	2	5	3	2	2	5	1	5	1	2	2	3	4
20	1	5	1	5	2	2	2	5	2	5	1	1	2	5	2	5	3	1	2	2
30	3	2	4	2	4	4	5	3	1	1	5	6	3	2	3	3	1	3	1	3
40	5	1	5	1	3	3	3	6	3	6	3	3	1	3	6	4	4	4	4	1
50	4	4	6	3	6	6	6	1	4	4	6	4	6	6	4	2	5	5	5	5
60	6	3	3	4	5	5	4	4	6	2	4	5	4	4	1	6	6	6	6	6

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	2	1	2	1	6	Tie 1 st	Tie 1 st	2 nd			Rule 11 – Remaining couple in tie	
20	1	2	1	2	6	Tie 1 st	Tie 1 st	1 st			Rule 11 – Largest majority 2 nd & above	
30	4	3	4	3	14	Tie 3 rd	Tie 3 rd	3 rd			Rule 11 – Largest majority 3 rd & above	
40	3	4	3	4	14	Tie 3 rd	Tie 3 rd	4 th			Rule 11 – Remaining couple in tie	
50	6	5	6	5	22	Tie 5 th	Tie 5 th	6 th			Rule 11 – Remaining couple in tie	
60	5	6	5	6	22	Tie 5 th	Tie 5 th	5 th			Rule 11 – Equal majority 5 th & above, lowest aggregate	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	5	12					
20	5	13	-----	-----	-----	-----	1 st
30	-	-	14	-----	-----	-----	3 rd
40	-	-	11				
50	-	-	-	-	13 ⁵⁰		
60	-	-	-	-	13 ⁴⁸	-----	5 th

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	5	5	1	5	3	1	3	2	4	5	6	4	1	4	5	3	5	3	3	2
20	6	1	3	2	4	2	1	3	5	4	2	6	5	6	1	6	4	5	6	1
30	4	6	5	6	1	3	4	5	2	1	1	5	3	2	3	4	3	4	4	5
40	3	3	6	3	5	4	6	4	3	3	3	3	2	1	2	5	2	6	5	6
50	1	4	4	4	6	5	5	1	6	2	5	1	4	3	4	2	6	1	2	4
60	2	2	2	1	2	6	2	6	1	6	4	2	6	5	6	1	1	2	1	3

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule	Rule	Rule	Rule	Rule		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	5	2	4	3	14	Tie 1 st	Tie 5 th	5 th			Rule 11 – Largest majority 5 th & above	
20	2	2	5	5	14	Tie 1 st	Tie 2 nd	3 rd			Rule 11 – Remaining couple in tie	
30	6	2	2	4	14	Tie 1 st	Tie 2 nd	2 nd			Rule 11 – Largest majority 4 th & above	
40	3	4	1	6	14	Tie 1 st	4 th				Rule 10 – Equal 4 th & above placings, lowest aggregate	
50	4	5	3	2	14	Tie 1 st	Tie 5 th	6 th			Rule 11 – Remaining couple in tie	
60	1	6	6	1	14	Tie 1 st	1 st				Rule 10 – Most 1 st placings	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	-	-	-	-	19	-----	5 th
20	-	7	9	12			
30	-	5	9	14	-----	-----	2 nd
40							
50	-	-	-	-	17		
60							

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

	Waltz							Tango							Viennese W							Foxtrot							Quickstep						
	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G
10	2	3	3	6	5	3	2	5	6	6	5	2	6	2	4	1	2	1	3	1	3	6	6	4	4	5	6	1	2	1	2	2	4	1	3
20	5	6	6	3	4	4	3	3	3	1	2	5	3	6	3	5	1	6	6	6	4	4	4	3	3	1	2	5	4	3	4	1	2	3	5
30	4	5	5	5	6	5	6	2	2	2	3	6	4	4	1	3	3	4	1	2	1	3	5	2	2	2	3	6	3	5	6	5	3	4	1
40	6	2	4	4	3	6	1	6	5	3	4	3	1	5	5	4	6	2	5	5	2	1	2	1	1	4	1	4	1	4	3	3	5	2	4
50	3	1	1	1	2	2	4	4	4	5	6	1	2	1	6	6	5	3	2	3	6	5	3	6	5	3	4	3	6	2	1	4	1	6	2
60	1	4	2	2	1	1	5	1	1	4	1	4	5	3	2	2	4	4	4	4	5	2	1	5	6	6	5	2	5	6	5	6	6	5	6

FINAL SUMMARY CALCULATIONS

							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	V	F	Q	Total							
10	3	6	1.5	6	1	17.5	Tie 1 st	Tie 1 st	1 st			Rule 11 – Largest majority 2 nd & above	
20	5	1	5	3	3.5	17.5	Tie 1 st	Tie 1 st		3 rd			Rule 10 – Most 3 rd & above placings
30	6	3	1.5	2	5	17.5	Tie 1 st	Tie 5 th	5 th			Rule 11 – Largest majority 5 th & above	
40	4	5	4	1	3.5	17.5	Tie 1 st	Tie 1 st		4 th			Rule 10 – Remaining couple in tie
50	1	4	6	4.5	2	17.5	Tie 1 st	Tie 1 st		2 nd			Rule 10 – Most 2 nd & above placings
60	2	2	3	4.5	6	17.5	Tie 1 st	Tie 5 th	6 th			Rule 11 – Remaining couple in tie	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1 st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	6	14	-----	-----	-----	-----	1 st
20	4	7					
30	-	-	-	-	30	-----	5 th
40	7	12					
50	7	13					
60	-	-	-	-	29		

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	1	1	1	2	4	5	3	1	2	6	4	6	5	5	1	2	3	4	5
20	4	4	2	2	1	2	1	2	2	1	3	6	3	4	2	5	4	4	5	6
30	6	6	5	3	3	5	3	4	5	5	2	2	2	2	4	4	1	2	3	4
40	3	3	6	5	5	1	2	1	3	3	1	1	4	1	3	3	3	5	6	3
50	2	2	3	6	6	3	4	5	6	6	4	3	1	3	1	2	5	1	1	1
60	5	5	4	4	4	6	6	6	4	4	5	5	5	6	6	6	6	6	2	2

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	3	5	3	12	Tie 1 st	Tie 1 st		Tie 3 rd	4 th		* Rule 11 – Remaining couple in tie
20	2	1	4	5	12	Tie 1 st	Tie 1 st		2 nd			Rule 10 – Most 2 nd & above placings
30	6	4	2	2	14	5 th					Rule 9	
40	5	2	1	4	12	Tie 1 st	Tie 1 st	1 st			Rule 11 – Largest majority 3 rd & above	
50	3	5	3	1	12	Tie 1 st	Tie 1 st		Tie 3 rd	3 rd		* Rule 11 – Largest majority 3 rd & above
60	4	6	6	6	22	6 th					Rule 9	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1 st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	6	9	11 *				
20	3	9	11				
30							
40	5	6	14	----	----	----	1 st
50	5	8	12 *	----	----	----	3 rd
60							

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	6	4	3	3	4	6	5	4	6	5	6	3	3	3	6	6	5	5	5	6
20	4	5	5	4	6	3	2	3	3	4	5	6	4	4	5	4	2	3	2	5
30	5	6	6	5	5	4	4	2	4	3	4	4	5	5	3	3	4	4	3	1
40	2	1	2	2	1	2	1	1	2	1	2	1	2	2	2	2	1	2	1	3
50	1	2	1	1	2	1	3	5	1	2	1	2	1	1	1	1	3	1	4	2
60	3	3	4	6	3	5	6	6	5	6	3	5	6	6	4	5	6	6	6	4

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	4	5	3	5	17	Tie 3 rd	Tie 3 rd		5 th			Rule 10 – Remaining couple in tie
20	5	3	5	4	17	Tie 3 rd	Tie 3 rd	3 rd			Rule 11 – Equal majority 4 th & higher, lowest aggregate	
30	6	4	4	3	17	Tie 3 rd	Tie 3 rd		4 th			Rule 10 – Most 4 th & above placings
40	2	1	2	1	6	Tie 1 st	Tie 1 st	2 nd			Rule 11 – Remaining couple in tie	
50	1	2	1	2	6	Tie 1 st	Tie 1 st	1 st			Rule 11 – Majority of 1 st placings	
60	3	6	6	6	21	6 th					Rule 9	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10			5	8			
20			7	13 ⁴²	----	----	3 rd
30			6	13 ⁴³			
40	8						
50	11	----	----	----	----	----	1 st
60							

Tutorial 7

As study of the Skating System has now been completed, we now move into connecting all components of the rules together and practice scrutineering complete multi-dance competitions. However, before we move on, it's time for some quick revision.

In this tutorial we will cover the following:

- Revise all Skating System Rules
- How to handle Ten Dance Competitions
- Homework – Complete multi-dance competitions
- Answers

Revision of Skating System Rules

The Adjudicators' Marks

Rule 1 *In all rounds each Adjudicator must vote for the number of Couples as stipulated by the Chairman of Adjudicators.*

Rule 2 *In the final round each Adjudicator must place all competing Couples in order of merit in each of the dances.*

Rule 3 *In the final round the Adjudicator must allocate 1st place to the best Couple, 2nd to the second Couple, 3rd place to the third best Couple and so on for each dance.*

Rule 4 *An Adjudicator is required to place every Couple in the final in every dance. It is not permitted to "tie" any Couples for any place in the final of any dance.*

Single Dance Calculations

Rule 5 *The winner of a dance is the Couple who is placed first by an absolute majority of Adjudicators, second place is awarded to the Couple placed second or higher by an absolute majority, and the remaining places are progressively allocated in a similar way.*

Rule 6 *If two or more Couples have a majority for the same position, the Couple with the largest majority shall be allocated the position under review, and the Couple holding the next largest majority is allocated the following position.*

Rule 7 *If two or more Couples have an equal Majority for the same position...*

(a) *If such majorities are equal, then we add together the marks given by those Adjudicators who form the majority and the Couple with the lowest total (or aggregate) is allocated the position under review. The next position is awarded to the Couple with the next lowest aggregate.*

(b) *If the aggregates of marks are also equal, then the next lower place (or subsequent places if necessary) in respect of the particular Couples concerned, must also be taken into account.*

Rule 8 *If no Couple receives a majority for the position under review, then you must proceed by including the next place marks in the calculation. If still no majority is found then we include the next place marks, and if necessary, the next again until a majority vote is found.*

The Final Summary

Rule 9 *Compilation of the Final Summary*

(a) *When all dances have been concluded a final summary is compiled showing the position achieved by each Couple in each dance. The place markings for each Couple are added together to give an overall total. The Couple with the lowest aggregate shall be the winner, the next second and so on*

(b) *If two or more couples have the same aggregate, then this results in a tie for the position under review and therefore Rule 10 and possibly Rule 11 must be applied.*

Rule 10 *When there are ties in the Final Summary*

(a) *If there is a tie under Rule 9 for 1st place, the winner shall be the Couple who have won the most dances. If the tie is for 2nd place, we count the 2nd and higher places and the Couple with the MOST 2nd and higher placings are awarded the position. Similarly, all other placings are treated in the same way.*

(b) *If Couples remain tied by receiving the same number of placings for the position under review, then add together the place marks and award the position to the Couple with the lowest aggregate.*

(c) *Dealing with Multiple Ties – If more than 2 Couples tie for example 2nd place, use the above rules (10a and 10b) to award 2nd place. Then considering the remaining tied Couples, use the above rules to award 3rd place. Continue until all tied Couples have been awarded prizes.*

(d) *When dealing with ½ marks (fractions) in the Final Summary due to tied place marks, the places must be considered together with the next lower position.*

(e) *Couples will remain tied under Rule 10 in the following instances and Rule 11 must be applied, but only to the Couples actually concerned in the tie.*

When the tie is for 1st place:

- *If the tied Couples have won the same number of dances.*
- *None of the tied Couples have actually won a dance.*

When the tie is for a place other than 1st:

- *If the tied Couples have the same number of place marks for the place under review and their aggregates are equal.*
- *If none of the tied Couples have actually won a place mark or higher corresponding to the position under review.*

Rule 11 *The ultimate tie breaking rule*

When Couples remain tied even after the application of Rules 9 and 10, re-calculate the event considering the Judges markings of the tied Couples over all dances, as a large single dance.

