

Congruence

TAKS Objective 3
TEKS 3.9A

Solve each problem.

1. Paco drew a square with sides that are each 15 inches long. Ellen drew a figure congruent to Paco's square. What figure did Ellen draw? What is the length of each of its sides?

3. Ruth drew a hexagon with 2-inch sides. Phil drew a five-sided polygon with 2-inch sides. Phil says his figure is congruent to Ruth's. What's wrong?

5. Use this grid paper to draw a figure that is congruent to the figure shown.



2. Susan drew an equilateral triangle. One of its sides is 9 centimeters long. Jason drew a triangle congruent to Susan's triangle. How long were the sides of Jason's triangle?

4. Kelly drew a rectangle. Aaron drew a square congruent to Kelly's rectangle. What do you know about Kelly's rectangle?

6. Use this grid paper to complete the half-finished figure on the right so that it is congruent to the figure on the left.

