Perimeter

1. Measure the sides and find the perimeter in inches and in centimeters/millimeters.

a.

b.

c.
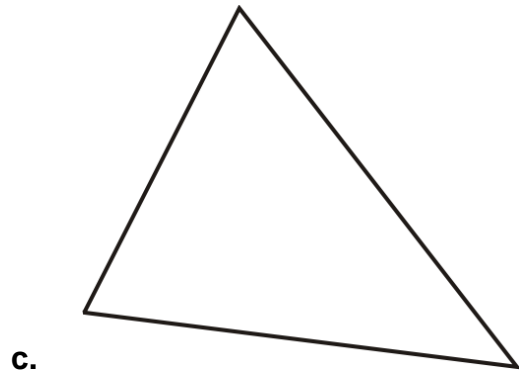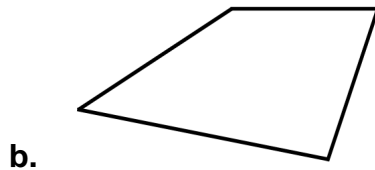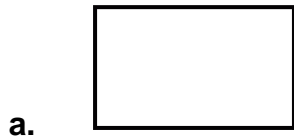
2. Find the perimeter.

a. square with 1 1/4 in. sides	**c.** 25 ft x 35 ft room
b. regular hexagon with 2.86 m sides	**d.** a triangle with two sides that are 45.5 cm, and the third side is 67.75 cm

3. Find the side. Draw a picture.

a. A square has a perimeter of 25.52 m. What is its side?	**b.** A rectangle's longer side is 5 1/2 inches, and its perimeter is 16 inches. What is the shorter side?	**c.** The perimeter of a regular octagon is 50.80 meters. What is its side?

4. You want to build a dog pen. The pen needs to be at least 30 ft long but at most 50 ft long.
   It needs to be at least 10 ft wide, but at most 15 ft wide.
   The fencing costs $4.50 per foot.

   Make three different pen designs that fit the situation, and find their prices.