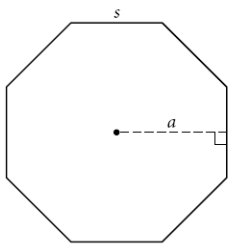
Name: _____

Areas of Triangles and Quadrilaterals

1) The polygons are regular, find the missing value

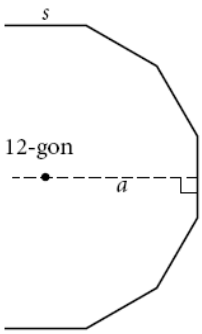
1) s = 12 cm
   a = 14.5 cm

   A = _____



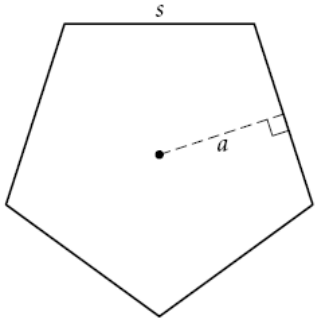
2) s = 4.2 cm
   A = 197 cm^2

   a = _____

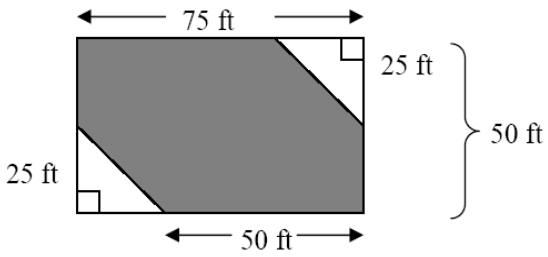


3) a = 6 cm
   A = 130.8 cm^2

   p = _____

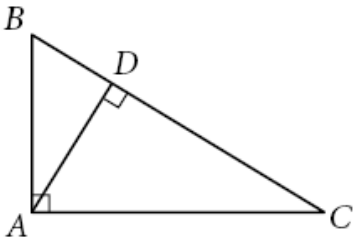


2) Calculate the number of square feet in the shaded region below where two congruent right triangles are located within a rectangle.



3) Rectangle *ABCD* has area 2684 m^2 and width 44 m. Find its length.

4) *AB* = 6 cm, *AC* = 8 cm, and *BC* = 10 cm. Find *AD*.



5) Find the area of the shaded region.