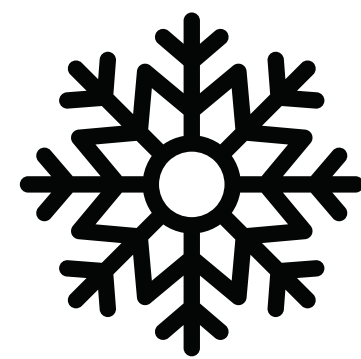


WINTER



DECIMAL NUMBERS
WITHIN 10

LOGIC PROBLEMS

Find the value for each symbol.

$$0.9 - \text{hat} = \text{cup}$$

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

$$\text{cup} + \text{cup} = 1.4$$

8

Find the value for each symbol.

$$\text{pile of snowballs} + \text{snowflake} = 9.8$$

$$2.5 + \text{pile of snowballs} = \text{snowman}$$

$$6.4 - \text{snowflake} = \text{snowflake}$$

GRADES
4-6

SHELLEY GRAY

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.

$$0.9 - \text{hat} = \text{cup}$$
$$\text{person} - \text{hat} = 5$$

8

Find the value for each symbol.

$$\text{pile of snow} + \text{snowflake} = 9.8$$

Find the value for each symbol.

$$2.8 - \text{tree} = \text{tree}$$
$$\text{snowboard} + \text{tree} = \text{tree}$$
$$1.8 + \text{tree} = \text{flurry}$$

16

Requires
critical
thinking!






































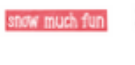









This set includes
20 logic puzzles

that focus on addition and subtraction of decimal numbers within 10.

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

A recording sheet is included to make student organization simple.

RECORDING SHEET (Decimals)

1  =  =  =	2  =  =  =	3  =	4  =
5  =  =  =	6  =  =  =	7  =  =  =	
9  =  =  =	10  =  =  =	11  =  =  =	12  =  =
13  =  =  =	14  =  =  =	15  =  =  =	
17  =  =  =	18  =  =  =	19  =  =  =	16  =

Find the value for each symbol.

$$\text{pile of snowballs} + \text{snowflake} = 9.8$$

$$2.5 + \text{pile of snowballs} = \text{snowman}$$

$$6.4 - \text{snowflake} = \text{snowflake}$$

Find the value for each symbol.

$$2.8 - \text{tree} = \text{tree}$$

$$\text{snowboard} + \text{tree} = 2.$$

$$1.8 + \text{tree} = \text{flurrie}$$

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.

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

SHELLEY GRAY 19 © Shelley Gray

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