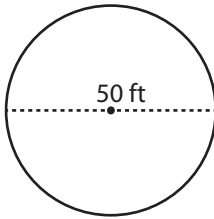


Circle - Area

Example :



Area of a circle = πr^2

Diameter = 50 ft

Radius (r) = 25 ft

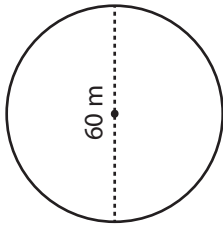
Area = πr^2

= 3.14 x 25 x 25

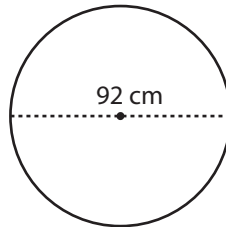
Area = **1962.5 ft²**

Find the area of each circle. Round the answer to tenth decimal place. (use $\pi = 3.14$)

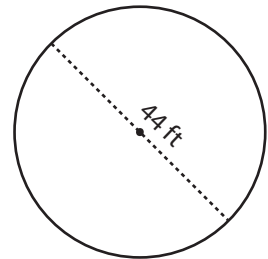
1)

Area =

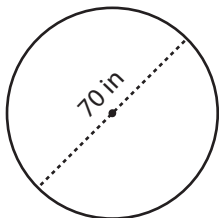
2)

Area =

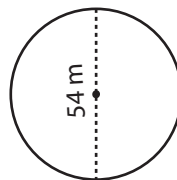
3)

Area =

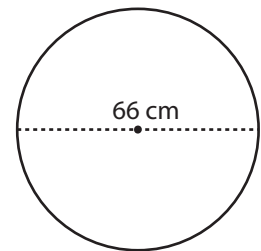
4)

Area =

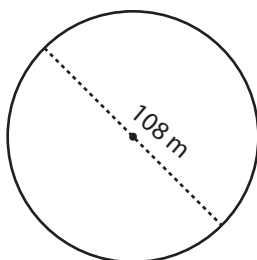
5)

Area =

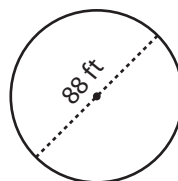
6)

Area =

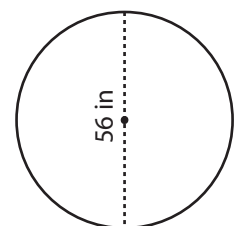
7)

Area =

8)

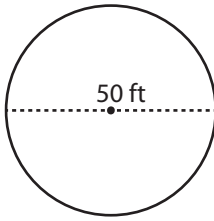
Area =

9)

Area =

Answer Key

Example :

**Area of a circle = πr^2**

Diameter = 50 ft

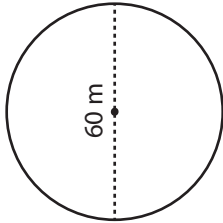
Radius (r) = 25 ft

Area = πr^2

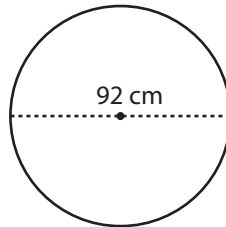
= 3.14 x 25 x 25

Area = **1962.5 ft²**Find the area of each circle. Round the answer to tenth decimal place. (use $\pi = 3.14$)

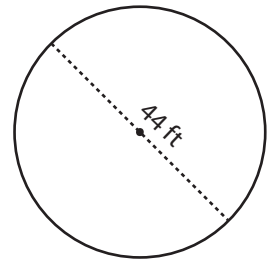
1)

Area = **2826 m²**

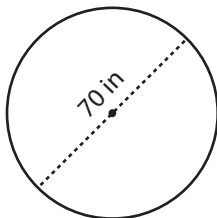
2)

Area = **6644.2 cm²**

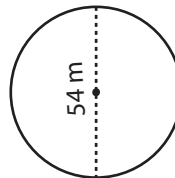
3)

Area = **1519.8 ft²**

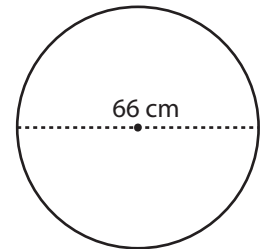
4)

Area = **3846.5 in²**

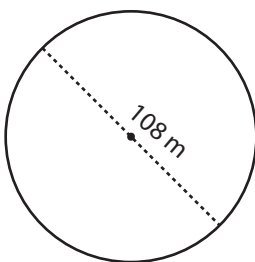
5)

Area = **2289.1 m²**

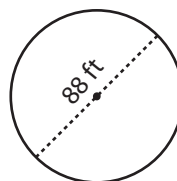
6)

Area = **3419.5 cm²**

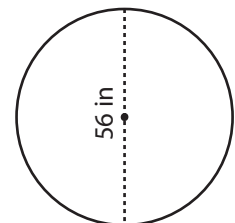
7)

Area = **9156.2 m²**

8)

Area = **6079 ft²**

9)

Area = **2461.8 in²**