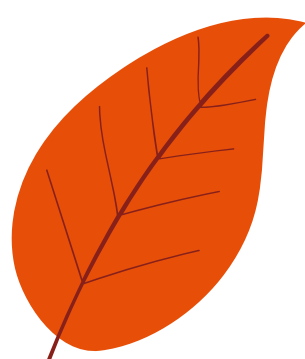


FALL



ADDITION, SUBTRACTION
& MULTIPLICATION

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Bunch of wheat} + \text{Tractor} = 20$$

$$\text{Tractor} \times \text{Tractor} = 9$$

$$\text{Apple} - \text{Bunch of wheat} - \text{Bunch of wheat} - 1 = 30$$

4

Find the value for each symbol.

$$\text{Book} + \text{Book} + \text{Leaf} = 100$$

$$\text{Leaf} \times \text{Leaf} = 36$$

$$\text{Acorn} + \text{Leaf} = 85$$

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.

$$\text{Wheat} + \text{Tractor} = 20$$
$$\text{Tractor} \times \text{Tractor} = 9$$
$$4 - \text{Wheat} - \text{Wheat} = 4$$

Find the value for each symbol.

$$\text{Book} + \text{Book} + \text{Leaf} = 100$$
$$\text{Leaf} \times \text{Leaf} = 36$$

Find the value for each symbol.

$$\text{Pumpkin} + \text{Mouse} - \text{Pumpkin Patch} =$$
$$\text{Pumpkin} + \text{Mouse} + \text{Pumpkin Patch} =$$
$$\text{Pumpkin Patch} \times \text{Pumpkin Patch} =$$

Requires critical thinking!

This set includes
20 logic puzzles

that focus on addition,
 subtraction, and multiplication.

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, Subtract, Multiply Within 100)

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

Find the value for each symbol.

$$\begin{aligned} \text{vine} \times \text{corn stalk} &= 63 \\ \text{corn stalk} \times \text{corn stalk} &= 81 \\ \text{pumpkin} + \text{vine} + \text{corn stalk} &= 20 \end{aligned}$$

Find the value for each symbol.

$$\begin{aligned} \text{mouse} - \text{pumpkin patch sign} &= 6 \\ \text{pumpkin} + \text{mouse} + \text{pumpkin patch sign} &= 4 \\ \text{pumpkin patch sign} \times \text{pumpkin patch sign} &= 4 \end{aligned}$$

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.

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

6

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