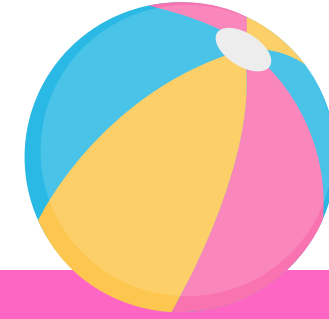


# SUMMER

ADDITION & SUBTRACTION  
WITHIN 10



# LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Guitar} - \text{Canoe} = 2$$

$$\text{Guitar} - \text{Campfire} = 4$$

$$\text{Campfire} + \text{Campfire} = 6$$

3

Find the value for each symbol.

$$\text{Water Drops} + \text{SPF 20} = 7$$

$$6 - \text{Water Drops} = \text{Water Drops}$$

$$\text{SPF 20} + 5 = \text{Goggles}$$

14

Find the value for each symbol.

$$\text{Small Leaf} + \text{Large Leaf} = 10$$

$$\text{Yellow Leaf} + \text{Yellow Leaf} = 4$$

$$\text{Large Leaf} - \text{Yellow Leaf} = 1$$

GRADE

2

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.

$$\text{Guitar} - \text{Canoe} = 2$$
$$\text{Guitar} - \text{Campfire} = 4$$

3

Find the value for each symbol.

$$\text{Leaf 1} + \text{Leaf 2} = 10$$
$$\text{Leaf 3} + \text{Leaf 4} = 4$$
$$\text{Leaf 5} - \text{Leaf 6} = 1$$

Find the value for each symbol.

$$\text{Water} + \text{Sun} = 6$$
$$6 - \text{Water} = \text{Water}$$
$$\text{Sun} + 5 = \text{Shorts}$$

14

Requires critical thinking!






















































This set includes  
**20 logic puzzles**

that focus on addition and subtraction 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** (Add and Subtract Within 10)

1  =	2  =	3  =	4  =
 =	 =	 =	 =
 =	 =	 =	
 =	7  =	8  =	
 =	 =	 =	
 =	 =	 =	
3  +  = 7	11  =	12  =	
6 -  = 	 =	 =	
 + 5 = 	 =	 =	
14  +  = 	15  =	16  =	
 =	 =	 =	 =
17  =	18  =	19  =	20  =
 =	 =	 =	 =
 =	 =	 =	 =

© Shelley Gray

# Ideas for Use



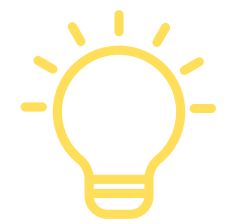
**Morning Tubs**



**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.

$$\text{Guitar} - \text{Banana} = 2$$

$$\text{Guitar} - \text{Campfire} = 4$$

$$\text{Campfire} + \text{Campfire} = 6$$

3

© Shelley Gray

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.	$6 \times \text{strawberry} = \text{sun}$
$22 - \text{apple} = \text{apple}$		$\text{strawberry} \times \text{watermelon slice} = 56$
$\text{strawberry} + \text{strawberry} + \text{watermelon slice} = 60$	12	$\text{watermelon slice} + \text{watermelon slice} + \text{watermelon slice} = 24$

**SHELLEY GRAY** © Shelley Gray

A yellow arrow points from the bottom right of the graphic to the blue call-to-action box.

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