

# 8<sup>th</sup> Grade Math Terms to Know: 4<sup>th</sup> Quarter

## Geometry

**Congruent figures:** Two figures are congruent if they are the same size and shape.

**Line of reflection:** A transformation that matches each point on a figure with its mirror image over a line.

**Reflectional symmetry:** A figure has reflectional symmetry if you can draw a line through a figure and both halves are mirror images.

**Rotation:** A transformation that turns a figure about a single point.

## Algebra

**Commutative Property of Addition:**  $a + b = b + a$

**Commutative Property of Multiplication:**  $ab = ba$

**Identity Property of Addition:**  $a + 0 = a$

**Identity Property of Multiplication:**  $a * 0 = 0$

**Associative Property of Addition:**  $(a + b) + c = a + (b + c)$

**Associative Property of Multiplication:**  $(a * b) * c = a * (b * c)$