Ten Dance Competitions

Any multi-style event danced in 2 parts such as Ten Dance, Eight Dance and Six Dance events must be considered as the one event and handled as a normal multi-dance competition. The Skating System rules are applied exactly the same way no matter how many dances are included in the one competition. As each round is completed the recalls are calculated over the 10 dances (or 8 or 6 etc) for that round, and this process is continued through to the final round. The only drawback is waiting for both parts of the rounds to be danced, plus also the extra volume of data makes the calculations lengthier and more time consuming.

Ten Dance competitions should not be confused with special awards that are sometimes presented by Organisers to the overall best performing Couples that danced certain eligible events. These events are danced and completed separately and then the overall winner is determined by collating the individual event results as stipulated by the Organiser.

Homework

The following exercises involve a complete competition. Please calculate the placings for each single dance, compile the results into the final summary and work through the relevant rules to calculate the overall placings for each Couple.

Exercise 11-07

WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	3	3	1							
20	3	6	2	2	6							
30	2	2	5	6	2							
40	1	3	1	5	3							
50	6	4	6	4	4							
60	4	5	4	1	5							
TANGO												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	3	2	2							
20	2	5	1	1	4							
30	3	6	5	6	1							
40	1	3	2	5	3							
50	6	4	6	4	6							
60	4	2	4	3	5							
QUICKSTEP												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	3	3	3	2							
20	3	5	6	4	5							
30	1	1	4	2	1							
40	2	2	1	5	3							
50	6	4	5	6	4							
60	4	6	2	1	6							

FINAL SUMMARY

					RESULT					REASON	
					First Inspection			Second Inspection		First Inspection	Second Inspection
					Rule	Rule	Rule	Rule	Rule		
No:	W	T	Q	Total	9	10	11	10	11		
10											
20											
30											
40											
50											
60											

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Overall Results

Couple No:	Result
10	
20	
30	
40	
50	
60	

WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	4	5	1	1							
20	6	1	1	3	5							
30	3	3	6	5	4							
40	4	2	4	4	6							
50	1	5	3	2	3							
60	5	6	2	6	2							
TANGO												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	5	2	1							
20	6	1	6	6	6							
30	5	3	2	5	4							
40	2	2	4	1	3							
50	1	5	1	3	5							
60	4	6	3	4	2							
QUICKSTEP												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	5	3	1							
20	6	3	4	6	4							
30	2	1	6	2	3							
40	4	2	3	1	6							
50	1	5	1	5	5							
60	5	6	2	4	2							

FINAL SUMMARY

					RESULT					REASON	
					First Inspection			Second Inspection		First Inspection	Second Inspection
					Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	Q	Total	9	10	11	10	11		
10											
20											
30											
40											
50											
60											

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Overall Results

Couple No:	Result
10	
20	
30	
40	
50	
60	

WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	6	6							
20	4	4	3	2	2							
30	3	3	2	5	3							
40	1	6	5	4	1							
50	5	2	1	1	5							
60	2	1	4	3	4							
TANGO												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	2	6	4	2							
20	4	3	2	1	6							
30	3	4	1	5	3							
40	1	6	3	3	1							
50	6	5	5	6	4							
60	2	1	4	2	5							
VIENNESE WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	1	6	2	2							
20	5	6	4	4	4							
30	1	2	1	5	5							
40	2	5	3	6	1							
50	6	4	2	1	3							
60	4	3	5	3	6							
SLOW FOXTROT												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	6	3	1							
20	5	5	1	1	6							
30	1	4	4	4	4							
40	2	6	5	6	3							
50	6	3	3	5	2							
60	3	2	2	2	5							
QUICKSTEP												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	4	6	5	3							
20	4	6	3	3	4							
30	3	2	1	6	2							
40	1	5	5	4	1							
50	6	3	2	1	6							
60	2	1	4	2	5							

FINAL SUMMARY

							RESULT					REASON	
							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule	Rule	Rule	Rule	Rule		
No:	W	T	V	F	Q	Total	9	10	11	10	11		
10													
20													
30													
40													
50													
60													

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Overall Results

Couple No:	Result
10	
20	
30	
40	
50	
60	

Exercise 11-10

WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	4	4	3	6							
20	4	2	3	3	2	2	2							
30	6	4	5	2	6	5	3							
40	5	5	6	5	3	4	5							
50	1	1	1	1	1	1	1							
60	3	6	2	6	5	6	4							
TANGO														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	3	2	2	6							
20	3	2	3	2	3	3	2							
30	6	5	5	4	4	5	5							
40	4	4	6	5	5	4	4							
50	1	1	1	1	1	1	1							
60	5	6	2	6	6	6	3							
VIENNESE WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	3	3	2	6							
20	3	2	3	2	2	3	2							
30	6	4	5	4	4	5	4							
40	5	5	6	6	6	4	5							
50	1	1	1	1	1	1	1							
60	4	6	2	5	5	6	3							
SLOW FOXTROT														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	3	3	3	6							
20	3	2	3	2	2	1	2							
30	6	6	5	4	6	5	4							
40	5	4	6	6	5	4	5							
50	1	1	1	1	1	2	1							
60	4	5	2	5	4	6	3							
QUICKSTEP														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	4	3	3	6							
20	4	2	3	2	2	2	2							
30	6	4	5	3	5	5	4							
40	5	5	6	6	6	4	5							
50	1	1	1	1	1	1	1							
60	3	6	2	5	4	6	3							

FINAL SUMMARY

							RESULT					REASON	
							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule	Rule	Rule	Rule	Rule		
No:	W	T	V	F	Q	Total	9	10	11	10	11		
10													
20													
30													
40													
50													
60													

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Overall Results

Couple No:	Result
10	
20	
30	
40	
50	
60	

Exercise 11-11

WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	1	3	4	1	1							
20	6	6	6	6	1	6	2							
30	5	4	2	5	3	4	5							
40	2	5	5	4	6	2	3							
50	3	1	4	1	5	5	4							
60	4	3	3	2	2	3	6							
TANGO														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	1	2	1	1	1							
20	6	6	3	6	2	4	2							
30	5	4	5	5	5	6	4							
40	2	5	6	4	6	2	3							
50	4	1	4	1	3	5	6							
60	3	2	2	3	4	3	5							
VIENNESE WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	3	1	1	1							
20	6	6	6	6	3	5	2							
30	4	5	2	5	2	6	4							
40	2	3	4	4	5	2	3							
50	3	4	5	2	4	3	6							
60	5	2	3	1	6	4	5							
SLOW FOXTROT														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	2	3	1	1	1							
20	4	6	4	6	4	5	2							
30	5	4	1	5	3	6	4							
40	3	5	3	4	6	2	3							
50	2	1	6	1	5	4	5							
60	6	3	5	2	2	3	6							
QUICKSTEP														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	3	1	1	1							
20	4	5	5	6	4	5	2							
30	5	6	3	5	3	6	5							
40	2	4	6	4	6	2	3							
50	6	3	4	2	2	4	6							
60	3	2	2	1	5	3	4							

FINAL SUMMARY

							RESULT					REASON	
							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule	Rule	Rule	Rule	Rule		
							9	10	11	10	11		
No:	W	T	V	F	Q	Total							
10													
20													
30													
40													
50													
60													

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Overall Results

Couple No:	Result
10	
20	
30	
40	
50	
60	

Answers

Answer 11-07

WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	3	3	1	2	2	4 ⁸	4	5	----	2.5
20	3	6	2	2	6	-	2	3	----	----	----	4th
30	2	2	5	6	2	-	3	----	----	----	----	1st
40	1	3	1	5	3	2	2	4 ⁸	4	5	----	2.5
50	6	4	6	4	4	-	-	-	3 ¹²	----	----	6th
60	4	5	4	1	5	1	1	1	3 ⁹	----	----	5th
TANGO												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	3	2	2	1	3 ⁵	----	----	----	----	2nd
20	2	5	1	1	4	2	3 ⁴	----	----	----	----	1st
30	3	6	5	6	1	1	1	2	2	3	----	5th
40	1	3	2	5	3	1	2	4	----	----	----	3rd
50	6	4	6	4	6	-	-	-	2	2	5	6th
60	4	2	4	3	5	-	1	2	3	----	----	4th
QUICKSTEP												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	3	3	3	2	-	1	4	----	----	----	3rd
20	3	5	6	4	5	-	-	1	2	4	----	5th
30	1	1	4	2	1	3	----	----	----	----	----	1st
40	2	2	1	5	3	1	3	----	----	----	----	2nd
50	6	4	5	6	4	-	-	-	2	3	----	6th
60	4	6	2	1	6	1	2	2	3	----	----	4th

FINAL SUMMARY

					RESULT					REASON	
					First Inspection			Second Inspection		First Inspection	Second Inspection
					Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	Q	Total							
10	2.5	2	3	7.5	Tie 2 nd	Tie 2 nd	3 rd			Rule – 11 Remaining couple in tie	
20	4	1	5	10	4 th					Rule 9	
30	1	5	1	7	1 st					Rule 9	
40	2.5	3	2	7.5	Tie 2 nd	Tie 2 nd	2 nd			Rule 11 – Equal majority 3 rd & above, lowest aggregate	
50	6	6	6	18	6 th					Rule 9	
60	5	4	4	13	5 th					Rule 9	

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	-	6	12 ²⁷				
20							
30							
40	-	7	12 ²⁵	-----	-----	-----	2 nd
50							
60							

Overall Results

Couple No:	Result
10	3 rd
20	4 th
30	1 st
40	2 nd
50	6 th
60	5 th

WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	4	5	1	1	2	3	-----	-----	-----	-----	1st
20	6	1	1	3	5	2	2	3 ⁵	-----	-----	-----	3rd
30	3	3	6	5	4	-	-	2	3	-----	-----	5th
40	4	2	4	4	6	-	1	1	4	-----	-----	4th
50	1	5	3	2	3	1	2	4	-----	-----	-----	2nd
60	5	6	2	6	2	-	2	2	2	3	-----	6th
TANGO												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	5	2	1	1	2	3 ⁶	-----	-----	-----	3rd
20	6	1	6	6	6	1	1	1	1	1	5	6th
30	5	3	2	5	4	-	1	2	3	-----	-----	5th
40	2	2	4	1	3	1	3	-----	-----	-----	-----	1st
50	1	5	1	3	5	2	2	3 ⁵	-----	-----	-----	2nd
60	4	6	3	4	2	-	-	2	4	-----	-----	4th
QUICKSTEP												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	4	5	3	1	1	1	3 ⁷	-----	-----	-----	3rd
20	6	3	4	6	4	-	-	1	3 ¹¹	-----	-----	5th
30	2	1	6	2	3	1	3	-----	-----	-----	-----	1st
40	4	2	3	1	6	1	2	3 ⁶	-----	-----	-----	2nd
50	1	5	1	5	5	2	2	2	2	5	-----	6th
60	5	6	2	4	2	-	2	2	3 ⁸	-----	-----	4th

