

SUMMER

ADDITION &
SUBTRACTION
WITHIN 100

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{burger} + \text{burger} = 40$$
$$\text{burger} - \text{grill} = 7$$
$$4 + \text{grill} + \text{grill} = \text{bbq sauce}$$

Find the value for each

$$\text{watermelon} + \text{apple} = 22$$
$$22 - \text{apple} = 16$$
$$\text{strawberry} + \text{watermelon} = 60$$

Find the value for each symbol.

$$\text{grapes} + \text{cherry} = 70$$
$$\text{cherry} + \text{cherry} + \text{cherry} = 18$$
$$\text{orange juice} - \text{cherry} = 90$$

GRADES
3-5

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.

$$\text{burger} + \text{burger} = 40$$
$$\text{burger} - \text{grill} = 7$$
$$4 + \text{grill} = 1$$

Find the value for each symbol.

$$\text{grapes} + \text{cherry} = 70$$
$$\text{cherry} + \text{cherry} + \text{cherry} = 18$$
$$\text{lemonade} + \text{cherry} = 90$$

Find the value for each symbol.

$$\text{watermelon} + \text{apple} = 30$$
$$22 - \text{apple} = \text{apple}$$
$$\text{strawberries} + \text{watermelon} = 60$$

Requires
critical
thinking!

This set includes
20 logic puzzles

that focus on addition and subtraction within 100.

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

A recording sheet is included to make student organization simple.

Find the value for each symbol.












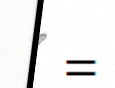


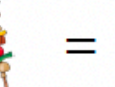







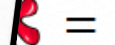



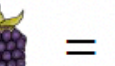

















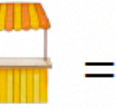
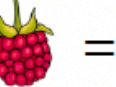










$$\begin{matrix} \text{Orange slice} + \text{Apple} - \text{Pear} & = & 34 \\ \text{Pear} + \text{Pear} & = & 98 \\ \text{Apple} + \text{Pear} & = & 50 \end{matrix}$$

© Shelley Gray

Find the value for each symbol.

$$\begin{matrix} \text{Grape} + \text{Cherry} & = & 70 \\ \text{Cherry} + \text{Cherry} + \text{Cherry} & = & 18 \\ \text{Glass of juice} - \text{Cherry} & = & 90 \end{matrix}$$

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RECORDING SHEET (Add and Subtract Within 100)			
1  =	2  =  =  =	3  =  =  =	4  =  =  =
5  =  =  =	6  =  =  =	7  =  =  =	8  =  =  =
9  =  =  =	10  =  =  =	11  =  =  =	12  =  =  =
13  =  =	14  =  =	15  =  =  =	16  =  =  =
17  =  =  =	18  =  =  =	19  =  =  =	20  =  =  =

Ideas for Use



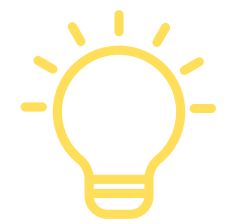
Morning Tubs



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.

$$\text{burger} + \text{burger} = 40$$
$$\text{burger} - \text{grill} = 7$$
$$4 + \text{grill} + \text{grill} = \text{bbq sauce}$$

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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	Find the value for each symbol.	6 ×  = 
22 -  = 		 ×  = 56
 +  +  = 60		 +  +  = 24

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