Find the **area of the shaded** regions.



Area of Square = l x w

 = 20 cm x 20 cm

 = 400 $cm^{2}$

Area of circle = $πr^{2}$

 = $3.14 x (10 cm)^{2}$

 = 314.16$ cm^{2}$

Shaded Area = A square – A circle

 = $400 cm^{2}- 314.16 cm^{2}$

 = **85.84** $cm^{2}$

Area of Square = l x w

 = 4 in x 4 in

 = 16 $in^{2}$

Area of circle = $πr^{2} $

= $3.14 x \left(2 in\right)^{2}$

= 12.56$ in^{2}$

Shaded Area = A square – A circle

 = $16 in^{2}- 12.56 in^{2}$

 = **3.44** $in^{2}$

 Area of Square = l x w

 = 7 m x 7 m

 = 49 $m^{2}$

Area of circle = $πr^{2}$

 = $3.14 x (3.5 m)^{2}$

= 38.48$ m^{2}$

Shaded Area = A square – A circle

 = $49 m^{2}- 38.48 m^{2}$

 = **10.52** $m^{2}$