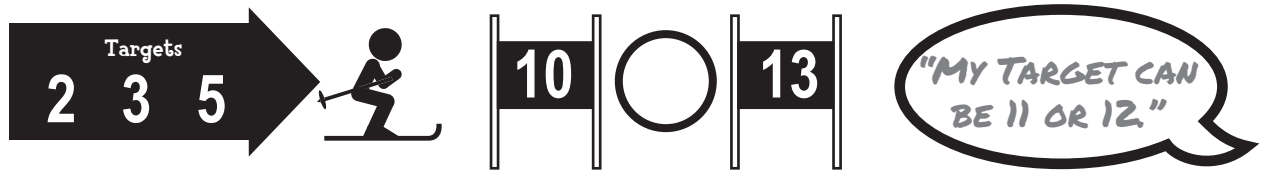# MATHDICE®
SKI PATROL
How To Play

Your Goal:

Ski from the top of the course ot 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.

Targets **2 3 5** | **10** ◯ **13** | *"MY TARGET CAN BE 11 OR 12."*

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:

Targets **2 3 5** | **10** ⑪ **13**

14 ⑯ **17**

16 ⑰ **19**

19 ㉑ **22**

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

You Win!

ThinkFun MATHDICE® SKI PATROL

BASIC: SET A - PUZZLES

CHALLENGE # 1A

Complete: ☐

Targets
2 5 6

15 ◯ 17

19 ◯ 22

20 ◯ 26

26 ◯ 31

You Win!
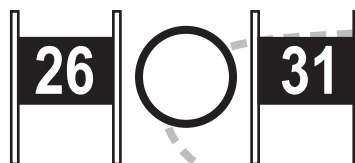
Gate	Equation
#1	
#2	
#3	
#4	

CHALLENGE # 2A

Complete: ☐

Targets
3 4 5

9 ◯ 12

17 ◯ 23

19 ◯ 27

23 ◯ 31

You Win!

Gate	Equation
#1	
#2	
#3	
#4	

Name _____ Class _____

ThinkFun MATH DICE® SKI PATROL
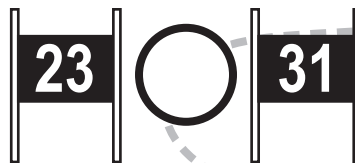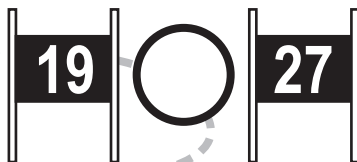
BASIC: SET B - PUZZLES

CHALLENGE # 1B

Complete: ☐

Targets
3 4 6

18 ◯ 22

21 ◯ 27

27 ◯ 36

30 ◯ 42

You Win!

Gate	Equation
#1	
#2	
#3	
#4	

CHALLENGE # 2B

Complete: ☐

Targets
3 5 6

10 ◯ 13

14 ◯ 19

22 ◯ 25

25 ◯ 32

You Win!

Gate	Equation
#1	
#2	
#3	
#4	

Name _____ Class _____