

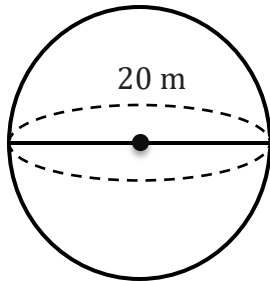
Surface Area of a Sphere

Name: _____

Date: _____

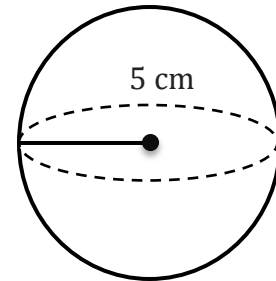
To find the surface area of a sphere ($A = 4\pi r^2$).

1)



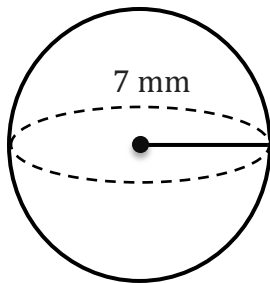
A=

2)



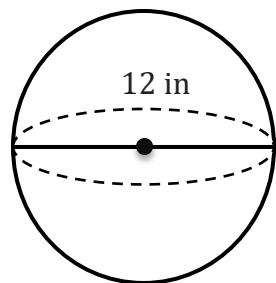
A=

3)



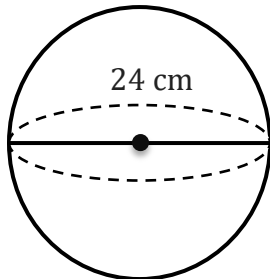
A=

4)



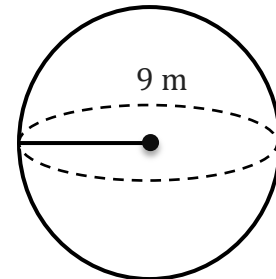
A=

5)



A=

6)



A=

7) Calculate the surface area of a sphere if the radius is 8 in.

8) If the diameter of a cylinder is 22 mm then find the surface area of a sphere?

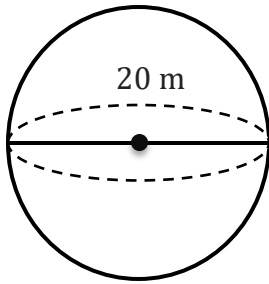
Surface Area of a Sphere

Name: _____

Date: _____

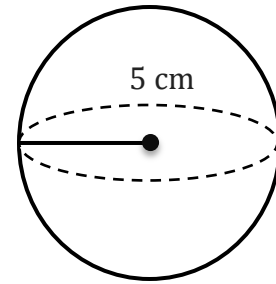
To find the surface area of a sphere ($A = 4\pi r^2$).

1)



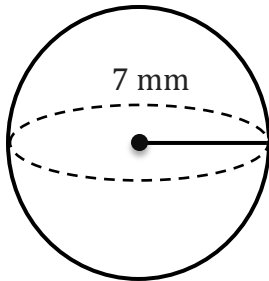
$$A = 1256.64 \text{ m}^2$$

2)



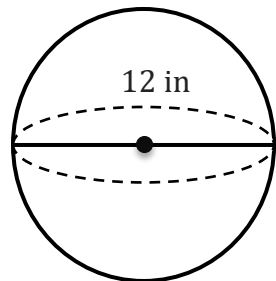
$$A = 314.16 \text{ cm}^2$$

3)



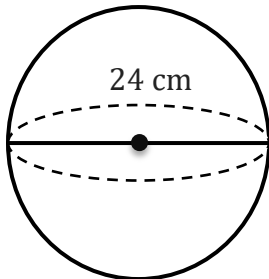
$$A = 615.75 \text{ mm}^2$$

4)



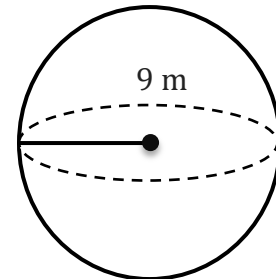
$$A = 452.39 \text{ in}^2$$

5)



$$A = 1809.56 \text{ cm}^2$$

6)



$$A = 1017.88 \text{ m}^2$$

7) Calculate the surface area of a sphere if the radius is 8 in.

$$804.25 \text{ in}^2$$

8) If the diameter of a cylinder is 22 mm then find the surface area of a sphere?

$$1520.53 \text{ mm}^2$$