

# LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Scarecrow} + \text{Scarecrow} = 12$$

$$\text{Tractor} + \text{Scarecrow} = 19$$

$$\text{Scarecrow} + 14 = \text{Bunch of wheat}$$

Find the value for each symbol.

$$\text{Apple} + 8 = \text{Acorn}$$

$$\text{Wheat stalk} + \text{Apple} = 10$$

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

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.

$$\text{leaf} + \text{acorn} = 8$$
$$\text{bumpy green} + \text{leaf} = \text{acorn}$$
$$\text{acorn} + \text{acorn} = 5$$

Find the value for each symbol.

$$\text{scarecrow} + \text{scarecrow} = 12$$
$$\text{tractor} + \text{scarecrow} = 19$$
$$\text{scarecrow} + 14 = \text{sheaf}$$

Find the value for each symbol.

$$\text{apple} + 8 = \text{acorn}$$
$$\text{sheaf} + \text{apple} = 10$$
$$\text{apple} + \text{apple} = 18$$

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Requires  
critical  
thinking!
















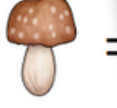
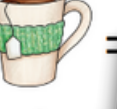






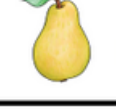


















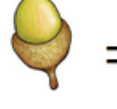
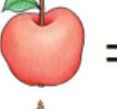




This set includes  
**20 logic puzzles**

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.

**RECORDING SHEET (Add Within 20)**

1  =  =  =	2  =  =  =	3  =  =  =	
5  =  =  =	6  =  =  =	7  =  =  =	
9  =  =  =	10  =  =  =	11  =  =  =	
13  =  =  =	14  =  =  =	15  =  =  =	
17  =  =  =	18  =  =  =	19  =  =  =	20  =  =  =

Find the value for each symbol.

$$\begin{aligned} \text{Apple} + 8 &= \text{Acorn} \\ \text{Wheat} + \text{Apple} &= 10 \\ \text{Apple} + \text{Apple} &= 18 \end{aligned}$$

Find the value for each symbol.

$$\begin{aligned} \text{Pumpkin Patch} + \text{Pumpkin Patch} &= \text{Pumpkin} \\ \text{Pumpkin} + \text{Pumpkin} &= \text{Vine} \\ \text{Vine} + \text{Vine} &= 8 \end{aligned}$$

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# Ideas for Use



**Morning Tubs**



**Math Centers**



**Early Finisher Activity**



**Around the Room Gallery Walk**

**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!

**FALL** 

**LOGIC PROBLEMS**

*Bundle* **160**  
PUZZLES

Find the value for each symbol.

$\text{corn} \div \text{apple} = 40$   
 $\text{basket} \times \text{basket} = 36$   
 $\text{apple} \times \text{basket} = 12$

1

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Find the value for each symbol.

$\text{raspberry} + \text{apple} = 6$   
 $\text{raspberry} + \text{raspberry} = 3$   
 $\text{acorn} - \text{raspberry} = 7.4$

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