

# SPRING

ADDITION &  
SUBTRACTION  
WITHIN 1,000

# LOGIC PROBLEMS

Find the value for each symbol.

$$\begin{array}{ccc} \text{Yellow Daffodil} & + & \text{Purple Iris} & = & 720 \\ \text{Purple Iris} & + & \text{Purple Iris} & + & \text{Yellow Daffodil} & = & 1400 \\ \text{Purple Iris} & + & \text{Yellow Daffodil} & = & 1400 \end{array}$$

$$= 720$$

Find the value for each symbol.

$$\begin{array}{ccc} \text{Sun} & - & \text{Sun} & - & \text{Sun} & = & 900 \\ \text{Sun} & + & \text{Sun} & = & 900 \\ \text{Sun} & + & \text{Sun} & = & 900 \end{array}$$

$$750 -$$

$$- \text{Sun} = 900$$

$$\text{Sun} + \text{Sun} = 900$$

$$\text{Sun} + \text{Sun} = 880$$

Find the value for each symbol.

$$\begin{array}{ccc} \text{Seedling} & + & \text{Rainy Cloud} & = & 760 \\ \text{Raindrops} & - & \text{Rainy Cloud} & = & 200 \\ \text{Rainy Cloud} & + & \text{Rainy Cloud} & = & 400 \end{array}$$

$$+ \text{Rainy Cloud} = 760$$

$$\text{Raindrops} - \text{Rainy Cloud} = 200$$

$$\text{Rainy Cloud} + \text{Rainy Cloud} = 400$$

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.

$$\begin{array}{ccccc} \text{Yellow Flower} & + & \text{Purple Flower} & = & 720 \\ \text{Purple Flower} & + & \text{Purple Flower} & + & \text{Purple Flower} & = & 140 \\ \text{Yellow Flower} & + & 140 & = & \end{array}$$

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Find the value for each symbol.

$$\begin{array}{ccccc} \text{Seedling} & + & \text{Rain Cloud} & = & \\ \text{Rain Drops} & - & \text{Rain Cloud} & = & 280 \\ \text{Cloud} & + & \text{Cloud} & = & 250 \end{array}$$

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Find the value for each symbol.

$$\begin{array}{ccccc} 750 & - & \text{Sun} & - & \text{Sun} & = & \text{Sun} \\ \text{Water Drops} & + & \text{Sun} & = & 980 \\ \text{Seedling} & + & \text{Water Drops} & - & 880 & = & \end{array}$$

Requires  
critical  
thinking!





This set includes  
**20 logic puzzles**




that focus on addition and subtraction within 1,000.


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.



 $+$  $= 720$



 $+$  $+$  $= 840$

 $=$













































Find the value for each symbol.

 $+$  $= 760$

 $-$  $= 280$

 $+$  $= 850$

RECORDING SHEET (Add and Subtract Within 1000)

1  $=$	3  $=$	4  $=$	
$=$	 $=$	 $=$	
$=$	 $=$	 $=$	
$=$	7  $=$	8  $=$	
 $=$	 $=$	 $=$	
 $=$	 $=$	 $=$	
 $=$			
9  $=$	 $=$	11  $=$	12  $=$
 $=$	 $=$	 $=$	 $=$
 $=$	 $=$	 $=$	 $=$
13  $=$	14  $=$	15  $=$	16  $=$
 $=$	 $=$	 $=$	 $=$
 $=$	 $=$	 $=$	 $=$
17  $=$	18  $=$	19  $=$	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.

$$750 - \text{☀} - \text{☀} = \text{☀}$$
$$\text{💧} + \text{☀} = 980$$
$$\text{🌱} + \text{💧} = 880$$

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

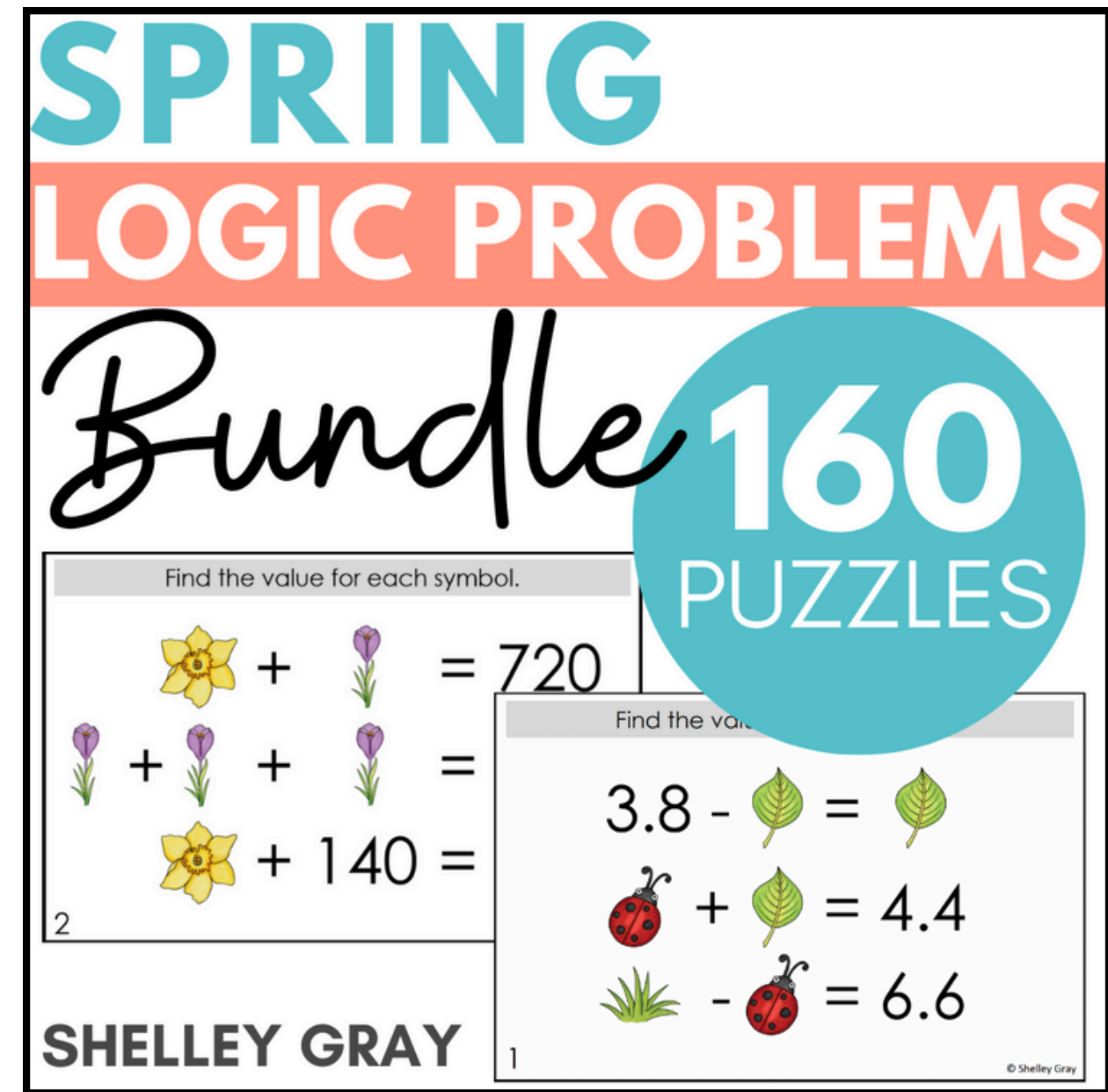
Use it as a math warm-up, daily challenge, or thinking task to promote deep and critical thinking.

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](#).**