FINAL SUMMARY

					RESULT					REASON	
					First Inspection			Second Inspection		First Inspection	Second Inspection
					Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	Q	Total	9	10	11	10	11		
10	1	3	3	7	Tie 1 st	Tie 1 st	1 st			Rule 11 – Largest majority 3 rd & above	
20	3	6	5	14	Tie 5 th	Tie 5 th	6 th			Rule 11 – Remaining couple in tie	
30	5	5	1	11	4 th					Rule 9	
40	4	1	2	7	Tie 1 st	Tie 1 st	2 nd			Rule 11 – Remaining couple in tie	
50	2	2	6	10	3 rd					Rule 9	
60	6	4	4	14	Tie 5 th	Tie 5 th	5 th			Rule 11 – Largest majority 5 th & above	

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	4	6	9	-----	-----	-----	1 st
20	-	-	-	-	8		
30							
40	2	6	8	-----	-----	-----	
50							
60	-	-	-	-	11	-----	5 th

Overall Results

Couple No:	Result
10	1 st
20	6 th
30	4 th
40	2 nd
50	3 rd
60	5 th

WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	6	6	-	-	-	-	1	5	6th
20	4	4	3	2	2	-	2	3 ⁷	-----	-----	-----	4th
30	3	3	2	5	3	-	1	4	-----	-----	-----	2nd
40	1	6	5	4	1	2	2	2	3	-----	-----	5th
50	5	2	1	1	5	2	3	-----	-----	-----	-----	1st
60	2	1	4	3	4	1	2	3 ⁶	-----	-----	-----	3rd
TANGO												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	2	6	4	2	-	2	2	3	-----	-----	5th
20	4	3	2	1	6	1	2	3 ⁶	-----	-----	-----	3rd
30	3	4	1	5	3	1	1	3 ⁷	-----	-----	-----	4th
40	1	6	3	3	1	2	2	4	-----	-----	-----	2nd
50	6	5	5	6	4	-	-	1	1	3	-----	6th
60	2	1	4	2	5	1	3	-----	-----	-----	-----	1st
VIENNESE WALTZ												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	1	6	2	2	1	3 ⁵	-----	-----	-----	-----	2nd
20	5	6	4	4	4	-	-	-	3 ¹²	-----	-----	6th
30	1	2	1	5	5	2	3 ⁴	-----	-----	-----	-----	1st
40	2	5	3	6	1	1	2	3 ⁶	3	-----	-----	4th
50	6	4	2	1	3	1	2	3 ⁶	4	-----	-----	3rd
60	4	3	5	3	6	-	-	2	3 ¹⁰	-----	-----	5th
SLOW FOXTROT												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	6	3	1	2	2	3 ⁵	-----	-----	-----	2nd
20	5	5	1	1	6	2	2	2	2	4	-----	5th
30	1	4	4	4	4	1	1	1	5	-----	-----	4th
40	2	6	5	6	3	-	1	2	2	3	-----	6th
50	6	3	3	5	2	-	1	3 ⁸	-----	-----	-----	3rd
60	3	2	2	2	5	1	3	-----	-----	-----	-----	1st
QUICKSTEP												
Couple Number	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	4	6	5	3	-	-	1	2	4	-----	6th
20	4	6	3	3	4	-	-	2	4	-----	-----	4th
30	3	2	1	6	2	1	3 ⁵	4	-----	-----	-----	1st
40	1	5	5	4	1	2	2	2	3	-----	-----	5th
50	6	3	2	1	6	1	2	3	-----	-----	-----	3rd
60	2	1	4	2	5	1	3 ⁵	3	-----	-----	-----	2nd

FINAL SUMMARY

							RESULT					REASON	
							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	V	F	Q	Total							
10	6	5	2	2	6	21	4th					Rule 9	
20	4	3	6	5	4	22	Tie 5th	Tie 5th	5th			Rule 11 – Largest majority 5th & above placings	
30	2	4	1	4	1	12	Tie 1st	Tie 1st	1.5			Rule 11 – Tie remains, equal majority 6th & above, equal aggregate	
40	5	2	4	6	5	22	Tie 5th	Tie 5th	6th			Rule 11 – Remaining couple in tie	
50	1	6	3	3	3	16	3rd					Rule 9	
60	3	1	5	1	2	12	Tie 1st	Tie 1st	1.5			Rule 11 – Tie remains, equal majority 6th & above, equal aggregate	

RULE 11 CALCULATIONS

Couple No:	1st	2nd & Higher	3rd & Higher	4th & Higher	5th & Higher	6th & Higher	Result under Rule 11 ONLY
10							
20					21	-----	5th
30	5	9	15 ³¹	20	24	25	1.5
40					20		
50	3	11	15 ³¹	20	24	25	1.5
60							

Overall Results

Couple No:	Result
10	4th
20	5th
30	Tie 1st
40	6th
50	3rd
60	Tie 1st

WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	4	4	3	6	-	1	3	6	----	----	3rd
20	4	2	3	3	2	2	2	-	4	----	----	----	----	2nd
30	6	4	5	2	6	5	3	-	1	2	3	5	----	5th
40	5	5	6	5	3	4	5	-	-	1	2	6	----	4th
50	1	1	1	1	1	1	1	7	----	----	----	----	----	1st
60	3	6	2	6	5	6	4	-	1	2	3	4	----	6th
TANGO														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	3	2	2	6	-	3	5	----	----	----	3rd
20	3	2	3	2	3	3	2	-	3	7	----	----	----	2nd
30	6	5	5	4	4	5	5	-	-	-	2	6	----	5th
40	4	4	6	5	5	4	4	-	-	-	4	----	----	4th
50	1	1	1	1	1	1	1	7	----	----	----	----	----	1st
60	5	6	2	6	6	6	3	-	1	2	2	3	7	6th
VIENNESE WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	3	3	2	6	-	2	5	----	----	----	3rd
20	3	2	3	2	2	3	2	-	4	----	----	----	----	2nd
30	6	4	5	4	4	5	4	-	-	-	4	----	----	4th
40	5	5	6	6	6	4	5	-	-	-	1	4	----	6th
50	1	1	1	1	1	1	1	7	----	----	----	----	----	1st
60	4	6	2	5	5	6	3	-	1	2	3	5	----	5th
SLOW FOXTROT														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	3	3	3	6	-	1	5	----	----	----	3rd
20	3	2	3	2	2	1	2	1	5	----	----	----	----	2nd
30	6	6	5	4	6	5	4	-	-	-	2	4	----	6th
40	5	4	6	6	5	4	5	-	-	-	2	5	----	5th
50	1	1	1	1	1	2	1	6	----	----	----	----	----	1st
60	4	5	2	5	4	6	3	-	1	2	4	----	----	4th
QUICKSTEP														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	4	3	3	6	-	1	4	----	----	----	3rd
20	4	2	3	2	2	2	2	-	5	----	----	----	----	2nd
30	6	4	5	3	5	5	4	-	-	1	3	6	----	5th
40	5	5	6	6	6	4	5	-	-	-	1	4	----	6th
50	1	1	1	1	1	1	1	7	----	----	----	----	----	1st
60	3	6	2	5	4	6	3	-	1	3	4	----	----	4th

FINAL SUMMARY

							RESULT					REASON	
							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	V	F	Q	Total	9	10	11	10	11		
10	3	3	3	3	3	15	3rd					Rule 9	
20	2	2	2	2	2	10	2nd					Rule 9	
30	5	5	4	6	5	25	Tie 4 th	6th				Rule 10 – Least 4 th & above placings, not included in Rule 11 tie	
40	4	4	6	5	6	25	Tie 4 th	Tie 4 th	4th			Rule 11 – Largest majority 5 th & above	
50	1	1	1	1	1	5	1st					Rule 9	
60	6	6	5	4	4	25	Tie 4 th	Tie 4 th	5th			Rule 11 – Remaining couple in tie	

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40	-	-	-	10	25	-----	4th
50							
60	-	-	-	16	23		

Overall Results

Couple No:	Result
10	3rd
20	2nd
30	6th
40	4th
50	1st
60	5th

WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	1	3	4	1	1	4	----	----	----	----	----	1st
20	6	6	6	6	1	6	2	1	2	2	2	2	7	6th
30	5	4	2	5	3	4	5	-	1	2	4 ¹³	----	----	5th
40	2	5	5	4	6	2	3	-	2	3	4 ¹¹	----	----	4th
50	3	1	4	1	5	5	4	2	2	2	5	----	----	3rd
60	4	3	3	2	2	3	6	-	2	5	----	----	----	2nd
TANGO														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	1	2	1	1	1	5	----	----	----	----	----	1st
20	6	6	3	6	2	4	2	-	2	3	4 ¹¹	4	----	5th
30	5	4	5	5	5	6	4	-	-	-	2	6	----	6th
40	2	5	6	4	6	2	3	-	2	3	4 ¹¹	5	----	4th
50	4	1	4	1	3	5	6	2	2	3	5	----	----	3rd
60	3	2	2	3	4	3	5	-	2	5	----	----	----	2nd
VIENNESE WALTZ														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	3	1	1	1	6	----	----	----	----	----	1st
20	6	6	6	6	3	5	2	-	1	2	2	3	7	6th
30	4	5	2	5	2	6	4	-	2	2	4 ¹²	----	----	5th
40	2	3	4	4	5	2	3	-	2	4	----	----	----	2nd
50	3	4	5	2	4	3	6	-	1	3	5	----	----	3rd
60	5	2	3	1	6	4	5	1	2	3	4 ¹⁰	----	----	4th
SLOW FOXTROT														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	2	2	3	1	1	1	4	----	----	----	----	----	1st
20	4	6	4	6	4	5	2	-	1	1	4 ¹⁴	----	----	6th
30	5	4	1	5	3	6	4	1	1	2	4 ¹²	----	----	5th
40	3	5	3	4	6	2	3	-	1	4 ¹¹	----	----	----	3rd
50	2	1	6	1	5	4	5	2	3	3	4 ⁸	----	----	4th
60	6	3	5	2	2	3	6	-	2	4 ¹⁰	----	----	----	2nd
QUICKSTEP														
Couple Number	Adjudicator							Place Calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	3	1	1	1	6	----	----	----	----	----	1st
20	4	5	5	6	4	5	2	-	1	1	3	6	----	5th
30	5	6	3	5	3	6	5	-	-	2	2	5	----	6th
40	2	4	6	4	6	2	3	-	2	3	5 ¹⁵	5	7	3.5
50	6	3	4	2	2	4	6	-	2	3	5 ¹⁵	5	7	3.5
60	3	2	2	1	5	3	4	1	3	5	----	----	----	2nd

FINAL SUMMARY

							RESULT					REASON	
							First Inspection			Second Inspection		First Inspection	Second Inspection
							Rule	Rule	Rule	Rule	Rule		
No:	W	T	V	F	Q	Total	9	10	11	10	11		
10	1	1	1	1	1	5	1st					Rule 9	
20	6	5	6	6	5	28	6th					Rule 9	
30	5	6	5	5	6	27	5th					Rule 9	
40	4	4	2	3	3.5	16.5	Tie 3rd	4th				Rule 10 – Remaining couple in tie	
50	3	3	3	4	3.5	16.5	Tie 3rd	3rd				Rule 10 – Most 3 rd & above placings	
60	2	2	4	2	2	12	2nd					Rule 9	

RULE 11 CALCULATIONS

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Overall Results

Couple No:	Result
10	1st
20	6th
30	5th
40	4th
50	3rd
60	2nd

Tutorial 8

Tutorial 8 is the final tutorial of the Skating System Study Guide. The aim of this section is to give guidance on the Skating System Examination.

