

Name : _____

Surface Area - Sphere & Hemisphere

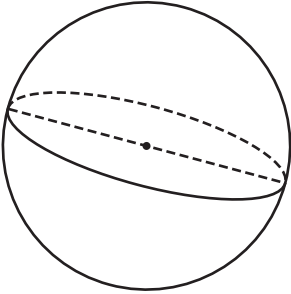
Sheet 3

Find the indicated measure. (use $\pi = 3.14$)

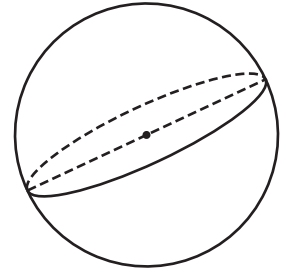
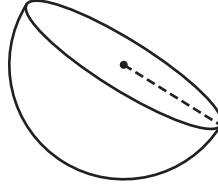
1) Surface Area = 254.34 yd^2

2) Surface Area = 3052.08 in^2

3) Surface Area = 28.26 ft^2



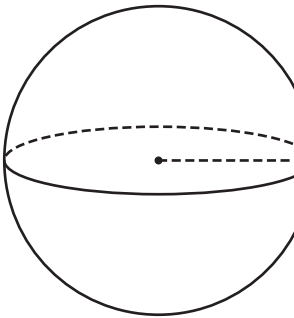
diameter = _____



diameter = _____

4) Surface Area = 5024 in^2

Surface Area = 37.68 ft^2

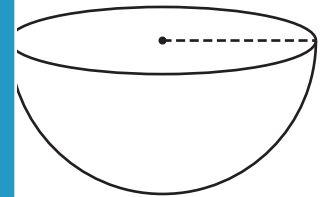


radius = _____

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radius = _____

7) The surface area of a sphere.

Surface Area = _____ sphere. (use $\pi = 3.14$)

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8) What is the radius of the sphere whose surface area is $3,629.84$ square inches? (use $\pi = 3.14$)

Name : _____

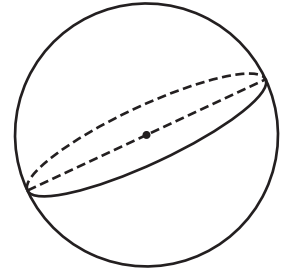
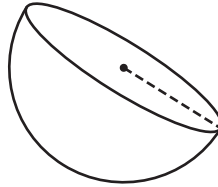
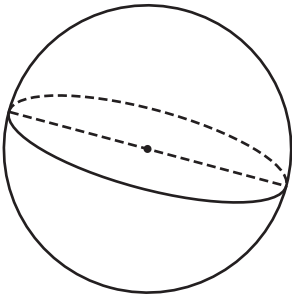
Surface Area - Sphere & Hemisphere

Find the indicated measure. (use $\pi = 3.14$)

1) Surface Area = 254.34 yd^2

2) Surface Area = 3052.08 in^2

3) Surface Area = 28.26 ft^2

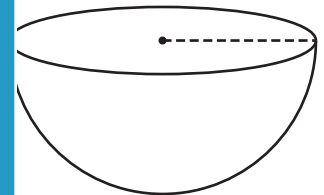
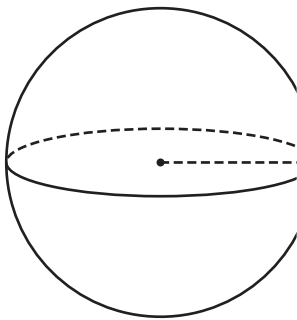


diameter = 9 yd

diameter = 3 ft

4) Surface Area = 5024 in^2

Surface Area = 37.68 ft^2



radius = 20 in

radius = 2 ft

7) The surface area of a sphere is 147.02 yd^2 .

Surface Area = 28.26 ft^2 sphere. (use $\pi = 3.14$)

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14 yards

8) What is the radius of the sphere whose surface area is $3,629.84$ square inches? (use $\pi = 3.14$)

17 inches