Expectation

2.1   The student will analyze two- and three-dimensional figures using tools and technology
        when appropriate.

Essential Question

How are two-dimensional relationships
connected to the properties of three-
dimensional figures?

Enduring Understanding

Three-dimensional figures have properties
similar to those of two-dimensional
figures.

Indicators

2.1.1   analyze the properties of geometric figures.

        2.1.1.b represent and analyze line/segment/plane relationships including parallel,
                perpendicular, intersecting, bisecting, midpoint, median, and altitude.

        2.1.1.e represent and analyze angle relationships with parallel lines.

        2.1.1.g represent and analyze geometric solids including cones,
                cylinders, prisms, pyramids, and composite figures.

2.1.2   identify and/or verify properties of geometric figures using
        the coordinate plane and concepts from algebra.
        Properties and relationships include:

        2.1.2.a line/segment relationships including parallel,
                perpendicular, intersecting, bisecting, midpoint, distance,
                median, and altitude.