

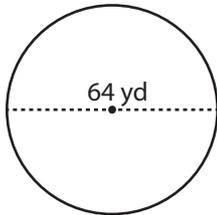
Name : \_\_\_\_\_

## Circle - Area

Radius/Diameter: MS1

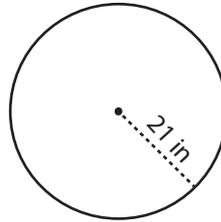
Find the area of each circle. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1)

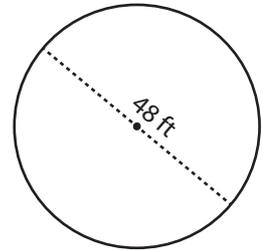


Area =

2)

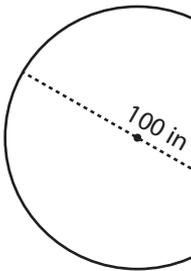


3)

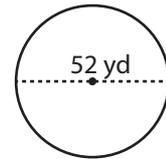


Area =

4)



Area =



Area =

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7) If the

a) 9498

8) What

a) 188.4 yd<sup>2</sup>   b) 11304 yd<sup>2</sup>   c) 2826 yd<sup>2</sup>   d) 376.8 yd<sup>2</sup>

9) If a goat is tethered with a rope 28 ft long, what will be the maximum area the goat can graze? Round your answer to the nearest tenth. (use  $\pi = 3.14$ )



Area = \_\_\_\_\_

Name : \_\_\_\_\_

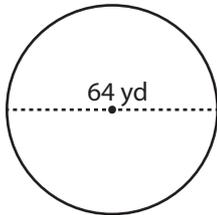
**Answer key**

Radius/Diameter: MS1

**Circle - Area**

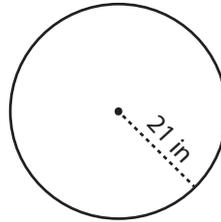
Find the area of each circle. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1)



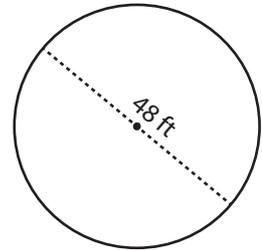
Area = **3215.4** yd<sup>2</sup>

2)

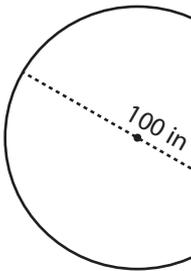


Area = **1808.6** ft<sup>2</sup>

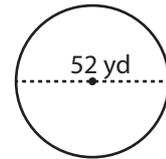
3)



4)



Area = **7850** in<sup>2</sup>



Area = **2122.6** yd<sup>2</sup>

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7) If the

**a) 949**

8) What

- a) 188.4 yd<sup>2</sup>    b) 11304 yd<sup>2</sup>    **c) 2826 yd<sup>2</sup>**    d) 376.8 yd<sup>2</sup>

9) If a goat is tethered with a rope 28 ft long, what will be the maximum area the goat can graze? Round your answer to the nearest tenth. (use  $\pi = 3.14$ )



Area = **2461.8** ft<sup>2</sup>