## More to Explore

## Solve for the Value of Each Shape with Three Variables

1) Use the shape version of the work provided below as a guide to solve for the value of each shape.

square: x, triangle: y, circle: z

$$3 \square = \bigcirc \\
\square + \triangle + \bigcirc = 19 \\
2 \bigcirc -1 = \triangle$$

$$3x = z$$

$$x + y + z = 19$$

$$2z - 1 = y$$

2) Solve for the value of each shape.

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