

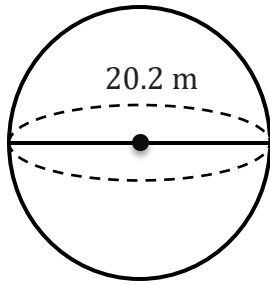
Surface Area of a Sphere

Name: _____

Date: _____

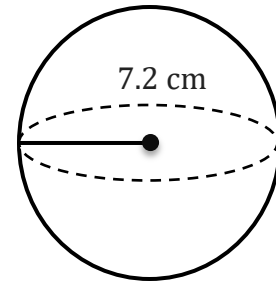
To find the surface area of a sphere ($A = 4\pi r^2$).

1)



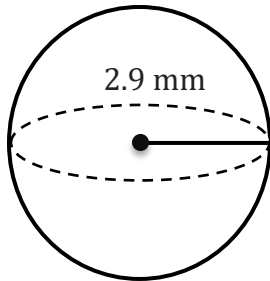
A=

2)



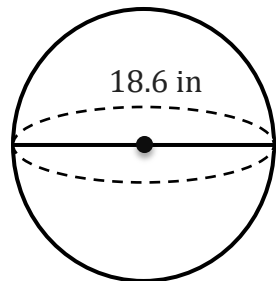
A=

3)



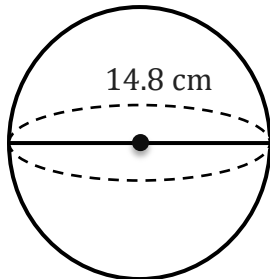
A=

4)



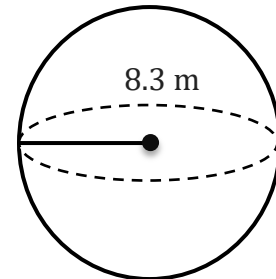
A=

5)



A=

6)



A=

7) Calculate the surface area of a sphere if the diameter is 22.4 mm.

8) If the radius of a cylinder is 15.2 m then find the surface area of a sphere?

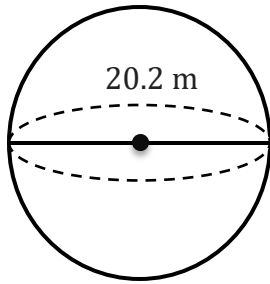
Surface Area of a Sphere

Name: _____

Date: _____

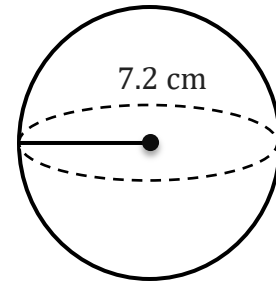
To find the surface area of a sphere ($A = 4\pi r^2$).

1)



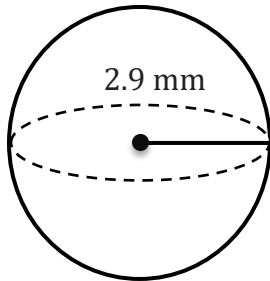
$$A = 1281.9 \text{ m}^2$$

2)



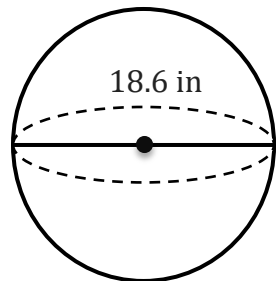
$$A = 651.44 \text{ cm}^2$$

3)



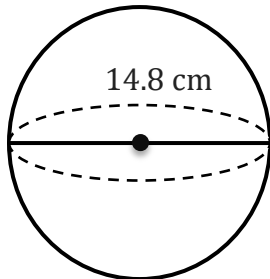
$$A = 105.68 \text{ mm}^2$$

4)



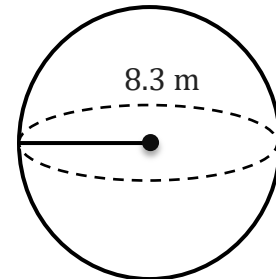
$$A = 1086.87 \text{ in}^2$$

5)



$$A = 688.13 \text{ cm}^2$$

6)



$$A = 865.7 \text{ m}^2$$

7) Calculate the surface area of a sphere if the diameter is 22.4 mm.

$$1576.33 \text{ mm}^2$$

8) If the radius of a cylinder is 15.2 m then find the surface area of a sphere?

$$2903.33 \text{ m}^2$$