

Name : _____

Surface Area - Sphere & Hemisphere

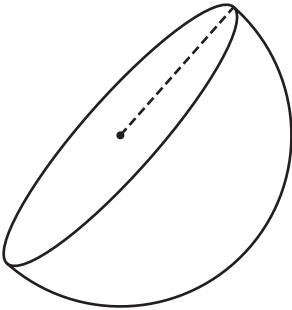
Sheet 2

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

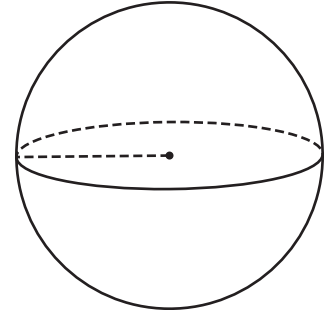
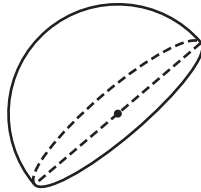
1) Surface Area = $1,139.82 \text{ yd}^2$

2) Surface Area = 84.78 in^2

3) Surface Area = 1017.36 yd^2

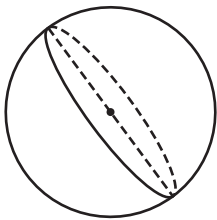


radius = _____



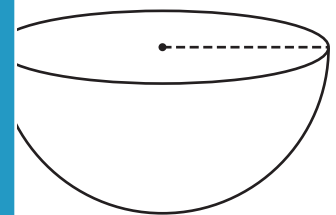
radius = _____

4) Surface Area = 78.5 ft^2



diameter = _____

Surface Area = 150.72 ft^2



radius = _____

7) Find the diameter of the

radius. (use $\pi = 3.14$)

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8) The surface area of a sphere is $3,215.36$ square feet. Find the radius of the sphere. (use $\pi = 3.14$)

Name : _____

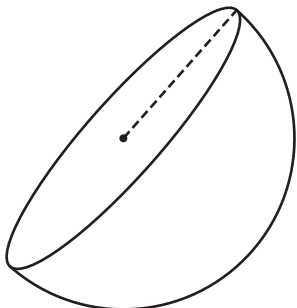
Surface Area - Sphere & Hemisphere

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

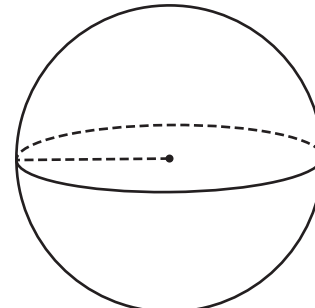
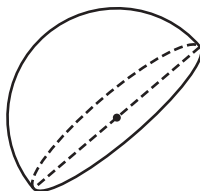
1) Surface Area = 1,139.82 yd²

2) Surface Area = 84.78 in²

3) Surface Area = 1017.36 yd²

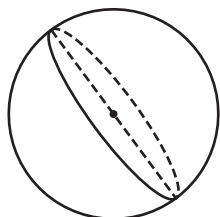


radius = 11 yd



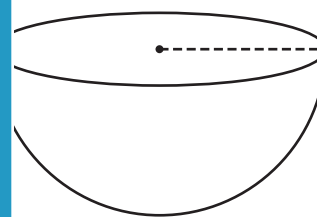
radius = 9 yd

4) Surface Area = 78.5 ft²



diameter = 5 ft

Surface Area = 150.72 ft²



radius = 4 ft

7) Find the diameter of the

radius. (use $\pi = 3.14$)

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16 yards

8) The surface area of a sphere is 3,215.36 square feet. Find the radius of the sphere. (use $\pi = 3.14$)

16 feet