

Winter Challenge: In the World of Numbers



28–29
NOVEMBER





Hello!



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Age Groups

Category 1. Simple calculation – without formulas

Category 2. Formula of 5

Category 3. Formula of 10

Category 4. Mixed formulas

Category A. All formulas – multiplication 3D1D, 4D1D, division 3D/1D, 4D/1D, negative numbers 1D

Category B. All formulas – multiplication 3D1D, 4D1D, division 3D/1D, 4D/1D, negative numbers 1–2D

Category C. All formulas – square root 4/5D, fractional numbers, multiplication 2D2D, 3D2D, division 4D/2D

Category Professional. All formulas – percentages 2D+2D%, 2D-2D%, fractional numbers, multiplication 3D3D, 4D2D, division 4D/3D

Categories

- Born in 2020–2021
- Born in 2018–2019
- Born in 2015–2017
- Born in 2012–2014
- Born in 2009–2016

RULES OF THE COMPETITION

- ❑ The Olympiad consists of two stages. During each stage, participants receive tasks according to the syllabus.
- ❑ Participants are given 24 hours to solve the examples for that day. They can solve the examples either on an abacus or mentally.
- ❑ Each task in the Olympiad has a corresponding coefficient depending on its difficulty level. If the answer to an Olympiad task is correct, the points earned are multiplied by the corresponding coefficient.



RULES OF THE COMPETITION

- ❑ For the "Flash Cards" and "Anzan" games, 15 examples are given for each. For the "Columns" and "Multiplication" games, 3 minutes are allocated to solve as many examples as possible within that time.
- ❑ Exercises can be completed on a phone or tablet, but using a computer with Google Chrome is preferred.
- ❑ On the last day, November 29, the process of completing the tasks must be recorded, showing the child's computer screen.

Certificates must be downloaded within 2 days.



Day 1: November 28																							
Mental Arithmetic		2020-2021		2018-2019				2015-2017				2012-2014				2009-2011				2015-2016	2012-2014	2009-2016	2009-2016
		K	K-1	K-2	K-3	K-4	J-1	J-2	J-3	J-4	S-1	S-2	S-3	S-4	T-1	T-2	T-3	T-4	A	B	C	Prof	
		NF	NF	F 5	F 10	Mix	NF	F 5	F 10	Mix	NF	F 5	F 10	Mix	NF	F 5	F 10	Mix	All F	All F	All F	All F	
Flash Cards	1	1D 0.9 second	1D 0.7 second				2D 0.8 second				3D 0.8 second				3D 0.6 second				3D 0.8 second	4D 0.8 second	4D 0.8 second	5D 0.6 second	
Columns	1	1D 4R	1D 5R				2D 5R				2D 6R				2D 7R				2D 7R	2- 3D 7R	3D 5R	Decimal 2-3D 7R	
	2	1D 5R	1-2D 4R				2D 6R				2D 7R				2D 8R				1D-2D 6R	4D 4R	2D 6R Negative numbers	4-3D 6R Negative numbers	
	3	1D 6R	2D 4R				3D 4R				3D 5R				3D 7R				2x1; 2/1	4x1; 4/1	2x2; 4/2	4x2; 5/3	
Flash Anzan	1	1D 4R 1,2 second	1D 4R 1 second				1-2D 4R 1 second				1-2D 5R 1 second				1-2D 8R 1 second				2D 5R 0.9 second	2D 8R 1 second	2D 10R 1 second	3D 8R 0.9 second	
	2	1D 5R 1 second	1D 5R 0,9 second				2D 5R 1 second				2D 6R 21 second				2D 8R 1 second				2-3D 3R 1.2 second	3D 4R 1 second	2-3D 6R 1.5 second	2-3D 6R 1.2 second	
	3	1D 6R 0,9 second	2D 3R 1,5 second				3D 4R 1,5 second				3D 5R 1,5 second				3D 6R 1,5 second				2x1; 2/1	3x1; 3/1	3x2; 4/2	4x3; 6/3	

