

# SPRING

ADDITION &  
SUBTRACTION  
WITHIN 20

# LOGIC PROBLEMS

Find the value for each symbol.

$$\text{flower} + \text{flower} = 18$$

$$\text{glove} - \text{flower} =$$

$$\text{flower} + 2 = \text{flower}$$

Find the value for each symbol.

$$2 - \text{drops} =$$

$$6 + \text{drops} = 9$$

$$\text{seedling} + \text{seeds} = 12$$

Find the value for each symbol.

$$\text{grass} + \text{grass} = 14$$

$$\text{grass} - 2 =$$

$$\text{sign} + \text{brush} =$$

GRADES  
3-4

5

9

SHELLEY GRAY

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.

$$\text{Yellow flower} + \text{Yellow flower} = 10$$

$$\text{Green glove} - \text{Yellow flower} = 6$$

$$\text{Purple flower} + \text{Yellow flower} = 5$$

Requires critical thinking!

Find the value for each symbol.

$$\text{Grass} + \text{Grass} = 14$$

$$\text{Grass} - 2 = \text{Broom}$$



1

8

Find the value for each symbol.

$$2 - \text{Water drops} = \text{Water drops}$$

$$6 + \text{Water drops} = \text{SEEDS}$$



This set includes  
**20 logic puzzles**

that focus on addition and subtraction 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.

$$\text{Grass} + \text{Grass} = 14$$

$$\text{Grass} - 2 = \text{Rake}$$





























Find the value for each symbol.

$$2 - \text{Water Drops} = \text{Water Drops}$$

$$6 + \text{Water Drops} = \text{Seeds}$$

$$\text{Seedling} + \text{Seeds} = 12$$

**RECORDING SHEET** (Add and Subtract Within 20)

3	 =	4	 =
	 =		 =
	 =		 =
7	 =	8	 =
	 =		 =
	 =		 =
9	 =	10	 =
	 =		 =
	 =		 =
13	 =	14	 =
	 =		 =
	 =		 =
17	 =	18	 =
		19	 =
		20	 =

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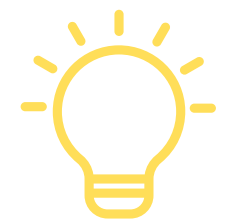
# Ideas for Use



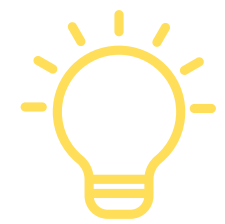
**Morning Tubs**



**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!

The graphic features the title "SPRING LOGIC PROBLEMS" in a blue and red banner. Below it, "Bundle 160 PUZZLES" is written in a mix of cursive and bold fonts. Two sample puzzle cards are shown. The first card, labeled "2", has the instruction "Find the value for each symbol." and three equations: a yellow flower + a purple flower = 720, a purple flower + a purple flower + a purple flower = 140, and a yellow flower + 140 = 2. The second card, labeled "1", has the instruction "Find the value" and three equations: 3.8 - a green leaf = a green leaf, a ladybug + a green leaf = 4.4, and a green grass blade - a ladybug = 6.6. The author's name "SHELLEY GRAY" is at the bottom of each card.

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