



## Basic principles of calculation (updated January 4, 2011)

### 1. Basic principles of calculation

- a) Every section of a pattern dance and every required element of the short program, free skating, short dance, free dance, creative dance and creative skating skills have a certain base value indicated in the Scale of Value (SOV) Table.
- b) Each judge identifies for each element one of the seven grades of execution. Each grade has its own plus or minus numerical value also indicated in the SOV Table.
- c) The panel's grade of execution (GOE) is determined by calculating the trimmed mean of the numerical values of the grades of execution awarded by the judges.
- d) The trimmed mean is calculated by deleting the highest and the lowest values of all scoring judges and calculating the average of the remaining values. If there are less than five scores entered by judges for an element or component, all entered values will be used to calculate the mean.
- e) This average will become the final grade of execution for an individual section/element. The panel's GOE is rounded to two decimal places.
- f) The panel's score for each section/element is determined by adding the trimmed mean GOE to its base value.
- g) **In single and pair skating:**
  - i. Jump combinations are evaluated as one unit by adding the base values of the jumps included and applying the GOE with the numerical value of the most difficult jump. The factored base value of the jump combination will be rounded to two (2) decimal places
  - ii. Jump sequences are evaluated as one unit by adding the base values of the two highest value jumps, multiplying the result by 0.8 and after that applying the GOE with the numerical value of the most difficult jump. The factored base value of the jump sequence will be rounded to two decimal places
  - iii. In the free skate of Junior and Senior single skating the base values (but not the GOE's) for all jump elements started in the second half of the program will be multiplied by a special factor of 1.1 in order to give credit for even distribution of difficulties in the program. In the free skating of Junior and Senior pair skating the base value (but not the GOE's) for all throw jumps, jump elements, lifts and twists started in the second half of the program will be multiplied by a special factor of 1.1. Each factored base value for all jump elements (single skating) and for all throw jumps, jump elements, lifts and twists (pair skating) performed in the second half of the free skate program will be rounded to two decimal places. The second half commences in the middle of the required time without taking into account plus or minus 10 seconds allowance.
- h) **In ice dance:**
  - i. Combination lifts are evaluated as one unit by adding the base values of the two first executed types of lifts, multiplying the result by 1.0 and after that applying

the GOE with the numerical value equal to the numerical value of the same GOE for a serpentine lift of a level equal to that of the most difficult type of lift included in the combination. The factored base value of the combination lift will be rounded to two decimal places.

- i) **In interpretive skating:**
  - i. There are no required elements in interpretive skating and therefore no technical mark is assigned
  - ii. Any technical elements performed will not be identified or scored but may be considered in the transitions score
  - iii. The five program components determine the score for interpretive events, minus any deductions for violations.
- j) **In creative skating skills:**
  - i. Full technical panel not required for creative skating skills, only technical judge needed
  - ii. All elements requiring a level of difficulty shall be identified no higher than Level 1. Elements not meeting basic requirements will receive a Level 0.
  - iii. A step sequence with required elements is identified as two separate elements.
  - iv. All well balanced creative skating skills programs should receive 4 GOE's.
- k) **In synchronized skating:**
  - i. If the value of the element (after taking any missing requirement, deductions and reductions) is less than zero, the element shall be awarded a value of 0.00
  - ii. In a short program each configuration of the circle, intersection, wheel will be evaluated separately and given a GOE. In the free skate each element will be evaluated separately and given a GOE. In the short program and free skate each step sequence will be evaluated separately and given a GOE.
- l) The panel's scores for all of the elements are added, giving the technical score.
- m) Any additional element or elements exceeding the prescribed numbers will not be counted in the result of a participant/team. Only the first attempt (or allowed number of attempts) of an element will be taken into account.
- n) Bonuses are applied in CompetitiveSkate and SynchroSkate as follows:
  - Juvenile singles: Each jump identified in the program as a double Axel or any jump of higher base value will result in a technical bonus of one point
  - Pre-Novice singles: Each jump identified in the program as a triple toe-loop or any jump of higher base value will result in a technical bonus of one point
  - Novice singles: Each jump identified in the program as a triple loop or any jump of higher base value will result in a technical bonus of one point
  - Novice pair: Each twist, throw and side-by-side jump identified as a triple will result in a technical bonus of one point
  - Synchronized skating: An innovative element, movement or transition may be granted with a special bonus of two points. This bonus can only be obtained once per program.
- o) The bonus (if obtained) will be added to the sum of the panel's score for all of the elements, giving the total technical score.
- p) Each judge also marks the program components on a scale from 0.25 to 10 with 0.25 points increments.
- q) The panel's points for each program component are obtained by calculating the trimmed mean of the scoring judges' results for that program component. The trimmed mean is calculated in the manner described above in sub-paragraph d).

