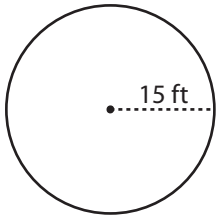
Name : _____ Score : _____

Circle - Area

Radius/Diameter Easy: S1

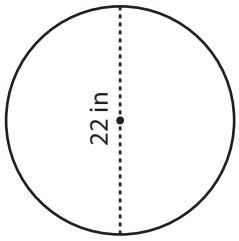
Find the exact area of each circle.

1)



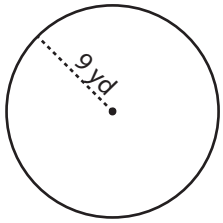
Area = _____

2)



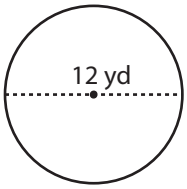
Area = _____

3)



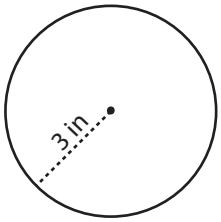
Area = _____

4)



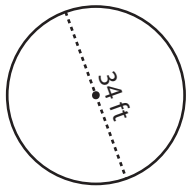
Area = _____

5)



Area = _____

6)



Area = _____

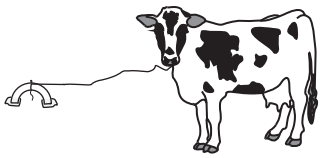
7) If the radius is 10 ft, what will be the area of the circle?

a) 100π ft^2 b) 400π ft^2 c) 25π ft^2 d) 2π ft^2

8) What is the area of a circle with a diameter of 16 in?

a) 256π in^2 b) 64π in^2 c) 32π in^2 d) 16π in^2

9) A cow is tethered with a rope 20 ft long. What is the maximum area the cow can graze?



Area = _____

Name : _____ Score : _____

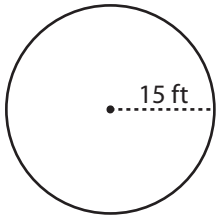
Answer Key

Circle - Area

Radius/Diameter Easy: S1

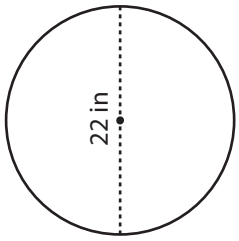
Find the exact area of each circle.

1)



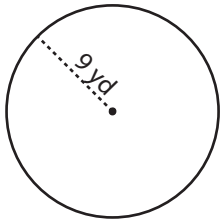
Area = **225π ft²**

2)



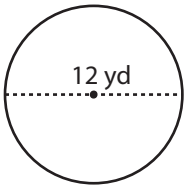
Area = **121π in²**

3)



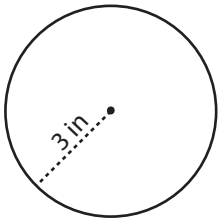
Area = **81π yd²**

4)



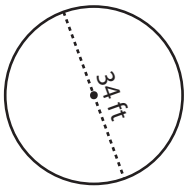
Area = **36π yd²**

5)



Area = **9π in²**

6)



Area = **289π ft²**

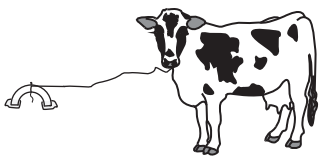
7) If the radius is 10 ft, what will be the area of the circle?

a) 100π ft² b) 400π ft² c) 25π ft² d) 2π ft²

8) What is the area of a circle with a diameter of 16 in?

a) 256π in² **b) 64π in²** c) 32π in² d) 16π in²

9) A cow is tethered with a rope 20 ft long. What is the maximum area the cow can graze?



Area = **400π ft²**