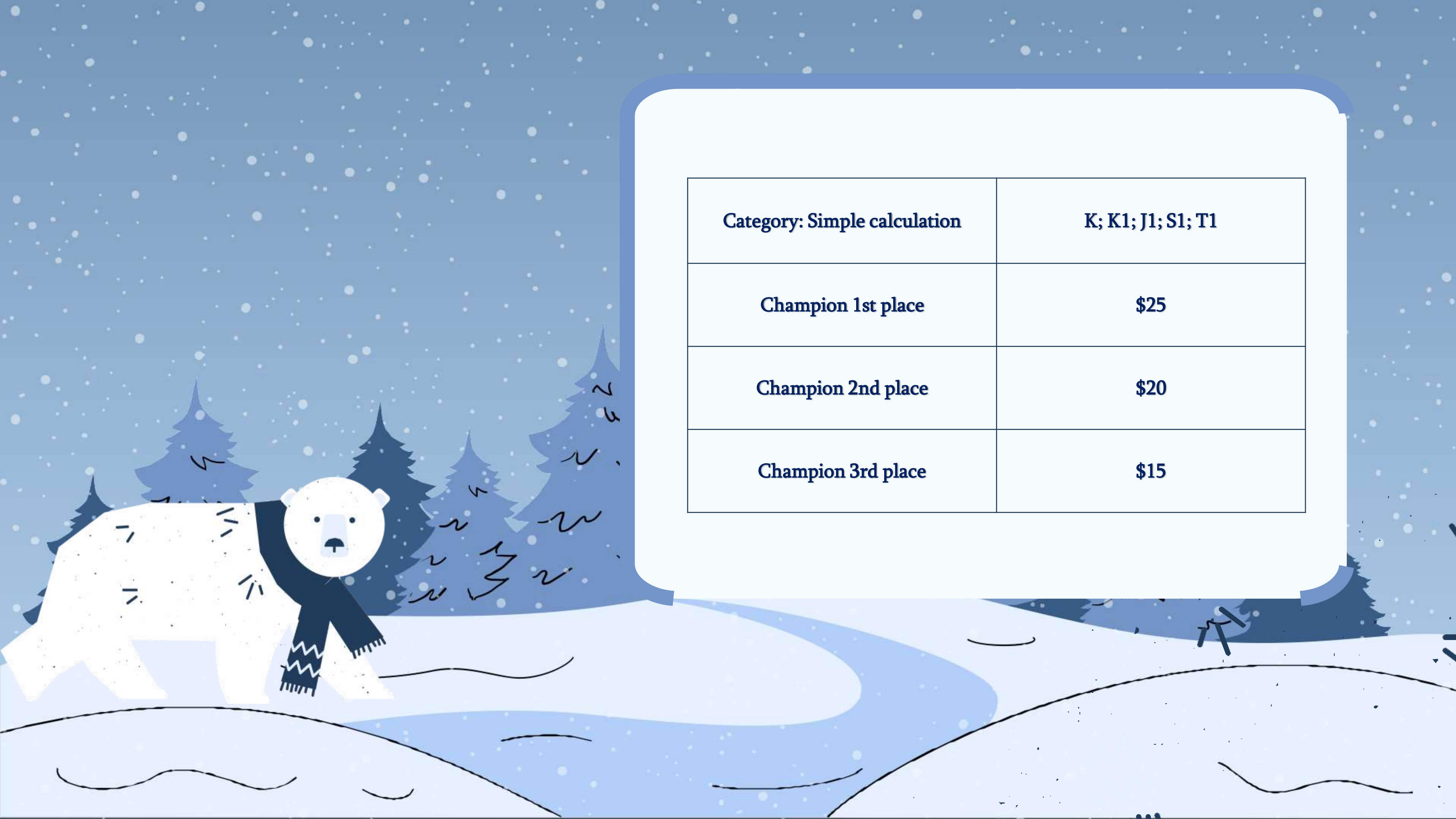
Day 2: November 29																						
Mental Arithmetic		2020-2021	2018-2019				2015-2017				2012-2014				2009-2011				2015-2016	2012-2014	2009-2016	2009-2016
		K	K-1	K-2	K-3	K-4	J-1	J-2	J-3	J-4	S-1	S-2	S-3	S-4	T-1	T-2	T-3	T-4	A	B	C	Prof
		NF	NF	F 5	F 10	Mix	NF	F 5	F 10	Mix	NF	F 5	F 10	Mix	NF	F 5	F 10	Mix	All F	All F	All F	All F
Flash Cards	1	1D 0.6 second	2D 0.8 second				3D 0.8 second				4D 0.8 second				4D 0.6 second				3D 0.6 second	4D 0.5 second	5D 0.6 second	5D 0.4 second
Columns	1	1D 5R	1D 7R				1-2D 6R				1-2D 7R				1-2D 9R				1D 8R Negative numbers	2- 3D 9R	3D 5R	Decimal 2-3D 7R
	2	1D 6R	1-2D 5R				2D 7R				2D 8R				2D 9R				1D-2D 7R	4D 6R	2D 8R Negative numbers	4-3D 8R Negative numbers
	3	1D 7R	2D 5R				3D 5R				3D 6R				3D 9R				3x1; 3/1	2x2; 5/1	2x3; 4/2	4x2; 5/3
Flash Anzan	1	1D 5R 1 second	1-2D 5R 0.8 second				1-2D 5R 0.8 second				1-2D 6R 0.8 second				1-2D 9R 0.8 second				2D 6R 0.8 second	2D 8R 0.9 second	2D 10R 0.8 second	3D 10R 0.8 second
	2	1D 6R 0,9 second	1D 5R 0,7 second				2D 6R 0.8 second				2D 6R 0.8 second				2D 9R 0.8 second				2-3D 4R 1 second	3D 6R 0.9 second	2-3D 8R 1.3 second	2-3D 10R 1 second
	3	1D 7R 0,8 second	2D 4R 1 second				3D 4R 1 second				3D 5R 1 second				3D 7R 1 second				2x1; 2/1	4x1; 4/1	3x3; 4/2	5x3; 6/3