This tutorial will cover the following topics.

- Scope of the Examination
- Examination Rules
- How to study for the examination
- Homework – Full practice exams
- Answers

Scope of the Examination

All new candidates not accredited by their member body must take a theory examination consisting of 10 questions on all principles of the Scrutineering Skating System including general principles, single dance calculations, multi-dance events and rules governing management of ties.

There are 4 parts to the theory examinations. Exam questions will be provided by your DanceSport Member Body and supervised by an Invigilator (as per the conditions for the applications of the examination).

Part 1 – Answer 4 multiple-choice questions relating to general Scrutineer conduct at competitions.

Part 2 – Perform simple calculations demonstrating an understanding of the “Majority” principle.

Part 3 – Calculate the placings achieved for Couples dancing in single dance events.

Part 4 – Allocate place marks in “Final Summaries” of multi-dance events and state the reasons for allocating the various places to the ‘tied’ couples. This section tests the Candidates knowledge of Rules 9 & 10 of the Skating System.

Part 5 – Allocate the place marks in “Final summaries” of a multi-dance event and show calculations for Rules 9, 10 and 11 of the Skating System. This question tests the Candidates knowledge of applying Rule 11 and the reasons for applying it.

Examination rules and requirements

The examination will be carried out by an appointed Invigilator by your member body. The Invigilator will be required to follow a certain procedure for conducting an examination as determined by your member body.

The most important points regarding the exam are:

- Time allowed to complete the exam paper is 40 minutes
- 100% accuracy is required to obtain a pass
- Only writing implements are allowed in the exam. Notes, manuals, calculators, computers, phones, smart watches etc. are not permitted

Study tips for the Examination

Time management - To start with, work completely through an Exam and take note of the time taken. This will of course, give you a guide on how to manage your time and if you need to practice working at a quicker pace.

Check your understanding - After each exam paper compare your results with the given answers at the end of this book. Note where you have gone wrong if errors have occurred, make sure you understand how the errors happened and how they should be fixed. You may need to re-study some areas of the rules and complete some extra practice exercises in particular areas.

Accuracy required - As candidates are marked on technical accuracy, the passing grade is 100% for the examination. A very minor error may be allowed by the DanceSport Examiner as a Pass mark provided the candidate has demonstrated a thorough and perfect understanding of the Skating System principles.

Practice - Practice and aim to complete the exam within approximately 25-30 minutes and use the remaining time to double check your work for accuracy.

Repetition - Continue working through each exam paper monitoring your accuracy and timing until 100% result can be achieved within the given time. You can re-do the exam papers and exercises over and over as many times as you like.

Revision - It's advisable to keep practicing until the day of your examination to keep your accuracy and timing to peak performance. Do not attempt to sit your examination without some sort of revision and practice if there has been a break between your study and the exam date.

Homework

This next section includes a series of practice examination papers for training purposes.

Skating System Examination

Name: _____ Country: _____

Date: _____ Practice Examination No: 1P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
3	
4	
11	
19	
13	
12	

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	6	6							
20	1	1	1	5	5							
30	2	6	2	4	3							
40	4	2	5	3	2							
50	3	3	4	1	4							
60	5	4	3	2	1							

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	3	2	5							
20	3	6	1	4	2							
30	5	2	4	1	3							
40	4	4	2	3	1							
50	2	1	6	5	6							
60	6	3	5	6	4							

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	5	6							
20	4	5	6	4	1							
30	6	4	5	3	2							
40	1	2	3	1	4							
50	3	1	2	6	5							
60	5	6	1	2	3							

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	6	1	2	2	3							
20	6	3	3	5	5	1	1							
30	2	2	4	3	1	5	5							
40	3	1	1	4	6	3	6							
50	1	6	2	6	3	4	2							
60	5	5	5	2	4	6	4							

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	2	3	3	3	4	4							
20	2	4	4	1	1	1	4	5	3							
30	3	2	5	4	2	4	1	1	5							
40	4	3	2	3	4	5	5	2	1							
50	5	5	3	5	5	2	2	3	2							
60	6	6	6	6	6	6	6	6	6							

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	1	1	6	6			
20	3	3	5	5			
30	4	4	4	4			
40	2	2	3	3			
50	6	5	1	2			
60	5	6	2	1			

(8)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	1	2	5	2	5			
20	2.5	6	6	1	6			
30	2.5	3.5	3	4	4			
40	4	5	4	3	1			
50	6	1	2	5.5	3			
60	5	3.5	1	5.5	2			

(9)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	4	2	1	4	4			
20	3	4	2	3	3			
30	5	3	4	2	1			
40	6	1	3	1	5			
50	2	5	5	6	6			
60	1	6	6	5	2			

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	3	1	1	3	6	1	1	2	2	3	4	3	4	4	4	1	4	3	4	4
20	5	4	3	5	3	6	2	1	3	6	1	2	2	3	3	6	1	2	2	6
30	1	3	4	4	4	5	4	5	5	4	2	6	6	2	2	2	2	1	6	5
40	2	5	2	1	5	2	6	6	1	2	3	1	3	6	1	4	5	4	1	1
50	4	2	5	2	1	4	5	4	6	5	5	5	1	1	6	5	6	5	5	3
60	6	6	6	6	2	3	3	3	4	1	6	4	5	5	5	3	3	6	3	3

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total							
10	3	1	4	4	12							
20	5	4	1	2	12							
30	4	5	2	1	12							
40	2	2	3	5	12							
50	1	6	5	6	18							
60	6	3	6	3	18							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Skating System Examination

Name: _____ Country: _____

Date: _____ Practice Examination No: 2P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
12	
17	
11	
20	
6	
9	

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	6	4							
20	1	2	5	4	6							
30	2	3	3	5	5							
40	6	5	1	3	3							
50	3	6	6	2	2							
60	4	4	4	1	1							

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	1	5	4	4							
20	1	4	6	1	5							
30	2	5	3	6	2							
40	3	3	4	2	6							
50	4	6	1	3	1							
60	5	2	2	5	3							

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3							
20	3	1	3	1	2							
30	1	3	5	4	6							
40	6	2	4	2	5							
50	5	4	6	3	1							
60	2	6	2	5	4							

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	4	4	4	3	3	5							
20	4	1	3	6	6	2	2							
30	2	6	1	2	5	4	3							
40	5	3	2	1	1	6	6							
50	6	5	5	3	2	1	1							
60	3	2	6	5	4	5	4							

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	1	5	3	5	5	4							
20	5	6	5	5	1	1	2	3	2							
30	2	2	2	4	4	4	3	6	1							
40	4	4	6	2	2	2	6	1	3							
50	3	3	3	3	3	5	4	4	5							
60	6	5	4	6	6	6	1	2	6							

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	6	1	1			
20	3	1	3	6			
30	1	4	4	4			
40	4	5	2	2			
50	2	3	5	3			
60	6	2	6	5			

(8)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5			
20	3	3	5	1.5			
30	1	5	1	6			
40	6	1	3	3			
50	2	6	4	4.5			
60	4	2	6	4.5			

(9)

Couple No:	W	T	F	Q	Total	Result	Reason
10	3	2	1	5			
20	2	4	4	1			
30	4	3	2	2			
40	1	1	3	6			
50	6	5	6	3			
60	5	6	5	4			

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	6	1	5	1	1	5	4	6	5	6	2	5	1	4	2	2	4	1	5	5
20	1	3	1	5	2	6	5	3	6	5	3	4	6	1	3	1	1	3	2	3
30	4	2	2	3	6	3	3	2	4	4	1	1	5	5	1	4	2	5	6	2
40	3	6	3	6	4	2	1	5	1	1	5	2	2	2	5	6	5	4	1	1
50	5	4	6	2	3	1	6	4	3	2	4	3	3	3	4	3	3	6	4	6
60	2	5	4	4	5	4	2	1	2	3	6	6	4	6	6	5	6	2	3	4

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total							
10	1	6	2	3	12							
20	2	5	4	1	12							
30	3	4	1	4	12							
40	6	1	3	2	12							
50	4	3	5	6	18							
60	5	2	6	5	18							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination No: 3P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
5	
6	
9	
13	
15	
24	

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	3	1	1							
20	3	1	5	6	4							
30	2	2	4	5	3							
40	1	6	2	3	2							
50	6	5	6	4	6							
60	5	3	1	2	5							

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	1	3	6	2							
20	5	6	1	2	1							
30	4	5	4	4	6							
40	2	3	2	3	5							
50	6	4	6	5	3							
60	1	2	5	1	4							

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	2	6							
20	5	6	4	5	3							
30	3	5	3	4	1							
40	1	3	6	1	2							
50	2	4	2	3	5							
60	6	2	1	6	4							

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	5	6	2	5	1	2							
20	1	3	1	5	2	4	5							
30	2	4	4	1	3	2	3							
40	5	2	3	4	4	6	1							
50	6	1	2	3	1	3	4							
60	4	6	5	6	6	5	6							

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	5	2	6	1	4	1	5	2	6							
20	4	6	4	4	5	6	4	6	3							
30	3	1	1	5	3	5	3	4	1							
40	6	4	2	2	1	3	6	3	2							
50	2	3	5	6	2	4	2	1	5							
60	1	5	3	3	6	2	1	5	4							

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	2	1	6	6			
20	4	3	3	5			
30	3	4	4	4			
40	1	2	5	1			
50	6	5	1	3			
60	5	6	2	2			

(8)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	4	3	2	4	6			
20	5	2	3	6	3			
30	1	1	1	5	2			
40	6	4	6	2	1			
50	2	6	5	1	5			
60	3	5	4	3	4			

(9)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	6	5	1	3	3			
20	1	6	4	1	5			
30	2	2	3	5	6			
40	3	1	5	4	4			
50	4	4	6	2	1			
60	5	3	2	6	2			

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	1	2	5	3	4	4	4	4	1	5	6	3	2	3	3	2	4	2	4
20	4	5	3	1	1	1	2	2	3	4	3	3	1	3	6	4	4	6	3	6
30	6	6	1	4	4	2	5	5	5	5	1	1	2	5	2	2	6	2	6	1
40	3	3	6	3	6	6	6	6	6	6	2	2	5	1	5	5	1	5	1	3
50	5	4	4	6	2	3	1	3	1	3	4	5	4	4	1	1	5	1	5	2
60	2	2	5	2	5	5	3	1	2	2	6	4	6	6	4	6	3	3	4	5

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total							
10	1	4	4	4	13							
20	3	1	3	6	13							
30	5	5	1	2	13							
40	4	6	2	3	15							
50	6	3	5	1	15							
60	2	2	6	5	15							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination No: 4P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
6	
8	
12	
4	
16	
24	

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	6	6	1	4							
20	6	5	2	3	2							
30	5	3	5	4	1							
40	2	4	1	6	5							
50	1	1	4	5	6							
60	4	2	3	2	3							

