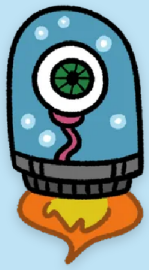
LOGIC PUZZLES · GRADES 3–5

Shape Math Puzzles

Each shape stands for a number. The same shape is always the same number.
Solve each puzzle, one line at a time.

Name: _____ **Date:** _____



Puzzle 1

☆ + ☆ = 10

☆ + ○ = 8

○ + △ = 7

☆ = □ ○ = □ △ = □

Puzzle 2

♡ + ♡ + ♡ = 12

♡ + □ = 10

□ + □ + ☾ = 15

♡ = □ □ = □ ☾ = □

Puzzle 3

△ + △ = 18

△ + ☆ + ☆ = 15

☆ + ○ = 10

△ = □ ☆ = □ ○ = □

Puzzle 4

☾ + ☾ + ☾ + ☾ = 20

☾ + ♡ + ♡ = 21

♡ + □ + □ = 12

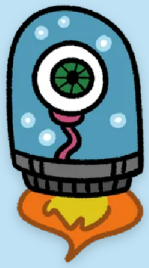
☾ = □ ♡ = □ □ = □

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ANSWER KEY · LOGIC PUZZLES · FOR GROWN-UPS

Answer Key: Shape Math Puzzles

Each shape stands for a number. The same shape is always the same number.
Solve each puzzle, one line at a time.



Puzzle 1

☆ + ☆ = 10

☆ + ○ = 8

○ + △ = 7

☆ = 5 ○ = 3 △ = 4

Puzzle 2

♡ + ♡ + ♡ = 12

♡ + □ = 10

□ + □ + ☾ = 15

♡ = 4 □ = 6 ☾ = 3

Puzzle 3

△ + △ = 18

△ + ☆ + ☆ = 15

☆ + ○ = 10

△ = 9 ☆ = 3 ○ = 7

Puzzle 4

☾ + ☾ + ☾ + ☾ = 20

☾ + ♡ + ♡ = 21

♡ + □ + □ = 12

☾ = 5 ♡ = 8 □ = 2

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