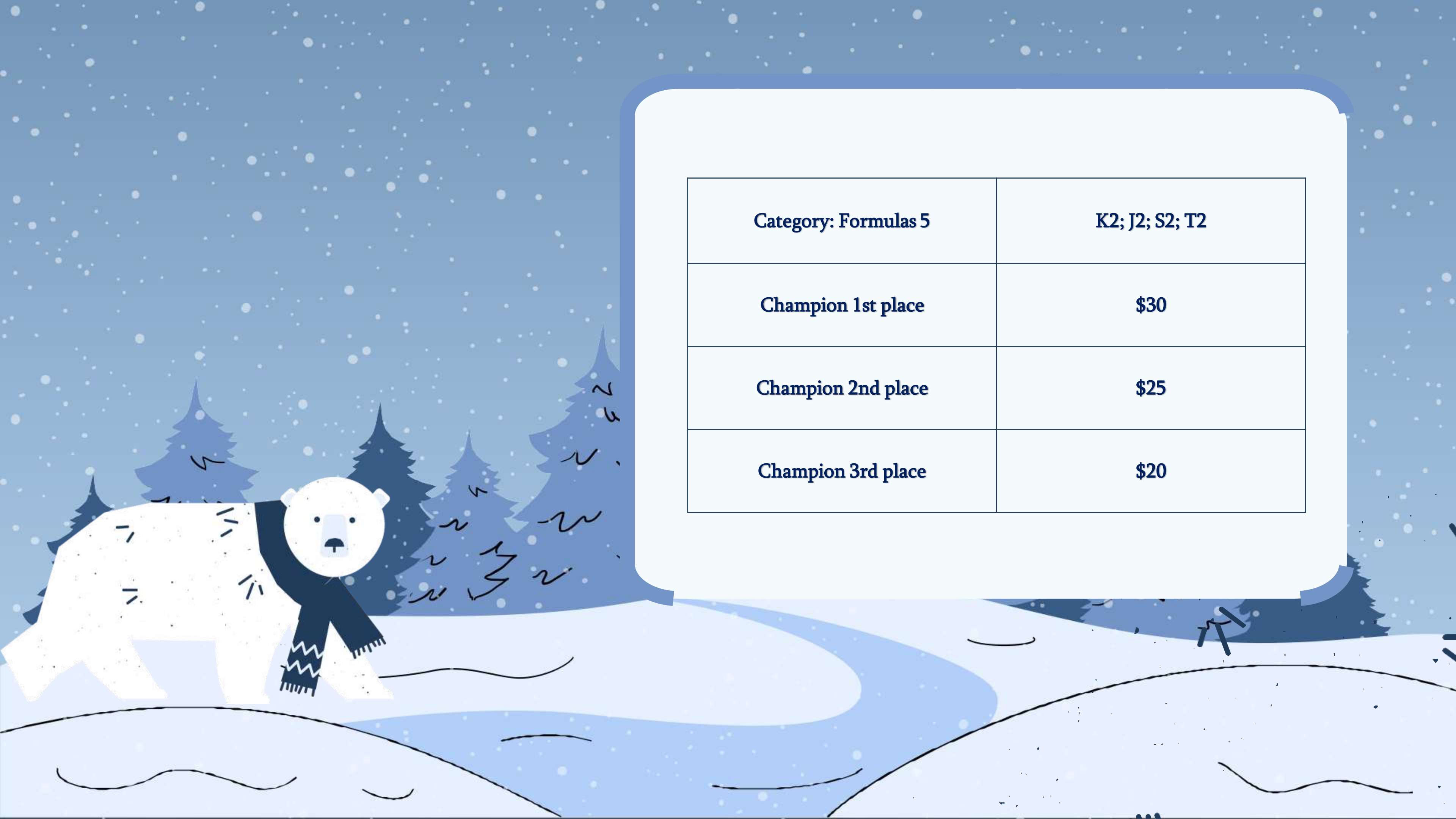
Category	K;K1–K4;J1–J4;S1–S4;T1–T4	A, B, C, D
Super champion		V
Champion 1st degree champion, 2nd degree champion, 3rd degree champion	V	V
Winner 1st degree (after the champions,20% by rating)	V	V
Winner 2nd degree (next 30% by rating)	V	V
Winner 3rd degree (other rating participants)	V	V