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	5	3	6	1							
20	1	6	4	5	3							
30	4	3	1	2	6							
40	3	4	2	1	2							
50	6	1	6	3	4							
60	5	2	5	4	5							

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	2	4	5							
20	2	4	3	1	1							
30	3	1	5	2	4							
40	5	6	4	6	2							
50	4	2	1	5	3							
60	6	5	6	3	6							

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	3	2	5	6	4							
20	1	2	4	1	6	3	5							
30	6	1	5	5	1	4	2							
40	5	4	1	6	2	5	3							
50	3	6	2	4	3	1	6							
60	4	5	6	3	4	2	1							

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	3	1	1	3	1	1	4							
20	3	1	5	6	4	1	6	3	5							
30	2	2	4	5	3	4	2	6	3							
40	1	6	2	3	2	2	5	2	1							
50	6	5	6	2	6	6	3	4	2							
60	5	3	1	2	5	5	4	5	6							

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	1	2	1			
20	6	5	3	2			
30	1	4	5	6			
40	2	6	4	4			
50	4	3	6	3			
60	3	2	1	5			

(8)

Couple No:	W	T	F	Q	Total	Result	Reason
10	1	4	2	3			
20	6	6	3	1			
30	2	2	6	6			
40	5	5	4	2			
50	3	3	5	5			
60	4	1	1	4			

(9)

Couple No:	W	T	F	Q	Total	Result	Reason
10	6	2	2	4			
20	5	4	4	1			
30	4	5	3	2			
40	3	3	5	3			
50	1	1	6	6			
60	2	6	1	5			

10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	4	2	1	5	3	6	5	4	1	1	1	1	3	2	3	3	2	2	2	1
20	6	5	3	1	5	2	4	1	5	5	2	4	1	5	5	1	1	3	4	2
30	1	6	4	3	2	4	2	5	6	2	4	2	5	6	2	2	4	1	1	3
40	3	1	2	4	4	5	6	2	3	4	5	6	2	3	4	6	5	4	6	5
50	2	3	5	6	1	3	3	6	4	6	6	5	4	1	1	5	6	6	3	4
60	5	4	6	2	6	1	1	3	2	3	3	3	6	4	6	4	3	5	5	6

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total							
10	2	2	1	1	6							
20	5	3	3	2½	13½							
30	3	4	4	2½	13½							
40	1	5	5	6	17							
50	4	6	2	5	17							
60	6	1	6	4	17							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination No: 5P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
4	
6	
8	
12	
16	
24	

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	6	4							
20	1	2	5	4	6							
30	2	3	3	5	5							
40	6	5	1	3	3							
50	3	6	6	2	2							
60	4	4	4	1	1							

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	1	5	4	4							
20	1	4	6	1	5							
30	2	5	3	6	2							
40	3	3	4	2	6							
50	4	6	1	3	1							
60	5	2	2	5	3							

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	6	1	1	1							
20	2	3	4	5	6							
30	3	4	5	6	2							
40	4	5	6	2	3							
50	1	2	3	4	5							
60	5	1	2	3	4							

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	4	4	4	3	3	5							
20	4	1	3	6	6	2	2							
30	2	6	1	2	5	4	3							
40	5	3	2	1	1	6	6							
50	6	5	5	3	2	1	1							
60	3	2	6	5	4	5	4							

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	1	5	3	5	5	4							
20	5	6	5	5	1	1	2	3	2							
30	2	2	2	4	4	4	3	6	1							
40	4	4	6	2	2	2	6	1	3							
50	3	3	3	3	3	5	4	4	5							
60	6	5	4	6	6	6	1	2	6							

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	6	1	1	13		
20	3	1	3	6	13		
30	1	4	4	4	13		
40	4	5	2	2	13		
50	2	3	5	3	13		
60	6	2	6	5	19		

(8)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5	12.5		
20	3	3	5	1.5	12.5		
30	1	5	1	6	13		
40	6	1	3	3	13		
50	2	6	4	4.5	16.5		
60	4	2	6	4.5	16.5		

(9)

Couple No:	W	T	F	Q	Total	Result	Reason
10	3	2	1	5	11		
20	2	4	4	1	11		
30	4	3	2	2	11		
40	1	1	3	6	11		
50	6	5	6	3	20		
60	5	6	5	4	20		

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	2	4	1	5	5	3	3	3	6	3	3	4	4	3	3	5	5	6	6	6
20	4	2	5	6	2	6	1	2	2	5	6	6	6	6	4	4	4	5	3	5
30	3	3	6	4	6	4	4	6	4	4	1	3	3	4	6	2	6	3	5	2
40	5	6	2	3	4	5	6	4	3	6	2	5	5	2	2	3	3	4	4	4
50	1	1	3	2	3	1	5	1	1	2	4	2	2	5	1	6	2	2	1	1
60	6	5	4	1	1	2	2	5	5	1	5	1	1	1	5	1	1	1	2	3

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total							
10	3	4	5	6	18							
20	4	3	6	5	18							
30	6	5	4	3	18							
40	5	6	3	4	18							
50	1	1	2	2	6							
60	2	2	1	1	6							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Skating System Examination

Name: _____ Country: _____

Date: _____ Practice Examination No: 6P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
3	
4	
11	
19	
13	
12	

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	6	6							
20	1	1	1	5	5							
30	2	6	2	4	3							
40	4	2	5	3	2							
50	3	3	4	1	4							
60	5	4	3	2	1							

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	3	2	5							
20	3	6	1	4	2							
30	5	2	4	1	3							
40	4	4	2	3	1							
50	2	1	6	5	6							
60	6	3	5	6	4							

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	5	6							
20	4	5	6	4	1							
30	6	4	5	3	2							
40	1	2	3	1	4							
50	3	1	2	6	5							
60	5	6	1	2	3							

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	6	1	2	2	3							
20	6	3	3	5	5	1	1							
30	2	2	4	3	1	5	5							
40	3	1	1	4	6	3	6							
50	1	6	2	6	3	4	2							
60	5	5	5	2	4	6	4							

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	2	3	3	3	4	4							
20	2	4	4	1	1	1	4	5	3							
30	3	2	5	4	2	4	1	1	5							
40	4	3	2	3	4	5	5	2	1							
50	5	5	3	5	5	2	2	3	2							
60	6	6	6	6	6	6	6	6	6							

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	1	1	6	6			
20	3	3	5	5			
30	4	4	4	4			
40	2	2	3	3			
50	6	5	1	2			
60	5	6	2	1			

(8)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	1	2	5	2	5			
20	2.5	6	6	1	6			
30	2.5	3.5	3	4	4			
40	4	5	4	3	1			
50	6	1	2	5.5	3			
60	5	3.5	1	5.5	2			

(9)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	4	2	1	4	4			
20	3	4	2	3	3			
30	5	3	4	2	1			
40	6	1	3	1	5			
50	2	5	5	6	6			
60	1	6	6	5	2			

(10) If after applying Rules 9 and 10 there is still a tie in the Final Summary, then apply Rule 11. (That is, refer back to the Adjudicators markings in the four individual dances.)

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	6	1	2	1	1	6	2	3	2	1	1	4	1	3	6	1	2	2	1
20	5	5	2	5	4	4	4	3	1	1	3	4	2	4	6	1	5	4	5	6
30	2	1	3	4	2	2	2	4	5	3	2	6	3	5	4	4	6	3	4	5
40	6	2	5	3	3	6	5	6	4	6	4	5	6	2	1	3	4	1	3	3
50	4	4	6	6	6	3	1	5	6	4	5	2	1	3	2	2	3	5	6	2
60	3	3	4	1	5	5	3	1	2	5	6	3	5	6	5	5	2	6	1	4

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	1	1	1	4							
20	5	2	3	6	16							
30	2	4	5	5	16							
40	4	6	4	2	16							
50	6	5	2	3	16							
60	3	3	6	4	16							

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10							
20							
30							
40							
50							
60							

Answers

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination Answer: 1P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
3	2
4	3
11	6
19	10
13	7
12	7

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	6	6	-	-	-	-	1	5	6th
20	1	1	1	5	5	3	-----	-----	-----	-----	-----	1st
30	2	6	2	4	3	-	2	3 ⁷	4	4	-----	5th
40	4	2	5	3	2	-	2	3 ⁷	4	5	-----	4th
50	3	3	4	1	4	1	1	3 ⁷	5	-----	-----	3rd
60	5	4	3	2	1	1	2	3 ⁶	-----	-----	-----	2nd

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	3	2	5	1	2	3 ⁶	3	-----	-----	4th
20	3	6	1	4	2	1	2	3 ⁶	4	4	-----	3rd
30	5	2	4	1	3	1	2	3 ⁶	4	5	-----	2nd
40	4	4	2	3	1	1	2	3 ⁶	5	-----	-----	1st
50	2	1	6	5	6	1	2	2	2	3 ⁸	-----	5th
60	6	3	5	6	4	-	-	1	2	3 ¹²	-----	6th

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	5	6	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	4
20	4	5	6	4	1	1	1	1	3 ⁹	4 ¹⁴	5 ²⁰	4
30	6	4	5	3	2	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	4
40	1	2	3	1	4	2	3	-----	-----	-----	-----	1st
50	3	1	2	6	5	1	2	3 ⁶	3 ⁶	4 ¹¹	-----	2.5
60	5	6	1	2	3	1	2	3 ⁶	3 ⁶	4 ¹¹	-----	2.5

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	6	1	2	2	3	1	3	4 ⁸	6	----	----	1st
20	6	3	3	5	5	1	1	2	2	4 ⁸	4	----	----	5th
30	2	2	4	3	1	5	5	1	3	4 ⁸	5 ¹²	7	----	2nd
40	3	1	1	4	6	3	6	2	2	4 ⁸	5 ¹²	5 ¹²	7	3.5
50	1	6	2	6	3	4	2	1	3	4 ⁸	5 ¹²	5 ¹²	7	3.5
60	5	5	5	2	4	6	4	-	1	1	3	6	----	6th

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	2	3	3	3	4	4	3	4	7	---	---	---	1st
20	2	4	4	1	1	1	4	5	3	3	4	5 ⁸	---	---	---	2nd
30	3	2	5	4	2	4	1	1	5	2	4	5 ⁹	---	---	---	3rd
40	4	3	2	3	4	5	5	2	1	1	3	5 ¹¹	---	---	---	4th
50	5	5	3	5	5	2	2	3	2	-	3	5 ¹²	---	---	---	5th
60	6	6	6	6	6	6	6	6	6	-	-	-	-	-	9	6th

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	1	1	6	6	14	2nd	Rule 10 – Most 2 nd & above placings
20	3	3	5	5	16	Rule 11 5th	Apply Rule 11 – Equal 5 th above placings, equal aggregate
30	4	4	4	4	16	Rule 11 5th	Apply Rule 11 – Equal 5 th above placings, equal aggregate
40	2	2	3	3	10	1st	Rule 9
50	6	5	1	2	14	Rule 11 3rd	Apply Rule 11 – Equal 3 rd above placings, equal aggregate
60	5	6	2	1	14	Rule 11 3rd	Apply Rule 11 – Equal 3 rd above placings, equal aggregate

