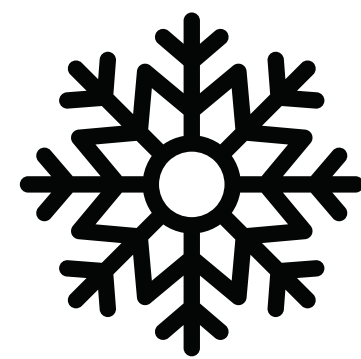


WINTER



MULTIPLICATION & DIVISION
WITHIN 100

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Child on sled} \times \text{Child on sled} = 9$$

$$\text{Child with sled} \div \text{Child on sled} = 4$$

$$\text{Boot} \times \text{Child with sled} = 24$$

Find the value for each symbol.

$$\text{Hockey stick} \times \text{Hockey stick} \times \text{Hockey stick} = \text{Hat}$$

$$\text{Hockey puck} \times \text{Hat} = 32$$

$$64 \div \text{Hat} = \text{Hat}$$

GRADES
4-6

1

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.

$$\begin{array}{c} \text{Child on sled} \times \text{Child on sled} = 9 \\ \text{Child with sled} \div \text{Child on sled} = 4 \end{array}$$

1

Find the value for each symbol.

$$\text{Hockey stick} \times \text{Hockey stick} \times \text{Hockey stick} = \text{Hat}$$

Find the value for each symbol.

$$\begin{array}{c} 8 \times \text{Medal} = 1 \\ \text{Mitten} \div \text{Mitten} = \\ \text{Medal} \times \text{Mitten} \times \text{Snowman} = \end{array}$$

19

Requires critical thinking!







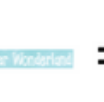





























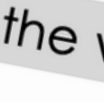


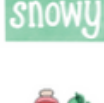




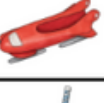





















This set includes
20 logic puzzles

that focus on multiplication and
 division within 100.

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

A recording sheet is included to
 make student organization simple.

RECORDING SHEET (Multiplication and Division)

1  =  =  =	2  =  =  =	3  =  =  =	4  =  =  =
5  =  =  =	6  =  =  =	7  =  =  =	8  ×  = 9  ÷  = 4  ×  = 24
9  =  =  =	10  =  =  =	11  =  =  =	12  =  =  =
13  =  =  =	14  =  =  =	15  =  =  =	16  ÷  =   ×  ×  = 18
17  =  =  =	18  =  =  =	19  =  =  =	20  =  =  =

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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.

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

SHELLEY GRAY 19 © Shelley Gray

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