

MATH

LOGIC PROBLEMS

Find the value for each symbol.

$$\begin{matrix} \text{★} & \text{★} \\ \text{★} & \end{matrix} + 10 = \text{🚗}$$

$$\text{🚗} + \text{🚗} + \text{🚗} = 9$$

$$\text{🔑} \times \begin{matrix} \text{★} & \text{★} \\ \text{★} & \end{matrix} = 1$$

9

Find the value for each symbol.

$$\text{✉} + \text{✉} = 32$$

$$\text{🎉} + \text{🎉} - \text{🎈} = 20$$

$$5 \times \text{✉} = \text{🎈}$$

1

GRADES
4-6

Ready to
challenge

your students in a new way?

These Logic Puzzles will require your students to think differently, providing a whole new element of challenge!



Find the value for each symbol.

$$\text{Steering Wheel} \times \text{Steering Wheel} = 64$$

$$\text{Helmet} + \text{Helmet} + \text{Stopwatch} = 80$$

Find the value for each symbol.

$$\text{Airplane} + \text{Airplane} = 42$$

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

$$\text{Ship} + \text{Ship} = 70$$

17










































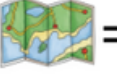








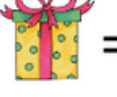

Requires
critical
thinking!

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 (Addition, Subtraction, and Multiplication Within 100)


1  =  =  =	2  =  =  =	3  =  =  =	4  =  =  =
5  =  =  =	6  =  =  =	7  =  =  =	
9  =  =  =	10  =  =  =	11  =  =  =	
13  =  =  =	14  =  =  =	15  =  =  =	16  =  =  =
17  =  =  =	18  =  =  =	19  =  =  =	20  =  =  =

Find the value for each symbol.

 +  = 42

 ×  = 36

 +  +  = 70

19
 =

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!

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!

MATH
LOGIC PROBLEMS

Bundle **160**
PUZZLES

Find the value for each symbol.

Apple - Glass = 5
Apple + Apple = 1
Crayon + Glass = 2

10

Find the value

1 × Stack of Books × Stack of Books = 100
Pitcher ÷ Mug = Mug
Mug × Stack of Books = 90

14

SHELLEY GRAY © Shelley Gray

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