(8)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	1	2	5	2	5	15	1st	Rule 9
20	2.5	6	6	1	6	21.5	6th	Rule 9
30	2.5	3.5	3	4	4	17	4th	Rule 10 – No 2 nd & above placings, remaining couple not included in Rule 11
40	4	5	4	3	1	17	Rule 11 2nd	Apply Rule 11 – Equal 2 nd and above placings, equal aggregate
50	6	1	2	5.5	3	17.5	5th	Rule 9
60	5	3.5	1	5.5	2	17	Apply Rule 11	Apply Rule 11 – Equal 2 nd and above placings, equal aggregate

(9)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	4	2	1	4	4	15	Rule 11 1 st	Apply Rule 11 – Most 1 st placings, equal aggregate
20	3	4	2	3	3	15	3rd	Rule 10 – Remaining couple not included in Rule 11, no first placings
30	5	3	4	2	1	15	Rule 11 1 st	Apply Rule 11 – Most 1 st placings, equal aggregate
40	6	1	3	1	5	16	4th	Rule 9
50	2	5	5	6	6	24	6th	Rule 9
60	1	6	6	5	2	20	5th	Rule 9

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	3	1	1	3	6	1	1	2	2	3	4	3	4	4	4	1	4	3	4	4
20	5	4	3	5	3	6	2	1	3	6	1	2	2	3	3	6	1	2	2	6
30	1	3	4	4	4	5	4	5	5	4	2	6	6	2	2	2	2	1	6	5
40	2	5	2	1	5	2	6	6	1	2	3	1	3	6	1	4	5	4	1	1
50	4	2	5	2	1	4	5	4	6	5	5	5	1	1	6	5	6	5	5	3
60	6	6	6	6	2	3	3	3	4	1	6	4	5	5	5	3	3	6	3	3

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	3	1	4	4	12	Tie 1 st	Tie 1 st		3rd			Rule 10- Remaining couple in tie
20	5	4	1	2	12	Tie 1 st	Tie 1 st	1st			Rule 11 – Largest majority 3 rd & above	
30	4	5	2	1	12	Tie 1 st	Tie 1 st		2nd			Rule 10 – Most 2 nd & above placings
40	2	2	3	5	12	Tie 1 st	4th				Rule 10 – Remaining couple, no 1 st placings, not included in Rule 11	
50	1	6	5	6	18	Tie 5 th	Tie 5 th	5th			Rule 11 – Largest majority 5 th & above	
60	6	3	6	3	18	Tie 5 th	Tie 5 th	6th			Rule 11 – Remaining couple in tie	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	5	7	12				
20	3	8	13	-----	-----	-----	1st
30	2	7	8				
40							
50	-	-	-	-	17	-----	5th
60	-	-	-	-	14	-----	

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination Answer: 2P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
12	7
17	9
11	6
20	11
6	4
9	5

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	6	4	1	2	2	3 ⁷	4 ¹¹	5 ¹⁷	5.5
20	1	2	5	4	6	1	2	2	3 ⁷	4 ¹¹	5 ¹⁷	5.5
30	2	3	3	5	5	-	1	3 ⁸	-----	-----	-----	3rd
40	6	5	1	3	3	1	1	3 ⁷	3 ⁷	4	-----	1st
50	3	6	6	2	2	-	2	3 ⁷	3 ⁷	3	-----	2nd
60	4	4	4	1	1	2	2	2	5	-----	-----	4th

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	1	5	4	4	1	1	1	3 ⁹	-----	-----	6th
20	1	4	6	1	5	2	2	2	3 ⁶	-----	-----	5th
30	2	5	3	6	2	-	2	3 ⁷	4	-----	-----	3rd
40	3	3	4	2	6	-	1	3 ⁸	-----	-----	-----	4th
50	4	6	1	3	1	2	2	3 ⁵	-----	-----	-----	1st
60	5	2	2	5	3	-	2	3 ⁷	5	-----	-----	2nd

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	5	1	6	3	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
20	3	1	3	1	2	2	3	-----	-----	-----	-----	1st
30	1	3	5	4	6	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
40	6	2	4	2	5	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4
50	5	4	6	3	1	1	1	2	3 ⁸	4 ¹³	5 ¹⁹	4
60	2	6	2	5	4	-	2	2	3 ⁸	4 ¹³	5 ¹⁹	4

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	4	4	4	3	3	5	1	1	3	6	-----	-----	5th
20	4	1	3	6	6	2	2	1	3	4 ⁸	5 ¹²	5	-----	4th
30	2	6	1	2	5	4	3	1	3	4 ⁸	5 ¹²	6	-----	3rd
40	5	3	2	1	1	6	6	2	3	4 ⁷	4 ⁷	5	-----	2nd
50	6	5	5	3	2	1	1	2	3	4 ⁷	4 ⁷	6	-----	1st
60	3	2	6	5	4	5	4	-	1	2	4	-----	-----	6th

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	1	5	3	5	5	4	4	4	5 ⁷	---	---	---	1st
20	5	6	5	5	1	1	2	3	2	2	4	5 ⁹	---	---	---	2nd
30	2	2	2	4	4	4	3	6	1	1	4	5 ¹⁰	8	---	---	3rd
40	4	4	6	2	2	2	6	1	3	1	4	5 ¹⁰	7	---	---	4th
50	3	3	3	3	3	5	4	4	5	-	-	5 ¹²	---	---	---	5th
60	6	5	4	6	6	6	1	2	6	1	2	2	3	4	9	6th

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	6	1	1	13	2nd	Rule 10 – Most 2 nd & above, lowest aggregate
20	3	1	3	6	13	3rd	Rule 10 – Most 3 rd & above, lowest aggregate
30	1	4	4	4	13	4th	Rule 10 – Most 4 th & above
40	4	5	2	2	13	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
50	2	3	5	3	13	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
60	6	2	6	5	19	1st	Rule 9

(8)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5	12.5	Tie 1st	Apply Rule 11 – No 1 st placings
20	3	3	5	1.5	12.5	Tie 1st	Apply Rule 11 – No 1 st placings
30	1	5	1	6	13	4th	Rule 10 – Remaining couple in tie
40	6	1	3	3	13	3rd	Rule 10 – Most 3 rd & above placings
50	2	6	4	4.5	16.5	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
60	4	2	6	4.5	16.5	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate

(9)

Couple No:	W	T	F	Q	Total	Result	Reason
10	3	2	1	5	11	Tie 2nd	Apply Rule 11 – Equal 2 nd & above, equal aggregate
20	2	4	4	1	11	Tie 2nd	Apply Rule 11 – Equal 2 nd & above, equal aggregate
30	4	3	2	2	11	4th	Rule 10 - Remaining couple in tie
40	1	1	3	6	11	1st	Rule 10 – Most 1 st placings
50	6	5	6	3	20	6th	Rule 10 – Remaining couple in tie
60	5	6	5	4	20	5th	Rule 10 – Most 5 th & above placings

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	6	1	5	1	1	5	4	6	5	6	2	5	1	4	2	2	4	1	5	5
20	1	3	1	5	2	6	5	3	6	5	3	4	6	1	3	1	1	3	2	3
30	4	2	2	3	6	3	3	2	4	4	1	1	5	5	1	4	2	5	6	2
40	3	6	3	6	4	2	1	5	1	1	5	2	2	2	5	6	5	4	1	1
50	5	4	6	2	3	1	6	4	3	2	4	3	3	3	4	3	3	6	4	6
60	2	5	4	4	5	4	2	1	2	3	6	6	4	6	6	5	6	2	3	4

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	6	2	3	12	Tie 1st	Tie 1st		Tie 2nd	3rd		R10 – Equal 2nds & agg. R11 – Remaining couple
20	2	5	4	1	12	Tie 1st	Tie 1st	1st			Rule 11 – Largest majority 3 rd & above	
30	3	4	1	4	12	Tie 1st	Tie 1st		4th			R10 – Remaining couple not included in tie for 2 nd place
40	6	1	3	2	12	Tie 1st	Tie 1st		Tie 2nd	2nd		R10 – Equal 2 nd & agg. R11 – Majority 3 rd & above
50	4	3	5	6	18	Tie 5th	Tie 5th	5th			Rule 11 – Largest majority 5 th & above	
60	5	2	6	5	18	Tie 5th	Tie 5th	6th			Rule 11 – Remaining couple in tie	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	5	8	8				
20	5	7	13	-----	-----	-----	1st
30	3	8	11				
40	5	9	11	=====	=====	=====	2nd
50	-	-	-	-	16	-----	5th
60	-	-	-		15		

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination Answer: 3P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
5	3
6	4
9	5
13	7
15	8
24	13

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	3	1	1	2	2	3 ⁵	----	----	----	2nd
20	3	1	5	6	4	1	1	2	3	----	----	5th
30	2	2	4	5	3	-	2	3 ⁷	----	----	----	4th
40	1	6	2	3	2	1	3	----	----	----	----	1st
50	6	5	6	4	6	-	-	-	1	2	5	6th
60	5	3	1	2	5	1	2	3 ⁶	----	----	----	3rd

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	1	3	6	2	1	2	4	----	----	----	3rd
20	5	6	1	2	1	2	3 ⁴	3 ⁴	3	----	----	2nd
30	4	5	4	4	6	-	-	-	3	----	----	5th
40	2	3	2	3	5	-	2	4	----	----	----	4th
50	6	4	6	5	3	-	-	1	2	3	----	6th
60	1	2	5	1	4	2	3 ⁴	3 ⁴	4	----	----	1st

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	4	1	5	2	6	1	2	2	3 ⁷	4	----	4th
20	5	6	4	5	3	-	-	1	2	4	----	6th
30	3	5	3	4	1	1	1	3 ⁷	4 ¹¹	5	----	2.5
40	1	3	6	1	2	2	3	----	----	----	----	1st
50	2	4	2	3	5	-	2	3 ⁷	4 ¹¹	5	----	2.5
60	6	2	1	6	4	1	2	2	3 ⁷	3	----	5th

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	3	5	6	2	5	1	2	1	3	4 ⁸	----	----	----	4th
20	1	3	1	5	2	4	5	2	3	4 ⁷	----	----	----	3rd
30	2	4	4	1	3	2	3	1	3	5 ¹¹	----	----	----	2nd
40	5	2	3	4	4	6	1	1	2	3	5	----	----	5th
50	6	1	2	3	1	3	4	2	3	5 ¹⁰	----	----	----	1st
60	4	6	5	6	6	5	6	-	-	-	3	3	7	6th

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	5	2	6	1	4	1	5	2	6	2	4	4	5 ¹⁰	---	---	5th
20	4	6	4	4	5	6	4	6	3	-	-	1	5 ¹⁹	---	---	6th
30	3	1	1	5	3	5	3	4	1	3	3	6 ¹²	---	---	---	1st
40	6	4	2	2	1	3	6	3	2	1	4	6 ¹³	---	---	---	2nd
50	2	3	5	6	2	4	2	1	5	1	3	5 ¹⁰	6 ¹⁴	8 ²⁴	9 ³⁰	3.5
60	1	5	3	3	6	2	1	5	4	2	3	5 ¹⁰	6 ¹⁴	8 ²⁴	9 ³⁰	3.5

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	2	1	6	6	15	2nd	Rule 10 – Equal 2 nd & above, lowest aggregate
20	4	3	3	5	15	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
30	3	4	4	4	15	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
40	1	2	5	1	9	1st	Rule 9
50	6	5	1	3	15	Tie 3rd	Apply Rule 11 – Equal 3 rd & above, equal aggregate
60	5	6	2	2	15	Tie 3rd	Apply Rule 11 – Equal 3 rd & above, equal aggregate

