Name : _____   Score : _____
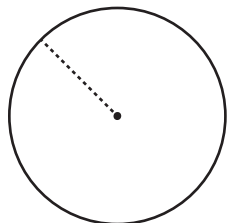
Circle - Area

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

1)

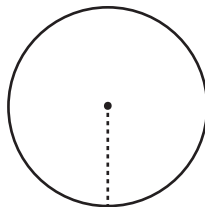Circumference = 150.7 in

Radius = _____

Area = _____

2)

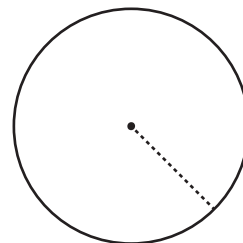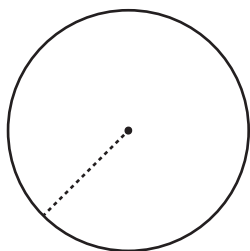Circumference = 219.8 m

Radius = _____

Area = _____
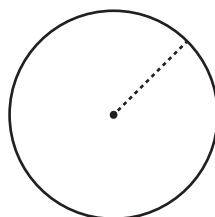
3)

Circumference = 257.5 cm

Radius = _____

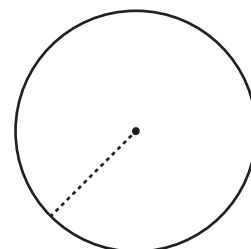Area = _____

4)

Circumference = 232.4 ft

Radius = _____

Area = _____

5)

Circumference = 358 m

Radius = _____

Area = _____

6)

Circumference = 251.2 in

Radius = _____

Area = _____

7) A circle has a circumference of 144.4 cm. What is its area?

Area = _____
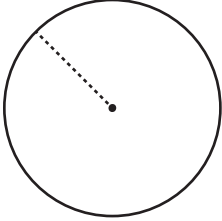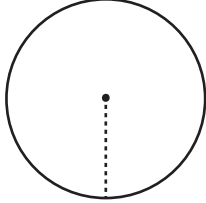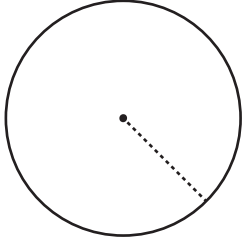
8) The circumference of a circular building is 207.2 ft. Find the area of the base of the building.

Area = _____

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

1)

Circumference = 150.7 in

Radius = __**24 in**__

Area = **1808.6 in²**

2)

Circumference = 219.8 m

Radius = __**35 m**__

Area = **3846.5 m²**

3)

Circumference = 257.5 cm

Radius = __**41 cm**__

Area =**5278.3 cm²**

4)

Circumference = 232.4 ft

Radius = __**37 ft**__

Area = **4298.7 ft²**

5)

Circumference = 358 m

Radius = __**57 m**__

Area =**10201.9 m²**

6)

Circumference = 251.2 in

Radius = __**40 in**__

Area = __**5024 in²**__
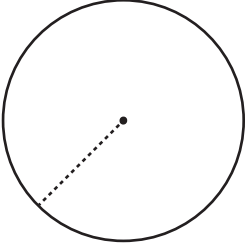

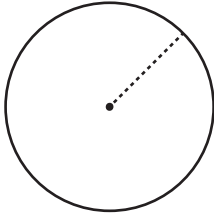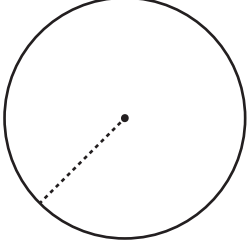7) A circle has a circumference of 144.4 cm. What is its area?

Area = _____**1661.1 cm²**_____

8) The circumference of a circular building is 207.2 ft. Find the area of the base of the building.

Area = _____**3419.5 ft²**_____