

Geometry

Goal: The learner will understand and use properties and relationships in geometry.

Objective:

3.02 Identify, define, and describe similar and congruent polygons with respect to angle measures, length of sides, and proportionality of sides.

To achieve this objective, students should:

- Identify corresponding parts of similar and congruent polygons.
- Understand that congruent polygons are similar and have a scale factor of 1.
- Understand that the corresponding parts of congruent polygons are congruent.
- Understand that corresponding sides of similar figures are proportional.
- Understand that corresponding angles of similar figures are congruent.
- Identify, analyze and interpret angles, including corresponding, alternate interior, alternate exterior, and vertical angles.