- r) The trimmed mean of each program component is rounded to two decimal places.
- s) The panel's points for each program component are then multiplied by a factor according to the following tables.

**i. In singles and pair:**

Event	Skating Skills	Transitions/ Linking Footwork/ Movements	Performance / Execution	Choreography	Interpretation
<b>Short Program</b>					
Pre-Novice women/ men/ pair	0.70	0.50	0.70	0.40	0.70
Novice women/ men/ pair	0.80	0.70	0.80	0.50	0.70
Junior/ Senior women/ pair	0.80	0.80	0.80	0.80	0.80
Junior/ Senior men	1.00	1.00	1.00	1.00	1.00
<b>Free Program</b>					
Pre-Juvenile, Juvenile, STARSkate & Adult women / men / pair	1.00	0.75	1.00	0.50	0.75
Pre-Novice women / men / pair	1.40	1.00	1.40	0.80	1.40
Novice women/ men/ pair	1.60	1.40	1.60	1.00	1.40
Junior / Senior women/ pair	1.60	1.60	1.60	1.60	1.60
Junior / Senior men	2.00	2.00	2.00	2.00	2.00

**ii. In ice dance:**

Event	Skating Skills	Performance	Interpretation	Timing
<b>Pattern Dance</b>				
Pre-Juvenile & Juvenile pattern	0.75	0.50	0.50	0.75
Pre-Novice pattern	0.75	0.50	0.50	0.75
Novice pattern	0.75	0.50	0.50	0.75
STARSkate & Adult	0.75	0.50	0.50	0.75

Event	Skating Skills	Transitions/ Linking Footwork/ Movements	Performance/ Execution	Choreography/ Composition	Interpretation/ Timing
<b>Short Dance</b>					
Junior / Senior short	0.80	0.70	0.70	0.80	1.00
<b>Creative Dance</b>					
STARSkate	1.00	1.00	1.00	0.50	0.75

<b>Free Dance</b>					
Juvenile free dance	1.25	0.50	1.00	0.50	1.00
Pre-Novice free dance	1.25	0.75	1.00	0.50	1.00
Novice Free dance	1.25	1.25	1.00	0.50	1.00
Junior / Senior free dance	1.25	1.75	1.00	1.00	1.00
Adult Silver & Gold free dance	1.25	0.50	1.00	0.50	0.75

iii. In interpretive skating:

Event	Skating Skills	Transitions/ Linking Footwork/ Movements	Performance/ Execution	Choreography/ Composition	Interpretation/ Timing
STARSkate & Adult	2.00	2.00	<del>3.00</del> 2.00 (Jan. 4/11)	3.00	3.00

iv. In creative skating skills:

Event	Skating Skills	Transitions/ Linking Footwork/ Movements	Performance/ Execution	Choreography/ Composition	Interpretation/ Timing
STARSkate	1.00	1.00	1.00	1.00	1.00

v. In synchronized skating:

Event	Skating Skills	Transitions/ Linking Steps/ Formations/ Connecting Elements	Performance/ Execution	Choreography/ Composition	Interpretation
<b>Short Program</b>					
Junior / Senior	0.80	0.80	0.80	0.80	0.80
<b>Free Skating</b>					
Beginner I	1.00	0.00	1.00	0.00	0.00
Beginner II	1.00	0.00	1.00	0.00	0.50
Elementary	1.00	0.50	1.00	0.50	1.00
Juvenile	1.00	0.50	1.00	0.50	1.00
Pre-Novice	1.00	0.50	1.00	0.50	1.00
Novice	1.50	1.25	1.50	1.25	1.50
Intermediate	1.50	1.25	1.50	1.25	1.50
Open	1.60	1.60	1.60	1.60	1.60
Junior / Senior	1.60	1.60	1.60	1.60	1.60
Adult I	1.50	1.25	1.50	1.25	1.50
Adult II	1.50	1.25	1.50	1.25	1.50
Adult III	1.00	0.50	1.00	0.50	1.00

- t) The factored results are rounded to two decimal places and added. The sum is the program component score.
- u) Deductions are applied for each violation as follows:
- i. **In singles and pair:**
    - i. Time violation – 1.0 for every five seconds lacking or in excess
    - ii. Music violation – 1.0 for vocal music
    - iii. Illegal element violation – 2.0 for every illegal element
    - iv. Costume and prop violation – 1.0
    - v. Fall deduction: additional deductions will be taken for each fall in a program according to the following table:

