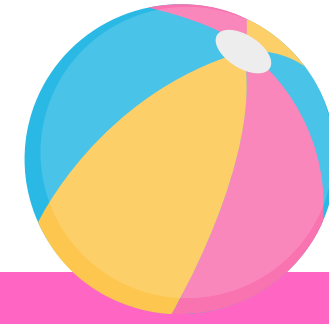


SUMMER

ADDITION, SUBTRACTION
& MULTIPLICATION
WITHIN 100



LOGIC PROBLEMS

Find the value for each symbol.

$$42 + \text{3 blueberries} - \text{1 raspberry} = \text{1 basket}$$
$$\text{1 raspberry} \times \text{1 raspberry} = \text{1 raspberry}$$
$$\text{3 blueberries} + \text{1 raspberry} = 2$$

12

Find the value for each symbol.

$$\text{1 ketchup} - \text{1 kebab} + \text{1 mustard} = 3$$
$$\text{1 mustard} \times \text{1 mustard} = 9$$
$$\text{1 ketchup} + \text{1 mustard} = 90$$

4

Find the value for each symbol.

$$4 - \text{1 lemonade} = \text{1 lemonade}$$
$$\text{1 orange slice} + \text{1 orange slice} + \text{1 lemonade} = \text{1 lemonade stand}$$
$$\text{1 orange slice} \times \text{1 lemonade} = \text{1 lemonade stand}$$

15

GRADES
4-6

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.

$$6 \times \text{strawberry} = \text{sun}$$
$$\text{strawberry} \times \text{watermelon} = 56$$
$$\text{watermelon} + \text{watermelon} + \text{watermelon} = 20$$

Find the value for each symbol.

$$4 - \text{lemonade} = \text{lemonade}$$
$$\text{lemon} + \text{lemon} + \text{lemonade} = \text{lemonade stand}$$
$$\text{lemon} \times \text{lemonade} = 18$$

Find the value for each symbol.

$$\text{Ketchup} - \text{skewer} + \text{McDonald's} = 30$$
$$\text{McDonald's} \times \text{McDonald's} = 90$$
$$\text{Ketchup} + \text{McDonald's} = 90$$






































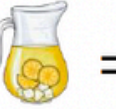












Requires critical thinking!

This set includes
20 logic puzzles
 that focus on addition,
 subtraction, and multiplication
 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 (Add, Subtract, Multiply Within 100)

1	2	3	4
Find the value for each symbol. $6 \times \text{strawberry} = \text{sun}$ $\text{strawberry} \times \text{watermelon} = 56$ $\text{watermelon} + \text{watermelon} = 24$	 =  =  =	 =  =  =	 =  =  =
2	6	7	8
Find the value for each symbol.  -  +  = 30  \times  = 9  +  = 90	 =  =  =  = BBQ =	 =  =  =	 =  =  =
4	10	15	16
 =  =  =	 =  =  =	 =  =  =	 =  =  =
17	18	19	20
 =  =  =	 =  =  =	 =  =  =	 =  =  =

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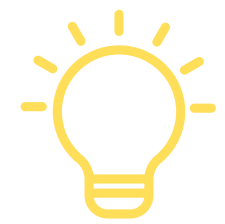
Ideas for Use



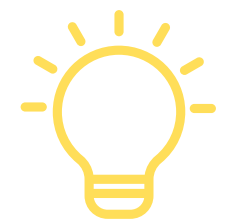
Morning Tubs



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!

Find the value for each symbol.

$$\text{Ketchup} - \text{Skewer} + \text{Mustard} = 30$$

$$\text{Mustard} \times \text{Mustard} = 9$$

$$\text{Ketchup} + \text{Mustard} = 90$$

4

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Along with the printable version, this resource also includes a Google Slides version – perfect for projecting in your classroom.


Use it as a math warm-up, daily challenge, or thinking task to promote deep and critical thinking.

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!

SUMMER 
LOGIC PROBLEMS
Bundle **160**
PUZZLES

Find the value for each symbol.

 +  = 30	<p>Find the value for each symbol.</p> <p>6 ×  = </p> <p> ×  = 56</p>
22 -  = 	
 +  +  = 60	

12

SHELLEY GRAY  +  +  = 24

20

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