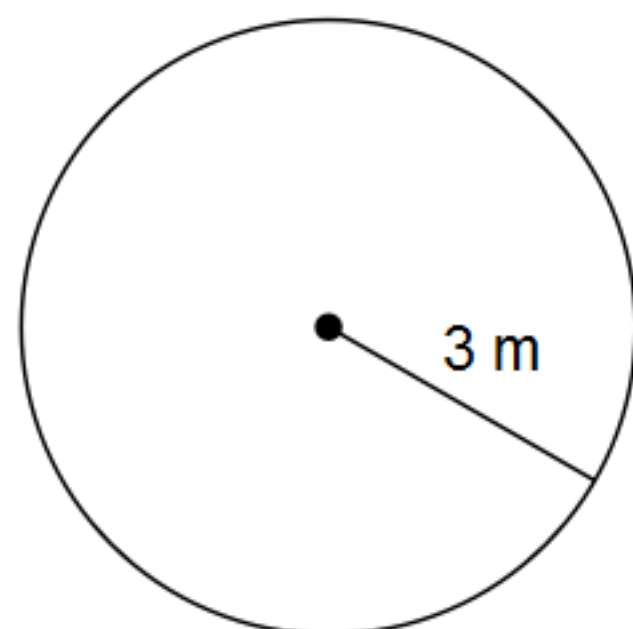


diameter → the
distance across a
circle

radius → $\frac{1}{2}$ of
the diameter

Find the area and circumference of each 2-D circle. Round all final answers to the nearest tenth, and don't forget to include your units!

8)



$$r = 3m$$

$$C = \pi d$$

or

$$2\pi r$$

$$A = \pi r^2$$

* Side by side = x

$$C = 2\pi r$$

3.14

$$C = 2\pi(3)$$

$$C = 18.84$$

$$C = 18.8m$$

$$A = \pi r^2$$

$$A = \pi(3^2)$$

3 x 3

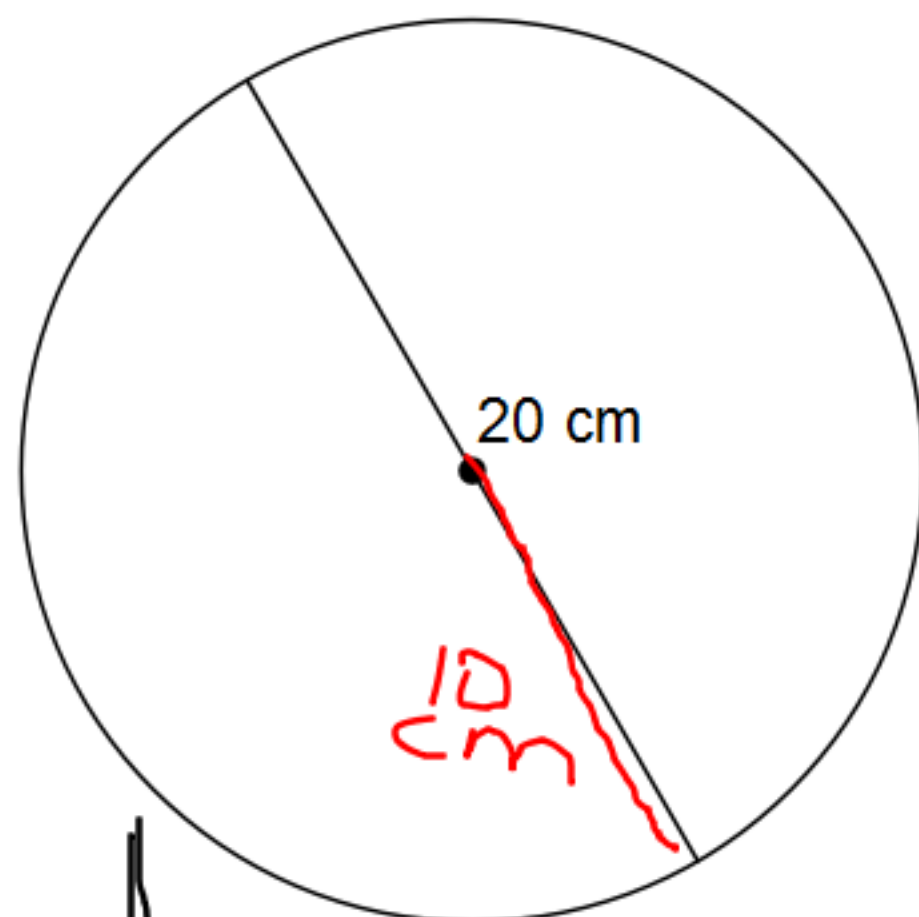
$$A = \pi(9)$$

$$A = 28.27$$

$$A = 28.3m^2$$

Find the area and circumference of each 2-D circle. Round all final answers to the nearest tenth, and don't forget to include your units!

9)



$$d = 20 \text{ cm}$$

$$r = 10 \text{ cm}$$

$$C = \pi d$$

OR

$$2\pi r$$

$$A = \pi r^2$$

$$C = \pi d$$

$$C = \pi (20)$$

$$C = 62.8 \text{ cm}$$

$$A = \pi r^2$$

$$A = \pi (10^2)$$

$$A = \pi (100)$$

$$A = 314.15$$

$$A = 314.2 \text{ cm}^2$$