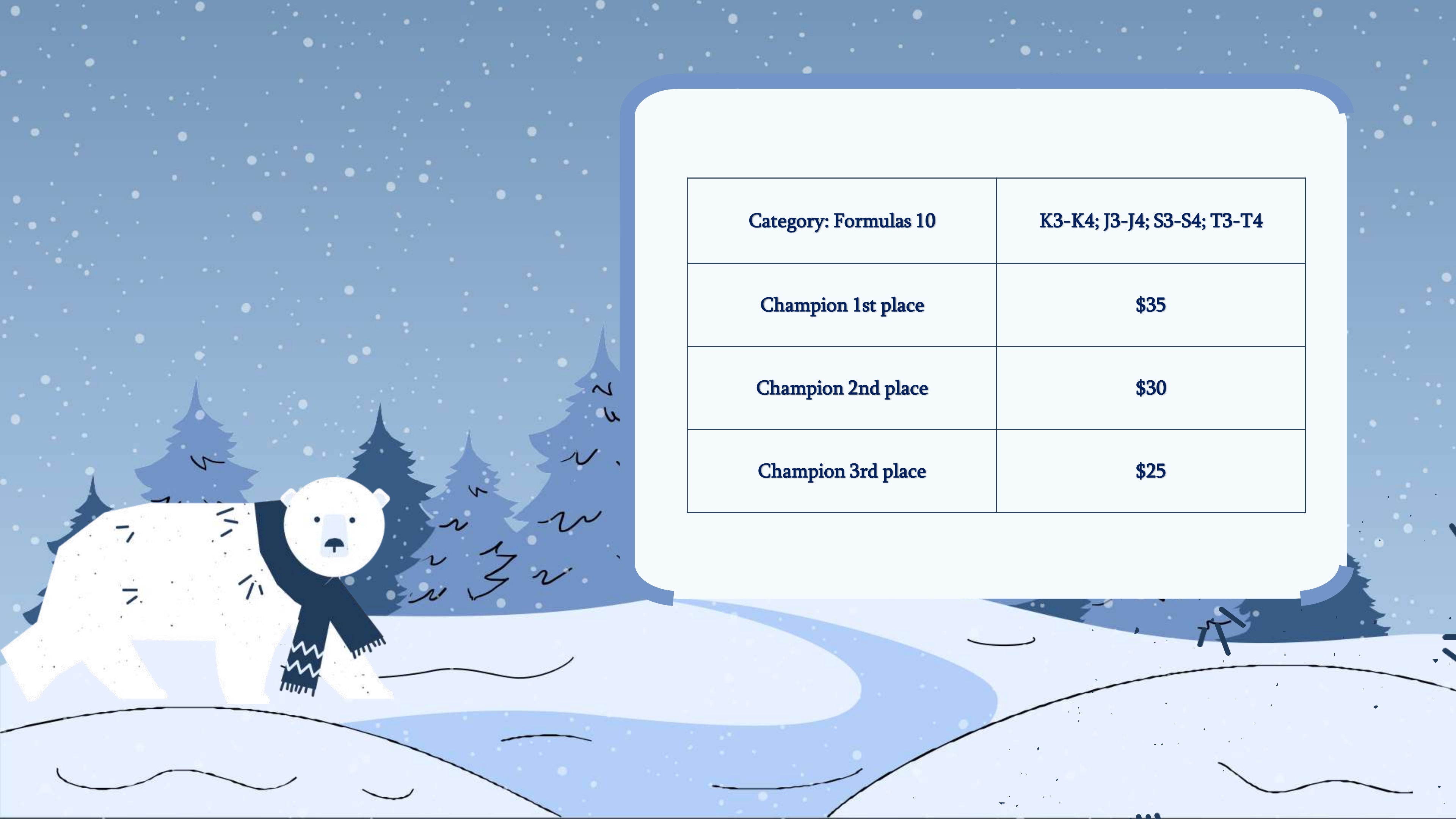
Prize Fund



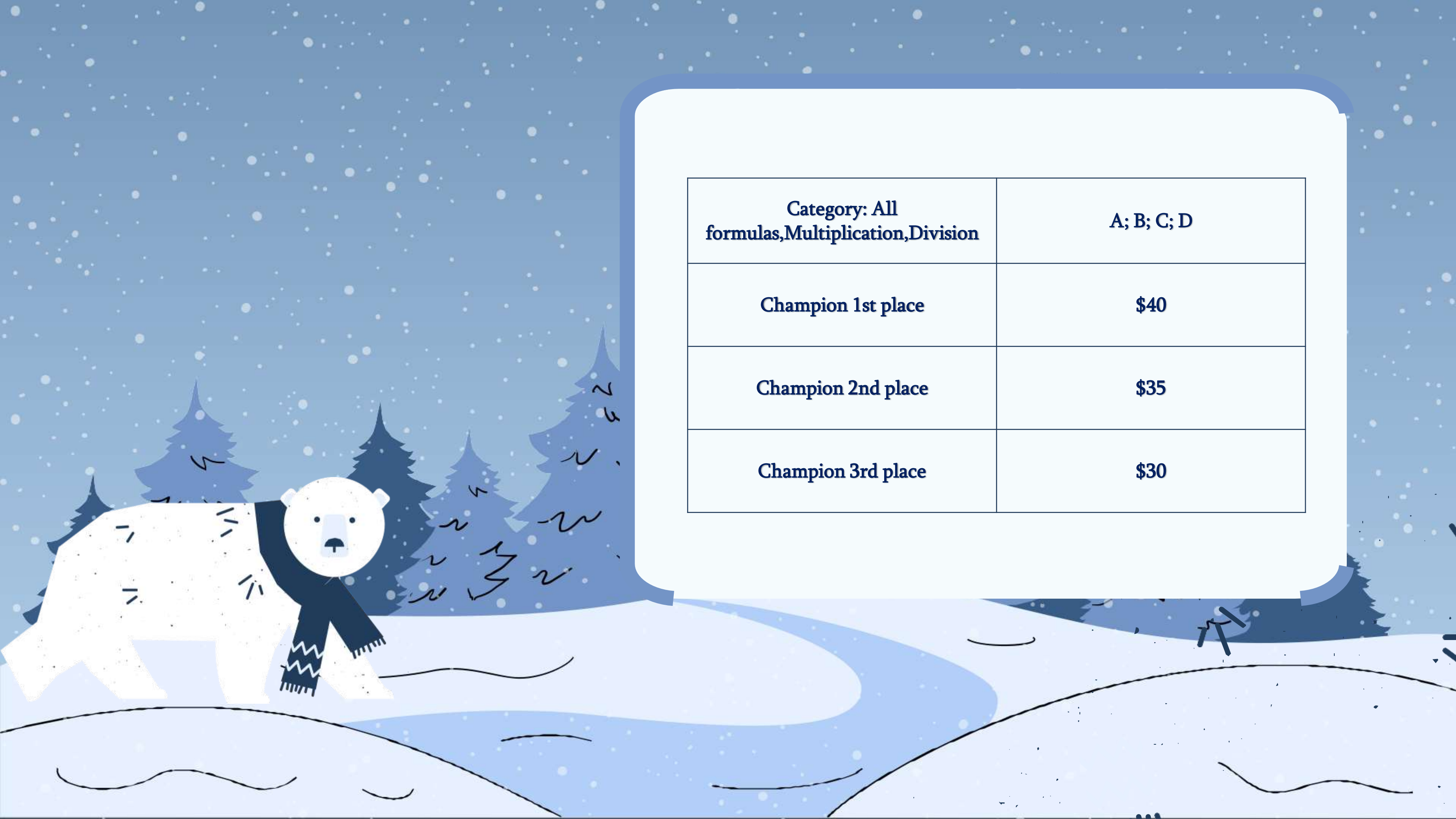
Category: Simple calculation	K; K1; J1; S1; T1
Champion 1st place	\$25
Champion 2nd place	\$20
Champion 3rd place	\$15



