

SUMMER

DECIMAL NUMBERS
WITHIN 10

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{ant} + \text{watermelon} = 6.4$$

$$\text{watermelon} - \text{sun} = 4.$$

$$6.8 - \text{sun} = \text{sun}$$

3

Find the value for each symbol.

$$\text{beetle} + \text{fly} = 9$$

$$\text{fly} - \text{bee} = 6$$

$$\text{bee} + \text{bee} = 3.6$$

Find the value for each symbol.

$$\text{flip flop} + \text{juice} = 8.5$$

$$\text{juice} + \text{crab} = 5$$

$$8.2 - \text{crab} = \text{crab}$$

17

GRADES
4-6

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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.

$$\text{Sandcastle} + \text{Sandcastle} = 4.8$$
$$\text{Palm tree} - \text{Sandcastle} = 0.3$$
$$\text{Ice cream} - \text{Palm tree} = 2.0$$

20

Find the value for each symbol.

$$\text{Flip flop} + \text{Cocktail} = 8.5$$
$$\text{Cocktail} + \text{Crab} = 5.9$$
$$8.2 - \text{Crab} = \text{Crab}$$

Find the value for each symbol.

$$\text{Green beetle} + \text{Blue fly} = 9$$
$$\text{Blue fly} - \text{Yellow bee} = 6.4$$
$$\text{Yellow bee} + \text{Yellow bee} = 3.6$$

7

Requires critical thinking!


























































This set includes
20 logic puzzles

that focus on 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  +  = 4.8  -  = 0.3  = 2.3	6  =  =	7  =  =  =	8  =  =  =
9  +  = 9  -  = 6.4  +  = 3.6	10  =  =	11  =  =  =	12  =  =  =
13  =	14  =	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!

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](#).