

SUMMER

ADDITION
WITHIN 20

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{S'more} + \text{S'more} = 6$$

$$\text{Flashlight} + \text{S'more} = 13$$

$$\text{nature walk} + \text{Flashlight} = 15$$

12

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Find the value for each symbol.

$$\text{canoe} + \text{canoe} = 10$$

$$\text{canoe} + 2 = \text{sun}$$

$$\text{campfire} + \text{summer CAMP} =$$

Find the value for each sym

$$\text{backpack} + \text{goggles} = 14$$

$$\text{goggles} + 2 = \text{lake } 14$$

$$\text{goggles} + \text{goggles} = 20$$

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.

$$\text{roughin' it} + \text{starfish} = 19$$
$$\text{sunscreen} + \text{sunscreen} = 8$$

12 +  = 19

Find the value for each symbol.

$$\text{sandwich} + \text{sandwich} = 6$$
$$\text{megaphone} + \text{sandwich} = 13$$

 +  = 15

Find the value for each symbol.

$$\text{backpack} + \text{sunglasses} = 14$$
$$\text{sunglasses} + 2 = \text{lake}$$
$$\text{sunglasses} + \text{sunglasses} = 20$$

3

Requires critical thinking!

This set includes
20 logic puzzles
 that focus on addition
 within 20.

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.

$$\begin{matrix} \text{s'mores} & = & \\ \text{shovel} & = & \end{matrix}$$

$$\begin{matrix} \text{s'mores} + \text{s'mores} & = & 6 \\ \text{shovel} + \text{s'mores} & = & 13 \\ \text{shovel} & = & 15 \end{matrix}$$

Find the value for each symbol.

$$\begin{matrix} \text{camper} + \text{goggles} & = & 14 \\ \text{goggles} + 2 & = & \text{lake} \\ \text{goggles} + \text{goggles} & = & 20 \end{matrix}$$

RECORDING SHEET (Add Within 20)			
1 s'mores = shovel =	2 shell = mud = star =	3 camper = lake = goggles =	4 great outdoors = goggles = sunscreen =
5 guitar = beer = adventure =	6 map = leaf = camper =	7 camping = leaf = leaf =	8 camping = leaf = leaf =
9 tree = cabin =	10 fire = fire =	11 tent = songs = sign =	12 s'mores = shovel = nature walk =
13 shovel = hat = hike =	14 hat = moon = happy camper =	15 happy camper = fresh air = roasting marshmallows =	16 campfire = lantern = camp =
17 shovel = hat = hike =	18 hat = moon = happy camper =	19 star = sunscreen = roughin' it =	20 marshmallow = sun = tent =

Ideas for Use



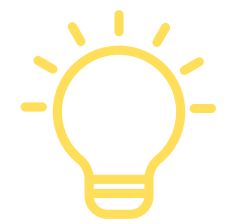
Morning Tubs



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.

$$\text{🍪} + \text{🍪} = 6$$

$$\text{🔦} + \text{🍪} = 13$$

$$\text{nature walk} + \text{🔦} = 15$$

12

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

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

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