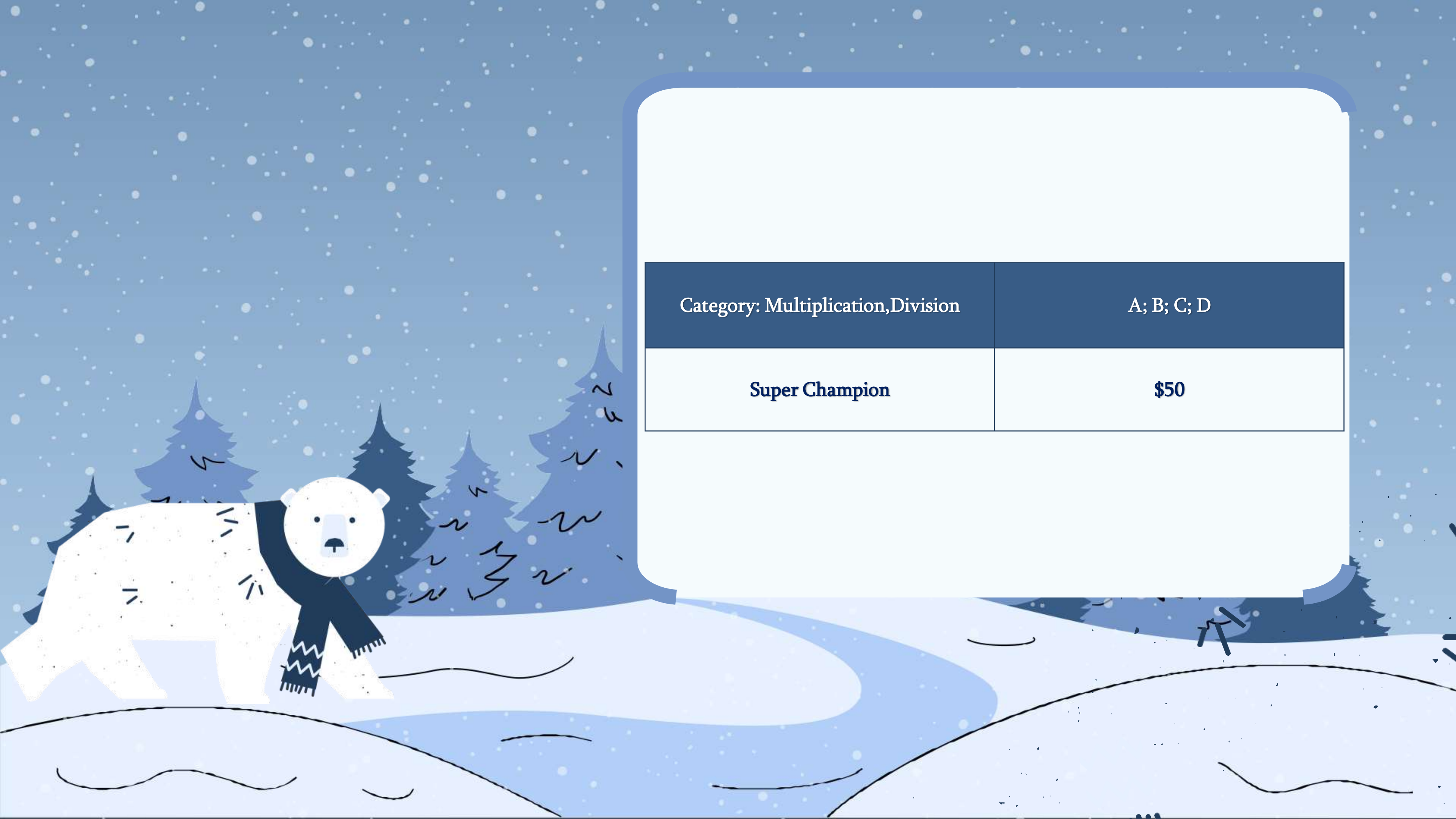
Category: Formulas 5	K2; J2; S2; T2
Champion 1st place	\$30
Champion 2nd place	\$25
Champion 3rd place	\$20



Category: Formulas 10	K3-K4; J3-J4; S3-S4; T3-T4
Champion 1st place	\$35
Champion 2nd place	\$30
Champion 3rd place	\$25



Category: All formulas,Multiplication,Division	A; B; C; D
Champion 1st place	\$40
Champion 2nd place	\$35
Champion 3rd place	\$30

