

Say It in Shapes

Visual Thinking

An expression and a shape are given for each exercise below. Use the shape to represent the given expression. Then use the properties of operations to give an equivalent expression.

Example: $4 + 3 + 1$, circle

Answer:

$$\bigcirc \bigcirc \bigcirc \bigcirc + \bigcirc \bigcirc \bigcirc + \bigcirc = \bigcirc \bigcirc \bigcirc + \bigcirc + \bigcirc \bigcirc \bigcirc \bigcirc$$

1. $5 + 2 + 7$, triangle

2. $2(3 + 8)$, square

3. $8 + (7 + 4)$, circle

4. $(4 \times 2) + (3 \times 4)$, diamond