



MATHDICE®

SKI PATROL

How To Play

Your Goal:

Ski from the top of the course to the bottom all the while staying *in between* the gates!

How does it work?:

The 3 Scoring Numbers shown must be used in a math expression that results in your Target Number. Your Target Number must fall between the two ski gate numbers.



In this example you will use the numbers 2,3 and 5 to build an equation that results in either a Target of 11 or 12.

The solution here is: $(2 * 3) + 5 = 11$

Once you make it through the first set of gates continue on to the next. Be sure to write down your expressions as you go. When you ski through all 4 sets of gates, **YOU WIN!**

EXAMPLE:

Gate	Equation
#1	$(2 * 3) + 5 = 11$
#2	$(3 + 5) * 2 = 16$
#3	$(3 * 5) + 2 = 17$
#4	$(2 + 5) * 3 = 21$



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ADVANCED: SET A - PUZZLES

Allowed Operators
+ - * / ^

CHALLENGE # 1A

Complete:


Targets **2 3 5** 

16 ○ 21

17 ○ 22

21 ○ 25

22 ○ 27




Dashed arrows show a path from the start to the first gate, then to the second, third, and fourth gates, ending at the 'You Win' star.

Gate	Equation
#1	_____
#2	_____
#3	_____
#4	_____

CHALLENGE # 2A

Complete:


Targets **2 3 6** 

15 ○ 18

16 ○ 20

22 ○ 27

30 ○ 36



Dashed arrows show a path from the start to the first gate, then to the second, third, and fourth gates, ending at the 'You Win' star.

Gate	Equation
#1	_____
#2	_____
#3	_____
#4	_____

Name

Class

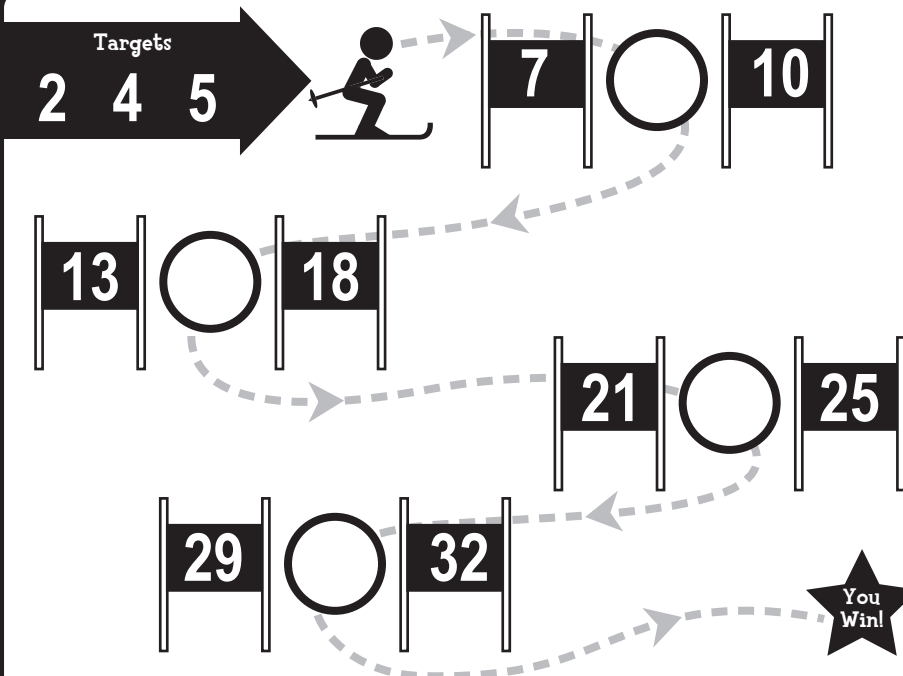


ADVANCED: SET B - PUZZLES

Allowed Operators
+ - * / ^

CHALLENGE # 1B

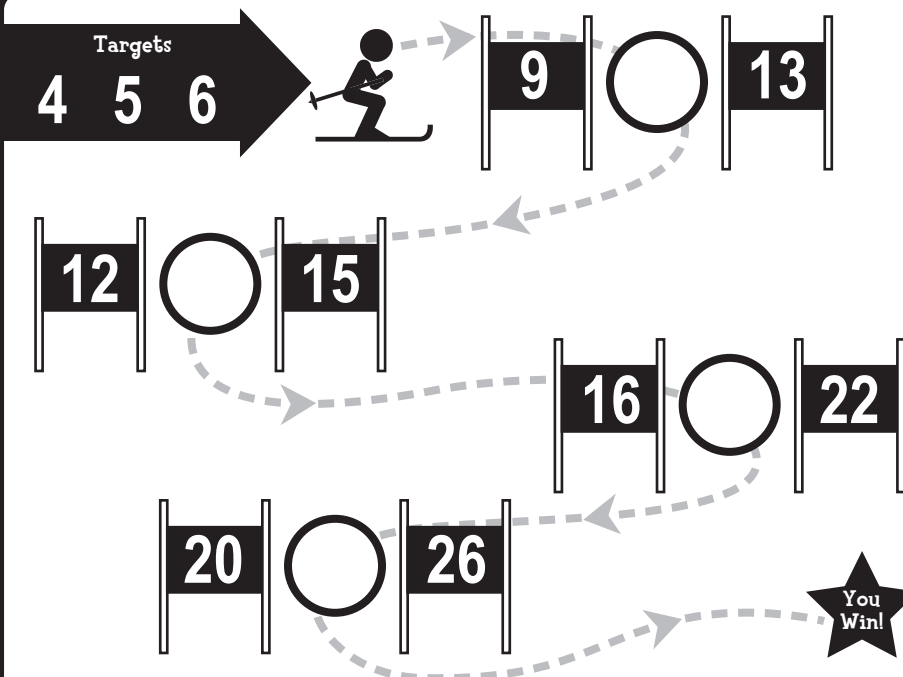
Complete:



Gate	Equation
#1	_____
#2	_____
#3	_____
#4	_____

CHALLENGE # 2B

Complete:



Gate	Equation
#1	_____
#2	_____
#3	_____
#4	_____

Name

Class