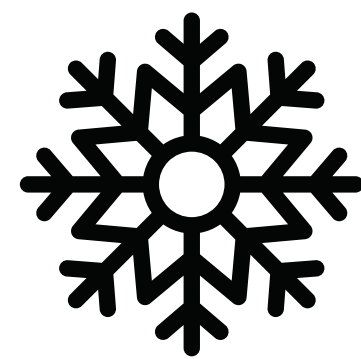


WINTER



ADDITION & SUBTRACTION
WITHIN 20

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Girl} - \text{Boy} = 9$$

$$\text{Hat} - \text{Boy} = 5$$

$$\text{Boy} + \text{Boy} = 14$$

Find the value for each symbol.

$$\text{Cup} - \text{Mitten} = 2$$

$$\text{Cup} + \text{Cup} = 6$$

$$15 - \text{Mitten} = \text{frosty}$$

GRADES
3-4

Ready to

challenge

your students in a new way?

These Logic Puzzles will require your students to use algebraic thinking, providing a whole new element of challenge!



Find the value for each symbol.

$$\text{cup} - \text{mitten} = 2$$
$$\text{cup} + \text{cup} = 6$$

10

$$15 -$$

Find the value for each symbol.

$$\text{girl} - \text{boy} = 9$$
$$\text{hat} - \text{boy} = 5$$

Find the value for each symbol.

$$4 - \text{BRRRR!} = \text{BRRRR!}$$
$$\text{snowman} + \text{BRRRR!} = 9$$
$$\text{snowman} + 8 = \text{snow day}$$

13

Requires critical thinking!

































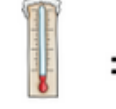



This set includes
20 logic puzzles

that focus on addition and subtraction within 20.







But don't be fooled! These puzzles are trickier than they look!

A recording sheet is included to make student organization simple.



RECORDING SHEET (Add and Subtract Within 20)

1  =  =  =	2  =  =  =	3  =  =  =	4  =
5  =  =  =	6  =  =  =	7  =  =  =	
9  =  =  =	10  =  = frosty =	11  = snowflakes =  =	
13 BRRRR! =  = snow day =	14 snowball fights =  =  =	15 flurries =  = shovel =	
17 snow much fun =  =  =	18  = snow angel =  =	19  = 13 Winter Windies =  =	

Find the value for each symbol.

 -  = 9
 -  = 5
 +  = 14

Find the value for each symbol.

4 - BRRRR! = BRRRR!
 + BRRRR! = 9
 + 8 = snow day

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Ideas for Use



Morning Tubs



Math Centers



Early Finisher Activity



Around the Room Gallery Walk



Small Group Intervention

Tip:

Let your students work in partners and listen to the amazing math conversation that occurs!

Looking for a bigger bundle of puzzles?

Try using differentiated puzzles to provide a "just right" challenge for all your students.

This bundle includes 160 logic puzzles at 8 different levels!

Try letting students choose the set that challenges them perfectly to increase their metacognition and encourage them to take responsibility for their own learning!

WINTER ❄️
LOGIC PROBLEMS

Bundle **160**
PUZZLES

Find the value for each symbol.

$$8 \times \text{medal} = 16$$
$$\text{gloves} \div \text{gloves} = 19$$
$$\text{medal} \times \text{gloves} \times \text{snowman} = 19$$

Find the value for each symbol.

$$\text{elf} + \text{hat} = 740$$
$$220 - \text{hat} = \text{hat}$$
$$320 + \text{elf} = \text{sledder}$$

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Differentiate to all your students with the Winter Logic Puzzle Bundle [HERE](#).