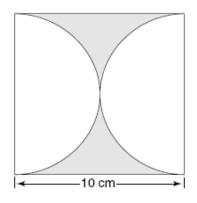
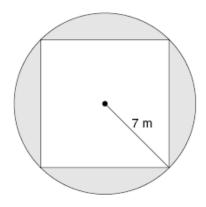
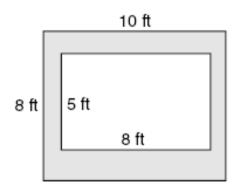
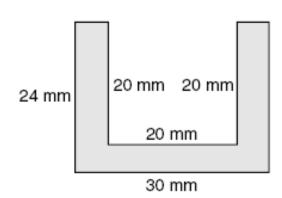
## **Area of Shaded Region Worksheet**

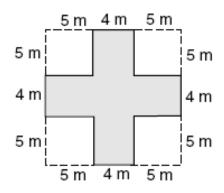
Find the area of the shaded region in each of the following figures.

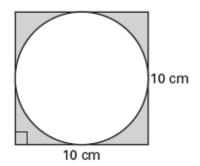




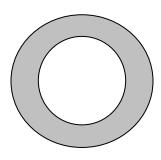


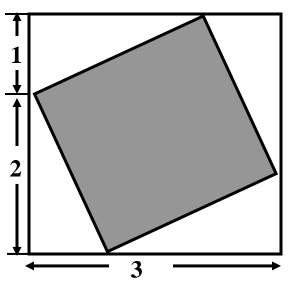






This figure consists of 2 concentric circles. If the shaded area is  $64\pi$  sq. in. and the smaller circle has a radius of 6 in., what is the radius, in inches of the larger circle?





The shaded square is inscribed in the larger square

