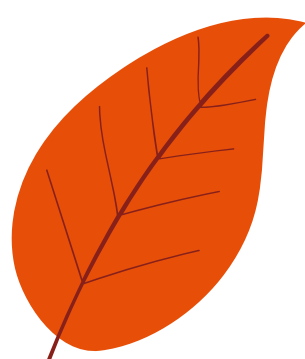


FALL



ADDITION & SUBTRACTION
WITHIN 20

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Apple} + \text{freshly PICKED APPLES} = 14$$

$$\text{Bale of hay} - 10 = \text{freshly PICKED APPLES}$$

$$\text{freshly PICKED APPLES} + \text{freshly PICKED APPLES} = 18$$

4

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Find the value for each symbol.

$$\text{Corn stalk} - 3 = \text{Pumpkin}$$

$$\text{Pumpkin Patch sign} - 13 = \text{Pumpkin}$$

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

GRADES
3-4

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.

$$\text{Apple} + \text{freshly PICKED APPLES} = 14$$
$$\text{Bunch of wheat} - 10 = \text{freshly PICKED APPLES}$$

4

freshly PICKED APPLES +

Find the value for each symbol.

$$\text{Pumpkin patch} - 3 = \text{Pumpkin}$$
$$\text{Pumpkin patch} - 13 = \text{Pumpkin}$$

Find the value for each symbol.

$$\text{Tractor} + \text{Tractor} = 14$$
$$\text{Bunch of wheat} - 1 = \text{Tractor}$$
$$\text{Tractor} - \text{Acorn} = \text{Tractor}$$

9

Requires critical thinking!









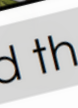

















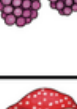





















This set includes
20 logic puzzles

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.

RECORDING SHEET (Add and Subtract Within 20)

1  =  =  =	2  =  =  =	3  =  =	4  =
5  =  =  =	6  =  =  =	7  =  =  =	
9  =  =  =	10  =  =  =	11  =  =  =	
13  =  =  =	14  =  =  =	15  =  =  =	
17  =  =  =	18  =  =  =	19  =  =  =	20  =  =  =

Find the value for each symbol.

$18 - \text{sock} = \text{scarf}$

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

$13 - \text{sweater} = \text{scarf}$

Find the value for each symbol.

$\text{tractor} + \text{tractor} = 16$

$\text{bunch of wheat} - 1 = \text{tractor}$

$\text{tractor} - \text{lemon} = \text{lemon}$

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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

SHELLEY GRAY

Find the value for each symbol.

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

6

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