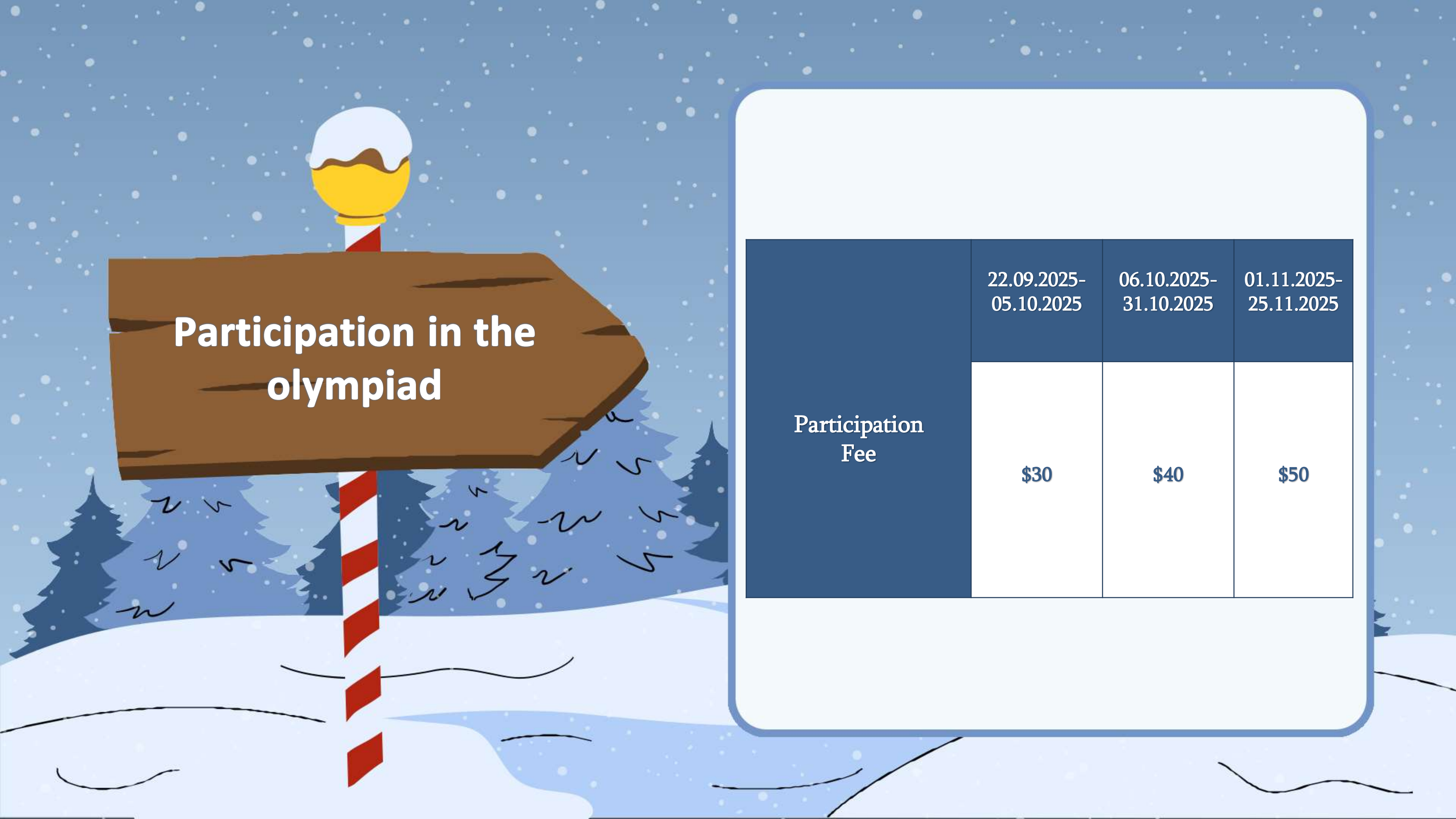


Category: Multiplication,Division

A; B; C; D

Super Champion

\$50



Participation in the olympiad

	22.09.2025- 05.10.2025	06.10.2025- 31.10.2025	01.11.2025- 25.11.2025
Participation Fee	\$30	\$40	\$50



Thank You