

# SPRING

ADDITION  
WITHIN 20

# LOGIC PROBLEMS

Find the value for each symbol.

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

$$\text{Bird} + \text{Birdhouse} =$$

$$\text{Bee} + \text{Bird} =$$

1

Find the value for each symbol.

$$\text{Seedling} + \text{Cloud} = 17$$

$$\text{Snail} + \text{Seedling} = 16$$

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

Find the value for each symbol.

$$\text{Potted Plant} + \text{Potted Plant} = 20$$

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

$$\text{Fork} + \text{Hat} =$$

15

GRADE  
2

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.

$$\text{Potted Plant} + \text{Potted Plant} = 20$$
$$\text{Hat} + 2 = \text{Potted Plant}$$
$$\text{Fork} + \text{Hat} = 11$$

15

Find the value for each symbol.

$$\text{Seedling} + \text{Cloud} = 17$$
$$\text{Snail} + \text{Seedling} = 16$$
$$\text{Seedling} + \text{Seedling} = 6$$

9

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RECORDING	
1  =	2  =
 =	 =
7  =	8  =
 =	 =
 =	 =
 =	 =
 =	 =
 =	 =
13  =	14  =
 =	 =
 =	 =
17  =	18  =
 =	19  =
 =	20  =

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.

$$\begin{array}{c} \text{birdhouse} + \text{birdhouse} = 10 \\ \text{bird} + \text{birdhouse} = 12 \\ \text{bee} + \end{array}$$

1

Find the value for each symbol.

$$\begin{array}{c} \text{potted plant} + \text{potted plant} = 20 \\ \text{hat} + 2 = \text{potted plant} \end{array}$$

11

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Find the value for each symbol.

$$\begin{array}{c} \text{seedling} + \text{cloud} = 17 \\ \text{snail} + \text{seedling} = 16 \\ \text{seedling} + \text{seedling} = 6 \end{array}$$

9

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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!



Find the value for each symbol.

11	+		=	
	+		=	12
	+		=	20

17

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Along with the printable version, this resource also includes a Google Slides version – perfect for projecting in your classroom.

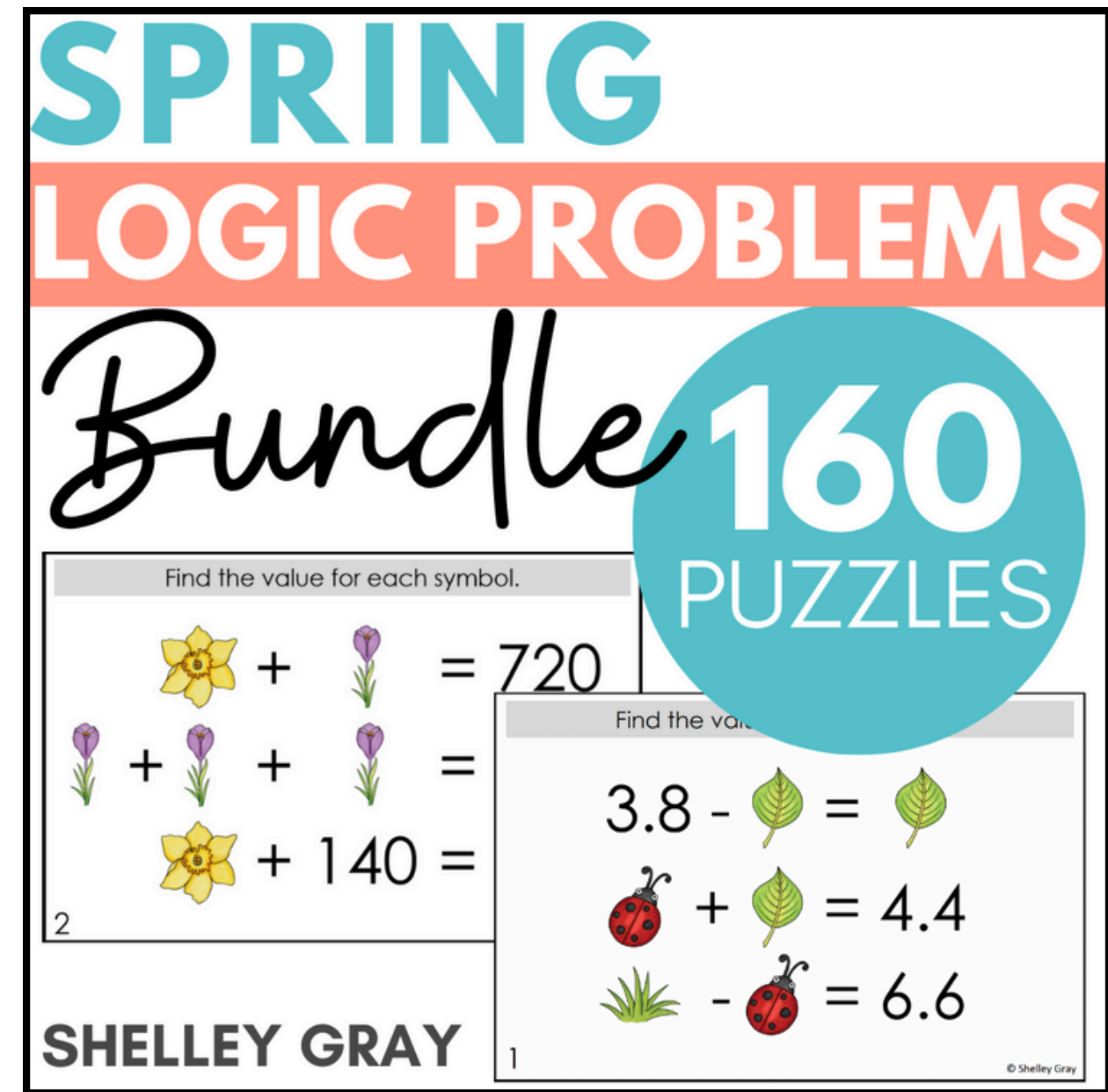
Use it as a math warm-up, daily challenge, or thinking task to promote deep and critical thinking.

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!



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