

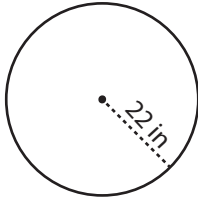
Name : \_\_\_\_\_

## Circle - Area

Radius/Diameter: MS4

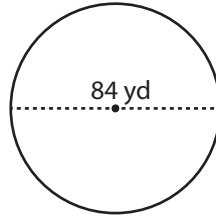
Find the area of each circle. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1)



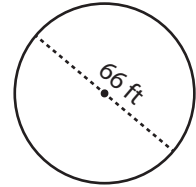
Area =

2)

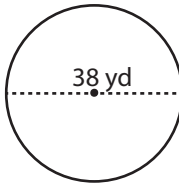


Area =

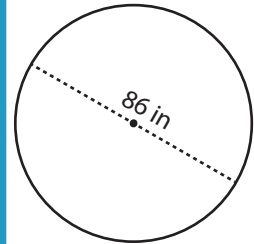
3)



4)



Area =



Area =

7) What

a) 188.

8) If the

a) 9156.2 ft<sup>2</sup>   b) 2289.1 ft<sup>2</sup>   c) 1144.5 ft<sup>2</sup>   d) 4578.1 ft<sup>2</sup>

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9) The minute hand of a wall clock is 5 in long. What is the maximum area it can cover? Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

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



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

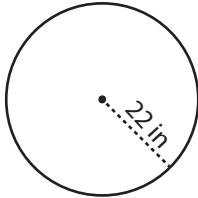
**Answer key**

**Circle - Area**

Radius/Diameter: MS4

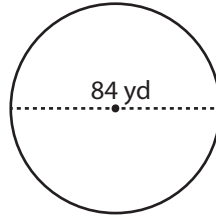
Find the area of each circle. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1)



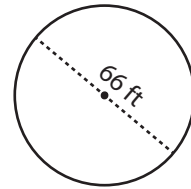
Area = **1519.8** in<sup>2</sup>

2)

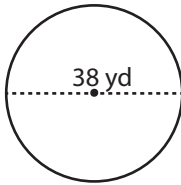


Area = **3419.5** ft<sup>2</sup>

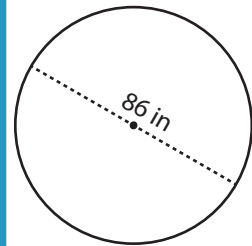
3)



4)



Area = **1133.5** yd<sup>2</sup>



Area = **5805.9** in<sup>2</sup>

**PREVIEW**

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7) What is the area of a circle with a diameter of 18.8 in?

a) 188.4 in<sup>2</sup>

8) If the area of a circle is 9156.2 ft<sup>2</sup>, what is the diameter?

- a) **9156.2 ft<sup>2</sup>**    b) 2289.1 ft<sup>2</sup>    c) 1144.5 ft<sup>2</sup>    d) 4578.1 ft<sup>2</sup>

9) The minute hand of a wall clock is 5 in long. What is the maximum area it can cover? Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

Area = **19.6** in<sup>2</sup>