LEVEL	Deduction
Pre-Juvenile/Juvenile/ Pre-Novice/ Novice/ STARSkate/Adult	-0.5 point for every fall (in pair skating -0.5 for a fall of one partner and -1.0 for a fall of both partners)
Junior/Senior	-1.0 point for each fall (in pair skating -1.0 for a fall of one partner and -2.0 for a fall of both partners)

- vi. **Interruption deduction: additional deductions will be taken for an interruption in the program according to the following table:**

LEVEL	Deduction
Pre-Juvenile/Juvenile/ Pre-Novice/ Novice/ STARSkate/Adult	<b>-0.5 point for each 10 seconds interruption to the program (Nov. 5/10)</b> <del>-1.0 deduction will be applied when appropriate in case of a fresh start</del>
Junior/ Senior	<b>-1.0 point for each 10 seconds interruption to the program (Nov. 5/10)</b> <del>-2.0 deduction will be applied when appropriate in case of a fresh start</del>

- ii. **In ice dance:**
  - i. Time violation -1.0 for every five seconds lacking or in excess
  - ii. Music violation – 1.0 for violating music definitions
  - iii. Extra elements -1.0 per violation
  - iv. Illegal element/movement violation -2.0 per violation
  - v. Costume and prop violation -1.0
  - vi. part of the costume/decoration fall on the ice – 1.0
  - vii. Lifts exceeding permitted duration: -1.0 per lift
  - viii. All deductions: additional deductions will be taken for each fall in a program according to the following table:

LEVEL	Deduction
Juvenile/ Pre-Novice/ Novice/ STARSkate/Adult	-0.5 point for a fall of one partner, -1.0 for a fall of both partner
Junior/ Senior	-1.0 point for a fall of one partner, -2.0 for a fall of both partners

- ix. In the pattern dance, if a fall occurs during the introductory and/or concluding steps/movements only the technical panel makes the appropriate deduction. If a fall occurs during the section of dance the technical panel and judges make appropriate deduction. In the free dance, if a stumble or fall causes interruptions to the program that exceed five seconds an additional deduction will be applied as follows:

LEVEL	Deduction
Juvenile/ Pre-Novice/ Novice/ STARSkate/Adult	-0.5 for 6-15 seconds interruption -1.0 for 15-30 seconds interruption
Junior/ Senior	-1.0 for 6-15 seconds interruption -2.0 for 15-30 seconds interruption

- iii. In interpretive skating:
- i. Time violation – 1.0 for every five seconds lacking or in excess
  - ii. Illegal element violation – 2.0 for every illegal element
  - iii. Costume and prop violation – 1.0
  - iv. Fall deduction: additional deductions will be taken for each fall in a program according to the following table:

LEVEL	Deduction
STARSkate/Adult	-0.5 point for every fall (in pair skating -0.5 for a fall of one partner and -1.0 for a fall of both partners)

- v. Interruption deduction: additional deductions will be taken for an interruption in the program according to the following table:

LEVEL	Deduction
STARSkate/Adult	-0.5 point for each 10 seconds interruption to the program <del>-1.0 deduction will be applied when appropriate in case of a fresh start</del> (Nov. 5/10)

- iv. In creative skating skills:
- i. Time violation – 1.0 for every five seconds lacking or in excess
  - ii. Illegal element/movement violation – 2.0 for every illegal element/movement
  - iii. Costume and prop violation – 1.0
  - iv. Fall deduction: additional deductions will be taken for each fall in a program according to the following table:

LEVEL	Deduction
STARSkate	-0.5 point for every fall

- v. Interruption deduction: additional deductions will be taken for an interruption in the program according to the following table:

LEVEL	Deduction
STARSkate	-0.5 point for each 10 seconds interruption to the program <del>-1.0 deduction will be applied when appropriate in case of a fresh start</del> (Nov. 5/10)

**v. In synchronized skating:**

- i. Fall deduction: additional deductions will be taken for each fall in a program according to the following table:

LEVEL	Deduction
Beginner I/Beginner II/Elementary/Juvenile/ Pre-Novice	-0.5 point for every fall
Novice/Intermediate/Open/ Junior/Senior	-1.0 point for every fall

- ii. DED 1 – 0.5 points for each violation  
 iii. DED 2 – 1.0 point for each violation  
 iv. DED 3 – 1.5 points for each violation  
 v. DED 4 – 2.0 points for each violation

A full description of reductions and deductions are outlined in the Skate Canada “Domestic Summary of Calls” released annually.

For interpretation of this rule for all disciplines, a fall is defined as a loss of control by a skater with the result that the majority of his/her own body weight is on the ice supported by any part of the body other than the blades (e.g. hand(s), knee(s), back, buttock(s) or any part of the arm).