(8)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	4	3	2	4	6	19	4th	Rule 10 – Equal 4 th & above, lowest aggregate
20	5	2	3	6	3	19	6th	Rule 10 – Remaining couple in tie
30	1	1	1	5	2	10	1st	Rule 9
40	6	4	6	2	1	19	Tie 2nd	Apply Rule 11 – Equal 2 nd & above, equal aggregate
50	2	6	5	1	5	19	Tie 2nd	Apply Rule 11 – Equal 2 nd & above, equal aggregate
60	3	5	4	3	4	19	5th	Rule 10 – Most 5 th & above placings

(9)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	6	5	1	3	3	18	Tie 4th	Apply Rule 11 – Equal 4 th & above, equal aggregate
20	1	6	4	1	5	17	1st	Rule 10 – Most 1 st places
30	2	2	3	5	6	18	Tie 4th	Apply Rule 11 – Equal 4 th & above, equal aggregate
40	3	1	5	4	4	17	3rd	Rule 10 – Remaining couple in tie
50	4	4	6	2	1	17	2nd	Rule 10 – Most 2 nd & above placings
60	5	3	2	6	2	18	Tie 4th	Apply Rule 11 – Equal 4 th & above, equal aggregate

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	1	2	5	3	4	4	4	4	1	5	6	3	2	3	3	2	4	2	4
20	4	5	3	1	1	1	2	2	3	4	3	3	1	3	6	4	4	6	3	6
30	6	6	1	4	4	2	5	5	5	5	1	1	2	5	2	2	6	2	6	1
40	3	3	6	3	6	6	6	6	6	6	2	2	5	1	5	5	1	5	1	3
50	5	4	4	6	2	3	1	3	1	3	4	5	4	4	1	1	5	1	5	2
60	2	2	5	2	5	5	3	1	2	2	6	4	6	6	4	6	3	3	4	5

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total							
10	1	4	4	4	13	Tie 1 st	Tie 1 st		3rd			Rule 10 – Remaining couple in tie
20	3	1	3	6	13	Tie 1 st	Tie 1 st	1st			Rule 11 – Largest majority 3 rd & above	
30	5	5	1	2	13	Tie 1 st	Tie 1 st		2nd			Rule 10 – Most 2 nd & above placings
40	4	6	2	3	15	Tie 5 th	4th				Rule 10 – Most 4 th & above placings	
50	6	3	5	1	15	Tie 5 th	Tie 5 th	5th			Rule 11 – Largest majority 5 th & above	
60	2	2	6	5	15	Tie 5 th	Tie 5 th	6th			Rule 11 – Remaining couple in tie	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	3	7	11				
20	4	6	12	-----	-----	-----	1st
30	4	9	9				
40							
50	-	-	-	-	19	-----	5th
60	-	-	-	-	16		

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination Answer: 4P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
6	4
8	5
12	7
4	3
16	9
24	13

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	3	6	6	1	4	1	1	2	3 ⁸	3	----	6th
20	6	5	2	3	2	-	2	3	----	----	----	2nd
30	5	3	5	4	1	1	1	2	3 ⁸	5	----	5th
40	2	4	1	6	5	1	2	2	3 ⁷	----	----	4th
50	1	1	4	5	6	2	2	2	3 ⁶	----	----	3rd
60	4	2	3	2	3	-	2	3	----	----	----	1st

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	5	3	6	1	1	2	3 ⁶	3	----	----	3rd
20	1	6	4	5	3	1	1	2	3 ⁸	4	----	4th
30	4	3	1	2	6	1	2	3 ⁶	4	----	----	2nd
40	3	4	2	1	2	1	3	----	----	----	----	1st
50	6	1	6	3	4	1	1	2	3 ⁸	3	----	5th
60	5	2	5	4	5	-	1	1	2	5	----	6th

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	3	2	4	5	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	-----	3
20	2	4	3	1	1	2	3	-----	-----	-----	-----	1st
30	3	1	5	2	4	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	-----	3
40	5	6	4	6	2	-	1	1	2	3	-----	5th
50	4	2	1	5	3	1	2	3 ⁶	4 ¹⁰	5 ¹⁵	-----	3
60	6	5	6	3	6	-	-	1	1	2	5	6th

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	3	2	5	6	4	-	2	4 ¹⁰	----	----	----	3rd
20	1	2	4	1	6	3	5	2	3	4 ⁷	----	----	----	1st
30	6	1	5	5	1	4	2	2	3	3	4 ⁸	----	----	5th
40	5	4	1	6	2	5	3	1	2	3	4 ¹⁰	----	----	6th
50	3	6	2	4	3	1	6	1	2	4 ⁹	----	----	----	2nd
60	4	5	6	3	4	2	1	1	2	3	5	----	----	4th

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	3	1	1	3	1	1	4	4	4	6	---	---	---	2nd
20	3	1	5	6	4	1	6	3	5	2	2	4	5	---	---	4th
30	2	2	4	5	3	4	2	6	3	-	3	5	---	---	---	3rd
40	1	6	2	3	2	2	5	2	1	2	6	---	---	---	---	1st
50	6	5	6	2	6	6	3	4	2	-	2	3	4	5	---	6th
60	5	3	1	2	5	5	4	5	6	1	2	3	4	8	---	5th

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	1	2	1	9	1st	Rule 9
20	6	5	3	2	16	3rd	Rule 10 – Most 3 rd & above, lowest aggregate
30	1	4	5	6	16	6th	Rule 10 – Remaining couple in tie
40	2	6	4	4	16	Tie 4th	Apply Rule 11 – Equal 4 th & above, equal aggregate
50	4	3	6	3	16	Tie 4th	Apply Rule 11 – Equal 4 th & above, equal aggregate
60	3	2	1	5	11	2nd	Rule 9

(8)

Couple No:	W	T	F	Q	Total	Result	Reason
10	1	4	2	3	10	2nd	Rule 10 – Remaining couple in tie
20	6	6	3	1	16	Tie 3rd	Apply Rule 11 – Equal 3 rd & above, equal aggregate
30	2	2	6	6	16	Tie 3rd	Apply Rule 11 – Equal 3 rd & above, equal aggregate
40	5	5	4	2	16	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
50	3	3	5	5	16	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
60	4	1	1	4	10	1st	Rule 10 – Most 1 st places

(9)

Couple No:	W	T	F	Q	Total	Result	Reason
10	6	2	2	4	14	4th	Rule 10 – Most 4 th & above, lowest aggregate
20	5	4	4	1	14	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
30	4	5	3	2	14	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
40	3	3	5	3	14	3rd	Rule 10 – Most 3 rd & above placings
50	1	1	6	6	14	1st	Rule 10 – Most 1 st places
60	2	6	1	5	14	2nd	Rule 10 – Most 2 nd & above placings

10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	4	2	1	5	3	6	5	4	1	1	1	1	3	2	3	3	2	2	2	1
20	6	5	3	1	5	2	4	1	5	5	2	4	1	5	5	1	1	3	4	2
30	1	6	4	3	2	4	2	5	6	2	4	2	5	6	2	2	4	1	1	3
40	3	1	2	4	4	5	6	2	3	4	5	6	2	3	4	6	5	4	6	5
50	2	3	5	6	1	3	3	6	4	6	6	5	4	1	1	5	6	6	3	4
60	5	4	6	2	6	1	1	3	2	3	3	3	6	4	6	4	3	5	5	6

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	2	2	1	1	6	1st					Rule 9	
20	5	3	3	2½	13½	Tie 2nd	Tie 2nd	3rd			Rule 11 – Remaining coupe in tie	
30	3	4	4	2½	13½	Tie 2nd	Tie 2nd	2nd			Rule 11 – Majority 2nd & above placings	
40	1	5	5	6	17	Tie 4th	Tie 5th	6th			Rule 11 – Remaining coupe in tie	
50	4	6	2	5	17	Tie 4th	Tie 5th	5th			Rule 11 – Largest majority 4th & above	
60	6	1	6	4	17	Tie 4th	4th				Rule 10 – Equal 4th & above, lowest aggregate	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2nd & Higher	3rd & Higher	4th & Higher	5th & Higher	6th & Higher	Result under Rule 11 ONLY
10							
20	-	8	10				
30	-	9	11	-----	-----	-----	2nd
40	-	-	-	-	16	-----	5th
50	-	-	-	-	14		
60							

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination Answer: 5P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
4	3
6	4
8	5
12	7
16	9
24	13

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	5	1	2	6	4	1	2	2	3 ⁷	4 ¹¹	5 ¹⁷	5.5
20	1	2	5	4	6	1	2	2	3 ⁷	4 ¹¹	5 ¹⁷	5.5
30	2	3	3	5	5	-	1	3 ⁸	-----	-----	-----	3rd
40	6	5	1	3	3	1	1	3 ⁷	3 ⁷	4	-----	1st
50	3	6	6	2	2	-	2	3 ⁷	3 ⁷	3	-----	2nd
60	4	4	4	1	1	2	2	2	5	-----	-----	4th

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	1	5	4	4	1	1	1	3 ⁹	-----	-----	6th
20	1	4	6	1	5	2	2	2	3 ⁶	-----	-----	5th
30	2	5	3	6	2	-	2	3 ⁷	4	-----	-----	2nd
40	3	3	4	2	6	-	1	3 ⁸	-----	-----	-----	4th
50	4	6	1	3	1	2	2	3 ⁵	-----	-----	-----	3rd
60	5	2	2	5	3	-	2	3 ⁷	5	-----	-----	1st

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	6	1	1	1	3	-----	-----	-----	-----	-----	1st
20	2	3	4	5	6	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
30	3	4	5	6	2	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
40	4	5	6	2	3	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
50	1	2	3	4	5	1	2	3 ⁶	4 ¹⁰	6	-----	2.5
60	5	1	2	3	4	1	2	3 ⁶	4 ¹⁰	6	-----	2.5

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	1	4	4	4	3	3	5	1	1	6	----	----	----	1st
20	4	1	3	6	6	2	2	1	3	4 ⁸	5 ¹²	5	----	5th
30	2	6	1	2	5	4	3	1	3	4 ⁸	5 ¹²	6	----	4th
40	5	3	2	1	1	6	6	2	3	4 ⁷	4 ⁷	5	----	3rd
50	6	5	5	3	2	1	1	2	3	4 ⁷	4 ⁷	6	----	2nd
60	3	2	6	5	4	5	4	-	1	2	4	----	----	6th

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	1	5	3	5	5	4	4	4	5 ⁷	---	---	---	1st
20	5	6	5	5	1	1	2	3	2	2	4	5 ⁹	---	---	---	2nd
30	2	2	2	4	4	4	3	6	1	1	4	5 ¹⁰	8	---	---	3rd
40	4	4	6	2	2	2	6	1	3	1	4	5 ¹⁰	7	---	---	4th
50	3	3	3	3	3	5	4	4	5	-	-	5 ¹²	---	---	---	5th
60	6	5	4	6	6	6	1	2	6	1	2	2	3	4	9	6th

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	6	1	1	13	2nd	Rule 10 – Most 2 nd & above, lowest aggregate
20	3	1	3	6	13	3rd	Rule 10 – Most 3 rd & above, lowest aggregate
30	1	4	4	4	13	4th	Rule 10 – Most 4 th & above
40	4	5	2	2	13	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
50	2	3	5	3	13	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
60	6	2	6	5	19	1st	Rule 9

(8)

Couple No:	W	T	F	Q	Total	Result	Reason
10	5	4	2	1.5	12.5	Tie 1st	Apply Rule 11 – No 1 st placings
20	3	3	5	1.5	12.5	Tie 1st	Apply Rule 11 – No 1 st placings
30	1	5	1	6	13	4th	Rule 10 – Remaining couple in tie
40	6	1	3	3	13	3rd	Rule 10 – Most 3 rd & above placings
50	2	6	4	4.5	16.5	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate
60	4	2	6	4.5	16.5	Tie 5th	Apply Rule 11 – Equal 5 th & above, equal aggregate

(9)

Couple No:	W	T	F	Q	Total	Result	Reason
10	3	2	1	5	11	Tie 2nd	Apply Rule 11 – Equal 2 nd & above, equal aggregate
20	2	4	4	1	11	Tie 2nd	Apply Rule 11 – Equal 2 nd & above, equal aggregate
30	4	3	2	2	11	4th	Rule 10 - Remaining couple in tie
40	1	1	3	6	11	1st	Rule 10 – Most 1 st placings
50	6	5	6	3	20	6th	Rule 10 – Remaining couple in tie
60	5	6	5	4	20	5th	Rule 10 – Most 5 th & above placings

(10) Calculate the results of the following event and if after applying Rules 9 and 10 there is still a tie in the final summary, then apply Rule 11. Results of the individual dances have been given in the final summary sheet as shown.

