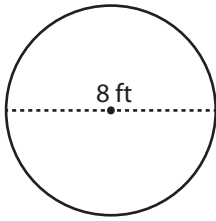


Circle - Area

Diameter Easy: S1

Example :

**Area of a circle = πr^2**

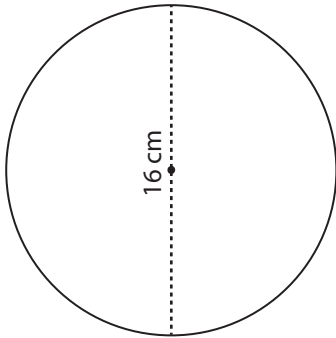
Diameter = 8 ft

Radius (r) = 4 ft

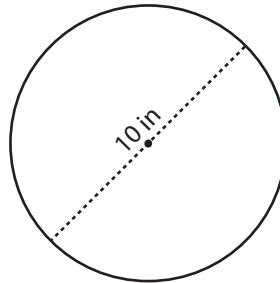
Area = πr^2 = $\pi \times 4 \times 4$ Area = **$16\pi \text{ ft}^2$**

Find the exact area of each circle.

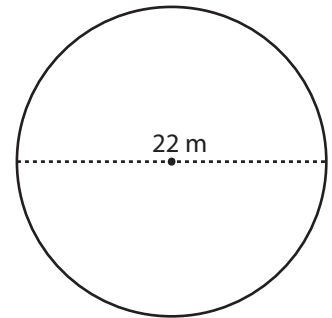
1)

Area =

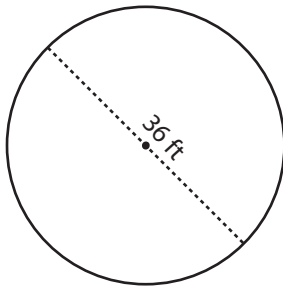
2)

Area =

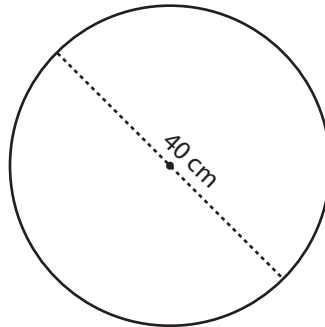
3)

Area =

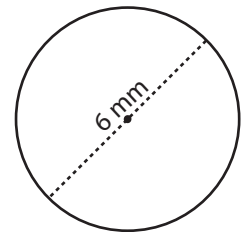
4)

Area =

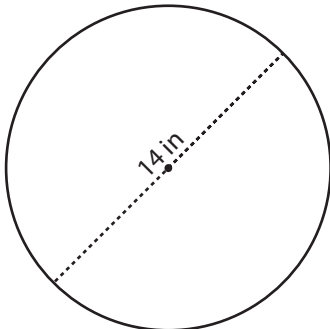
5)

Area =

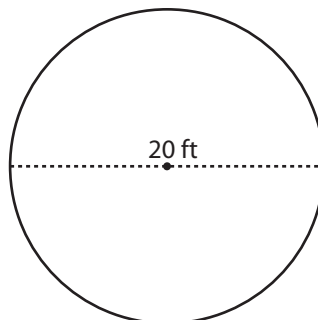
6)

Area =

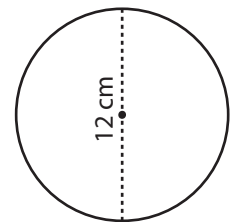
7)

Area =

8)

Area =

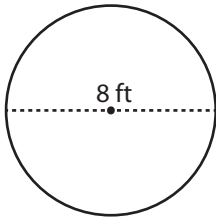
9)

Area =

Answer Key**Circle - Area**

Diameter Easy: S1

Example :

**Area of a circle = πr^2**

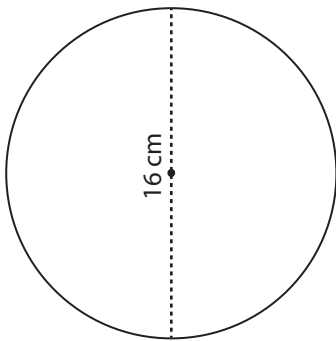
Diameter = 8 ft

Radius (r) = 4 ft

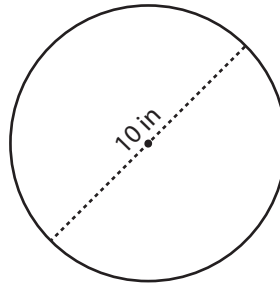
Area = πr^2 = $\pi \times 4 \times 4$ Area = **$16\pi \text{ ft}^2$**

Find the exact area of each circle.

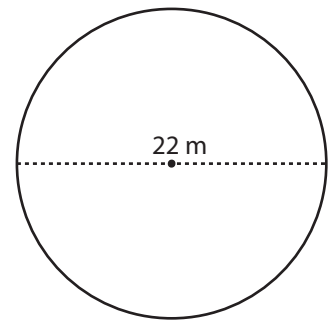
1)

Area = **$64\pi \text{ cm}^2$**

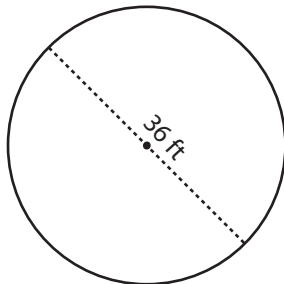
2)

Area = **$25\pi \text{ in}^2$**

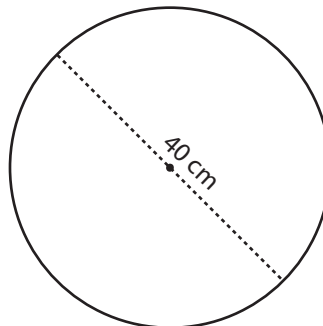
3)

Area = **$121\pi \text{ m}^2$**

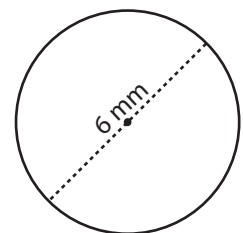
4)

Area = **$324\pi \text{ ft}^2$**

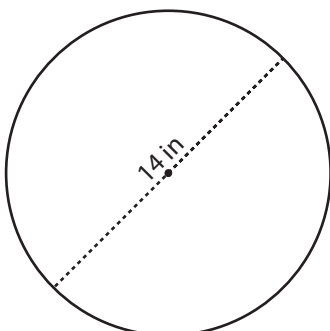
5)

Area = **$400\pi \text{ cm}^2$**

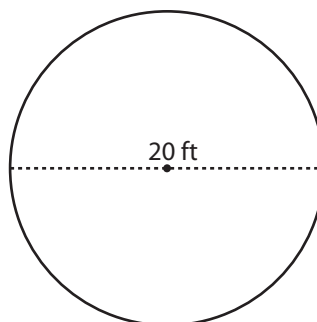
6)

Area = **$9\pi \text{ mm}^2$**

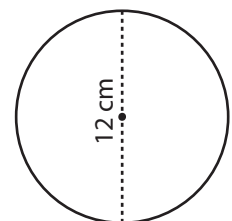
7)

Area = **$49\pi \text{ in}^2$**

8)

Area = **$100\pi \text{ ft}^2$**

9)

Area = **$36\pi \text{ cm}^2$**