

SPRING

ADD, SUBTRACT &
MULTIPLY
WITHIN 100

LOGIC PROBLEMS

Find the value for each symbol.

$$\begin{array}{l} \text{Rain boot} \times 8 = \text{Umbrella} \\ \text{Umbrella} + \text{Umbrella} + \text{Rain boot} = 9 \\ 10 - \text{Rain boot} = \text{Rain boot} \end{array}$$

3

Find the value for each

$$\begin{array}{l} \text{Raindrops} + \text{Raindrops} = 9 \\ \text{Seedling} \times \text{Raindrops} = 18 \\ \text{Seedling} + \text{Raindrops} + 9 = \text{Rain boot} \end{array}$$

Find the value for each symbol.

$$\begin{array}{l} \text{Daffodil} \times 5 = \text{Daffodil} \\ \text{Daffodil} + \text{Bee} - \text{Daffodil} = 8 \\ \text{Daffodil} + \text{Daffodil} = 18 \end{array}$$

18

GRADES
4-6



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.

 $\times 8 =$ 



 $+$  $+$  $=$ 



3




Find the value for each symbol.

 \times  $+$  $-$  $= 85$

Find the value for each symbol.

 $+$  $= 26$

 \times  $= 39$

 $+$  $+$ $9 =$ 

0

Requires
critical
thinking!



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This set includes
20 logic puzzles
that focus on addition,
subtraction, and multiplication
within 100.


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.



 $\times 5 =$ 



 $+$  $-$  $= 85$

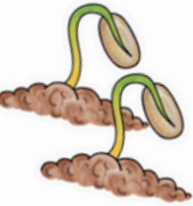


 $= 30$

18

Find the value for each symbol.

 $+$  $= 26$


















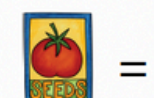

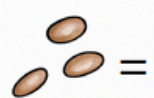


















 \times  $= 39$

 $+$  $+ 9 =$ 

1

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RECORDING SHEET (Add, Subtract, Multiply Within 100)

 $=$	3  $=$	4  $=$
 $=$	 $=$	 $=$
	 $=$	 $=$
	 $=$	8  $=$
	 $=$	 $=$
	 $=$	 $=$
	11  $=$	12  $=$
	 $=$	 $=$
	 $=$	 $=$
	13  $=$	14  $=$
	 $=$	 $=$
	 $=$	 $=$
17  $=$	18  $=$	15  $=$
 $=$	 $=$	 $=$
		 $=$
		16  $=$
		 $=$
		 $=$
		20  $=$
		 $=$

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.

$$\begin{array}{rclcl} & \text{purple flower} & \times 5 & = & \text{yellow flower} \\ \text{yellow flower} & + & \text{bee} & - & \text{purple flower} = 85 \\ & \text{purple flower} & + & \text{purple flower} & = 30 \end{array}$$

18

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

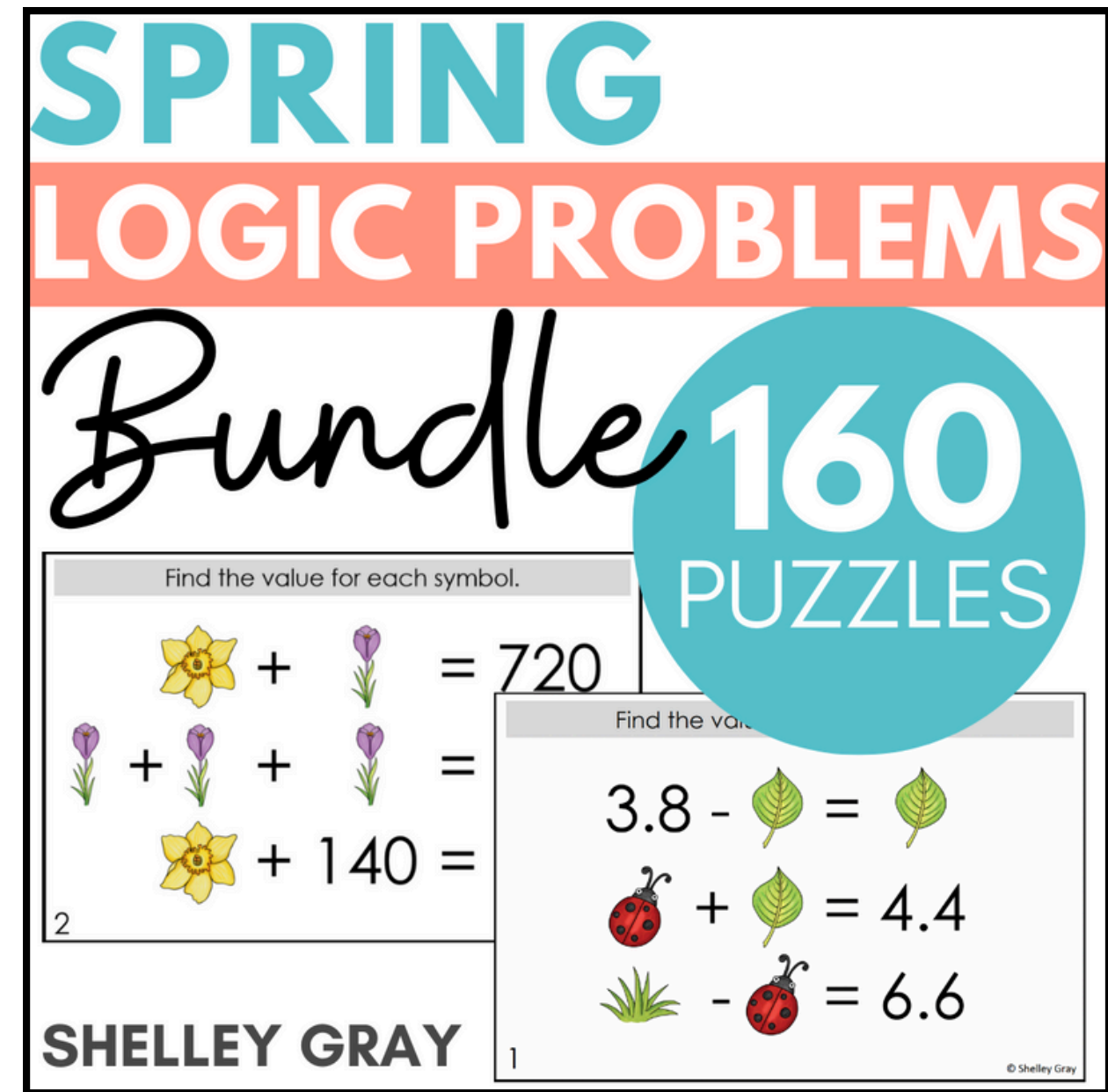
Use it as a math warm-up, daily challenge, or thinking task to promote deep and critical thinking.

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](#).