

SPRING

ADDITION & SUBTRACTION WITH DECIMALS

LOGIC PROBLEMS

Find the value for each symbol.

$$\text{Rain Boot} + \text{Umbrella} = 7.$$

$$\text{Teapot} + \text{Umbrella} = 3.$$

$$\text{Umbrella} + \text{Umbrella} = 5.$$

7

Find the value for each symbol.

$$1.6 - \text{Potted Plant} =$$

$$\text{Garden Hose} - \text{Potted Plant} =$$

$$\text{Compost} + \text{Garden Hose} =$$

10

Find the value for each symbol.

$$3.8 - \text{Leaf} = \text{Leaf}$$

$$\text{Ladybug} + \text{Leaf} = 4$$

$$\text{Grass} - \text{Ladybug} =$$

GRADES
4-6

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.

$$\text{Boot} + \text{Umbrella} = 7.2$$
$$\text{Watering can} + \text{Umbrella} = 3$$
$$\text{Umbrella} + \text{Umbrella} = 5.4$$

7

Find the value for each symbol.

$$1.6 - \text{Potted plant} = \text{Potted plant}$$
$$\text{Garden hose} - \text{Potted plant} = 0.3$$

3

Find the value for each symbol.

$$3.8 - \text{Leaf} = \text{Leaf}$$
$$\text{Ladybug} + \text{Leaf} = 4.4$$
$$\text{Grass} - \text{Ladybug} = 6.6$$

Requires critical thinking!

This set includes
20 logic puzzles
 that focus on addition and subtraction with decimal numbers.
 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.

$$3.8 - \text{leaf} = \text{leaf}$$

$$\text{ladybug} + \text{leaf} = 4.4$$

$$\text{grass} - \text{ladybug} = 6.6$$

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Find the value for each symbol.

$$1.6 - \text{potted plant} = \text{potted plant}$$

$$\text{garden hose} - \text{potted plant} = 0.3$$

$$\text{compost} + \text{garden hose} = 8.3$$

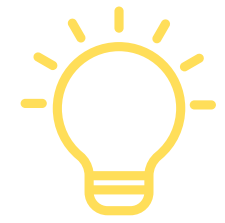
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RECORDING SHEET (Decimals)			
1	leaf =	3	rainbow =
	frog =		pinwheel =
			mushroom =
			leafy branch =
			mushroom =
			pond =
		7	boot =
			teapot =
			umbrella =
		8	umbrella =
			boot =
			sun =
		11	potted plant =
			hat =
			gnome =
		12	glove =
			spool =
			fork =
		13	scissors =
			shovel =
			seedling =
		14	brush =
			seedling =
			sign =
		15	seed packet =
			beans =
			seedling =
		16	beans =
			tomato =
			beans =
		17	boot =
			shovel =
			shovel =
		18	boat =
			shovel =
		19	cloud =
			bird =
		20	bird =
			cloud =

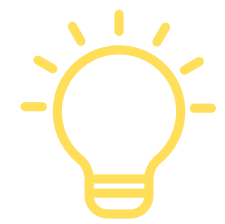
Ideas for Use



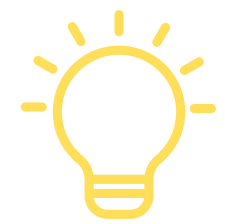
Morning Tubs



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!

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!

The graphic features the title "SPRING LOGIC PROBLEMS" in a blue and red banner. Below it, "Bundle 160 PUZZLES" is written in a mix of cursive and bold fonts. Two sample puzzle cards are shown. The first card, labeled "2", has the instruction "Find the value for each symbol." and three equations: a yellow flower plus a purple flower equals 720, a purple flower plus a purple flower plus a purple flower equals an unknown, and a yellow flower plus 140 equals an unknown. The second card, labeled "1", has the instruction "Find the value" and three equations: 3.8 minus a green leaf equals a green leaf, a ladybug plus a green leaf equals 4.4, and a green grass tuft minus a ladybug equals 6.6. The author's name "SHELLEY GRAY" is at the bottom of each card.

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