

Name _____

Date _____

Geometric Shapes with Given Conditions - Independent Practice Worksheet

You will need a piece of paper to draw your answers on.

1. Draw an equilateral triangle.
2. Draw a quadrilateral that has 4 sides, opposite sides equal, and no sides are perpendicular.
3. Which of the length measures of enclosed shapes below will create a triangle?
 - a. 1 cm, 4 cm, and 2 cm
 - b. 5 cm, 3cm, and 8 cm
4. Draw a quadrilateral which has non-parallel sides equal and its base angles are equal?
5. Which of the length measures of enclosed shapes below will create a triangle?
 - a. 5 cm, 7 cm, and 12 cm
 - b. 3 cm, 7cm, and 5 cm
 - c. 4 cm, 2 cm, 3 cm
6. Draw a scalene triangle with all 3 different sides.
7. Draw a quadrilateral whose diagonals bisect each other at right angles with all sides equal in length and opposite sides are parallel.
8. Which of the length measures of enclosed shapes below will create a triangle?
 - a. 2 cm, 3 cm, and 6 cm
 - b. 6 cm, 3cm, and 5 cm
 - c. 5 cm, 6 cm, 11 cm
9. Draw a quadrilateral with opposite sides equal and has right angles.
10. Draw a right triangle with two equal angles.

