

# Geometry Review

*Students should be familiar with the following terms in preparation for the geometry test.*

## 2D shapes –

Triangle, square, rectangle, pentagon, hexagon, octagon, rhombus, trapezoid, parallelogram, quadrilateral

## 3D shapes –

Sphere, cone, cylinder, cube, rectangular prism, triangular prism, square pyramid, triangular pyramid

**Symmetry** – When you can fold a figure so that it has two parts that match exactly

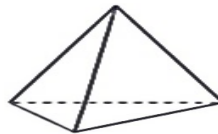
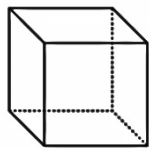
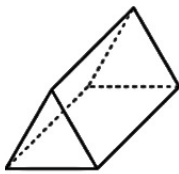
**Congruent** – two figures that are the same size and same shape

**Faces** – the flat surface of a 3D shape

**Edges** – The line where two faces of a 3D figure meet

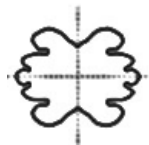
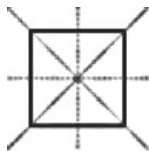
**Vertices** – The point where two edges meet (corners)

- Students should be able to determine how many faces, edges, and vertices 3D shapes have.



, etc.

- They should be able to compare and contrast 2 different shapes based on their attributes.
- Students should be able to identify lines of symmetry on images (whether they have 0, 1, 2, or more line(s) of symmetry).



- They should also be able to identify when shapes are congruent.
- Students should be able to justify their thinking by using the geometry vocabulary words/definitions.