Judges markings in the four individual dances are shown below.

Couple No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	2	4	1	5	5	3	3	3	6	3	3	4	4	3	3	5	5	6	6	6
20	4	2	5	6	2	6	1	2	2	5	6	6	6	6	4	4	4	5	3	5
30	3	3	6	4	6	4	4	6	4	4	1	3	3	4	6	2	6	3	5	2
40	5	6	2	3	4	5	6	4	3	6	2	5	5	2	2	3	3	4	4	4
50	1	1	3	2	3	1	5	1	1	2	4	2	2	5	1	6	2	2	1	1
60	6	5	4	1	1	2	2	5	5	1	5	1	1	1	5	1	1	1	2	3

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	3	4	5	6	18	Tie 3rd	Tie 3rd		Tie 4th	Tie 5th	5 th	Rule 11 – 3 rd insp – largest majority 5 th & above
20	4	3	6	5	18	Tie 3rd	Tie 3rd		Tie 4th	Tie 4th	6 th	Rule 11 – 3 rd insp – remaining couple in tie
30	6	5	4	3	18	Tie 3rd	Tie 3rd	3rd			Rule 11 – Largest majority 4 th & above	
40	5	6	3	4	18	Tie 3rd	Tie 3rd		Tie 4th	4th		R11 – Largest majority 4 th & above placings
50	1	1	2	2	6	Tie 1st	Tie 1st	1st			Rule 11 – Largest majority 2 nd & above	
60	2	2	1	1	6	Tie 1st	Tie 1st	2nd			Rule 11 – Remaining couple in tie	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2 nd & Higher	3 rd & Higher	4 th & Higher	5 th & Higher	6 th & Higher	Result under Rule 11 ONLY
10	-	-	9	12	16	-----	5th
20	-	-	6	10	14		
30	-	-	8	14	=====	=====	3rd
40	-	-	8	13	*****	*****	4th
50	8	14	-----	-----	-----	-----	1st
60	9	12					

Skating System Examination

Name: _____ Country: _____

Date: _____

Practice Examination Answer: 6P

Time Allowed: 40 minutes

(1) If the total number of Adjudicators on a panel is as shown below, state the number of Adjudicators required for a majority in each case.

No: of Adjudicators on a panel	Number required for a majority
3	2
4	3
11	6
19	10
13	7
12	7

Allocate the places in the following "Dance Final" examples.

(2)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	6	5	6	6	6	-	-	-	-	1	5	6th
20	1	1	1	5	5	3	-----	-----	-----	-----	-----	1st
30	2	6	2	4	3	-	2	3 ⁷	4 ¹¹	4	-----	5th
40	4	2	5	3	2	-	2	3 ⁷	4 ¹¹	5	-----	4th
50	3	3	4	1	4	1	1	3 ⁷	5	-----	-----	3rd
60	5	4	3	2	1	1	3	-----	-----	-----	-----	2nd

(3)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	1	5	3	2	5	1	2	3 ⁶	3	-----	-----	4th
20	3	6	1	4	2	1	2	3 ⁶	4 ¹⁰	4	-----	3rd
30	5	2	4	1	3	1	2	3 ⁶	4 ¹⁰	5	-----	2nd
40	4	4	2	3	1	1	2	3 ⁶	5	-----	-----	1st
50	2	1	6	5	6	1	2	2	2	3 ⁸	-----	5th
60	6	3	5	6	4	-	-	1	2	3 ¹²	-----	6th

(4)

Couple No:	Adjudicator					Place Calculation						Result
	A	B	C	D	E	1	1-2	1-3	1-4	1-5	1-6	
10	2	3	4	5	6	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
20	4	5	6	4	1	1	1	1	3 ⁹	4 ¹⁴	5 ²⁰	5
30	6	4	5	3	2	-	1	2	3 ⁹	4 ¹⁴	5 ²⁰	5
40	1	2	3	1	4	2	3	-----	-----	-----	-----	1st
50	3	1	2	6	5	1	2	3 ⁶	3 ⁶	4 ¹¹	5 ¹⁷	2.5
60	5	6	1	2	3	1	2	3 ⁶	3 ⁶	4 ¹¹	5 ¹⁷	2.5

(5)

Couple No:	Adjudicator							Place calculation						Result
	A	B	C	D	E	F	G	1	1-2	1-3	1-4	1-5	1-6	
10	4	4	6	1	2	2	3	1	3	4 ⁸	6	----	----	1st
20	6	3	3	5	5	1	1	2	2	3	4	----	----	5th
30	2	2	4	3	1	5	5	1	3	4 ⁸	5 ¹²	7	----	2nd
40	3	1	1	4	6	3	6	2	2	4 ⁸	5 ¹²	5	7	3.5
50	1	6	2	6	3	4	2	1	3	4 ⁸	5 ¹²	5	7	3.5
60	5	5	5	2	4	6	4	-	1	1	3	6	----	6th

(6)

Couple No:	Adjudicator									Place Calculation						Result
	A	B	C	D	E	F	G	H	J	1	1-2	1-3	1-4	1-5	1-6	
10	1	1	1	2	3	3	3	4	4	3	4	7	---	---	---	1st
20	2	4	4	1	1	1	4	5	3	3	4	5 ⁸	---	---	---	2nd
30	3	2	5	4	2	4	1	1	5	2	4	5 ⁹	---	---	---	3rd
40	4	3	2	3	4	5	5	2	1	1	3	5 ¹¹	---	---	---	4th
50	5	5	3	5	5	2	2	3	2	-	3	5 ¹²	---	---	---	5th
60	6	6	6	6	6	6	6	6	6	-	-	-	-	-	9	6th

Allocate the places in the following “Final Summaries” and state your reasons for allocating the various places to the ‘tied’ couples. If, however, you believe the markings should be referred to Rule 11, then just enter “Rule 11” in the Result column against the appropriate competitors and complete the “Reason” Column.

(7)

Couple No:	W	T	F	Q	Total	Result	Reason
10	1	1	6	6	14	2nd	Rule 10 – Most 2 nd & above placings
20	3	3	5	5	16	Rule 11 5th	Apply Rule 11 – Equal 5 th above placings, equal aggregate
30	4	4	4	4	16	Rule 11 5th	Apply Rule 11 – Equal 5 th above placings, equal aggregate
40	2	2	3	3	10	1st	Rule 9
50	6	5	1	2	14	Rule 11 3rd	Apply Rule 11 – Equal 3 rd above placings, equal aggregate
60	5	6	2	1	14	Rule 11 3rd	Apply Rule 11 – Equal 3 rd above placings, equal aggregate

(8)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	1	2	5	2	5	15	1st	Rule 9
20	2.5	6	6	1	6	21.5	6th	Rule 9
30	2.5	3.5	3	4	4	17	4th	Rule 10 – Remaining couple in tie
40	4	5	4	3	1	17	3 rd	Rule 10 – Most 3 rd or higher placings
50	6	1	2	5.5	3	17.5	5th	Rule 9
60	5	3.5	1	5.5	2	17	2 nd	Rule 10 – Most 2 nd or higher placings

(9)

Couple No:	W	T	V	F	Q	Total	Result	Reason
10	4	2	1	4	4	15	Rule 11 1 st	Apply Rule 11 – Most 1 st placings, equal aggregate
20	3	4	2	3	3	15	3rd	Rule 10 – Remaining couple not included in Rule 11, no first placings
30	5	3	4	2	1	15	Rule 11 1 st	Apply Rule 11 – Most 1 st placings, equal aggregate
40	6	1	3	1	5	16	4th	Rule 9
50	2	5	5	6	6	24	6th	Rule 9
60	1	6	6	5	2	20	5th	Rule 9

(10) If after applying Rules 9 and 10 there is still a tie in the Final Summary, then apply Rule 11. (That is, refer back to the Adjudicators markings in the four individual dances.)

JUDGES MARKINGS IN THE FOUR INDIVIDUAL DANCES

No:	Waltz					Tango					Slow Foxtrot					Quickstep				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
10	1	6	1	2	1	1	6	2	3	2	1	1	4	1	3	6	1	2	2	1
20	5	5	2	5	4	4	4	3	1	1	3	4	2	4	6	1	5	4	5	6
30	2	1	3	4	2	2	2	4	5	3	2	6	3	5	4	4	6	3	4	5
40	6	2	5	3	3	6	5	6	4	6	4	5	6	2	1	3	4	1	3	3
50	4	4	6	6	6	3	1	5	6	4	5	2	1	3	2	2	3	5	6	2
60	3	3	4	1	5	5	3	1	2	5	6	3	5	6	5	5	2	6	1	4

FINAL SUMMARY CALCULATIONS

						RESULT					REASON	
						First Inspection			Second Inspection		First Inspection	Second Inspection
						Rule 9	Rule 10	Rule 11	Rule 10	Rule 11		
No:	W	T	F	Q	Total	9	10	11	10	11		
10	1	1	1	1	4	1st					Rule 9	
20	5	2	3	6	16	Tie 2nd	Tie 2nd		Tie 3rd	3rd		Rule 11 – Largest majority 4th & above
30	2	4	5	5	16	Tie 2nd	Tie 2nd	2nd			Rule 11 – Largest majority 4th & above	
40	4	6	4	2	16	Tie 2nd	Tie 2nd		5th			Rule 10 – Remaining couple not included in Rule 11 tie
50	6	5	2	3	16	Tie 2nd	Tie 2nd		Tie 3rd	4th		Rule 11 – Remaining couple in tie
60	3	3	6	4	16	Tie 2nd	6th				Rule 10 – No 2nd & above placings, not included in Rule 11 tie	

Enter below the information to apply Rule 11 to the couples who tied under Rule 10.

Couple No:	1st	2nd & Higher	3rd & Higher	4th & Higher	5th & Higher	6th & Higher	Result under Rule 11 ONLY
10							
20	-	5	7	13	=====	=====	3rd
30	-	6	10	15	-----	-----	2nd
40	-	4	9	12			
50	-	6	9	12			
60							

