

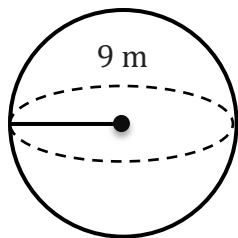
Surface Area & Volume of a Sphere

Name: _____

Date: _____

To find the surface area and volume of a sphere ($A=4\pi r^2$, $V=\frac{4}{3}\pi r^3$).

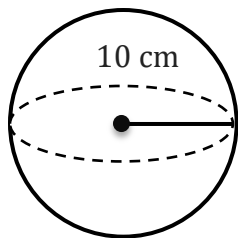
1)



A=

V=

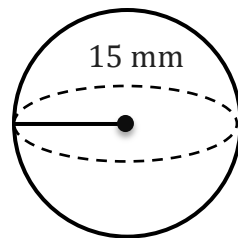
2)



A=

V=

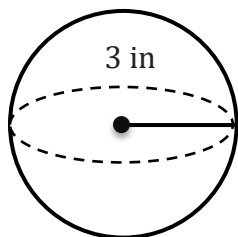
3)



A=

V=

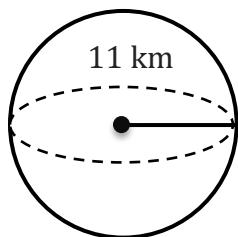
4)



A=

V=

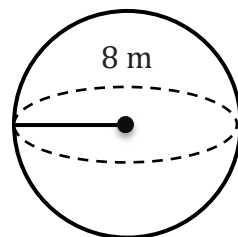
5)



A=

V=

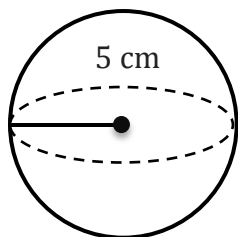
6)



A=

V=

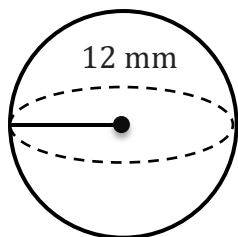
7)



A=

V=

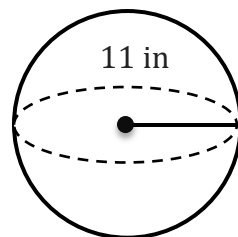
8)



A=

V=

9)



A=

V=

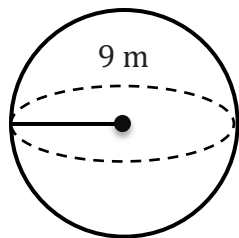
Surface Area & Volume of a Sphere

Name: _____

Date: _____

To find the surface area and volume of a sphere ($A=4\pi r^2$, $V=\frac{4}{3}\pi r^3$).

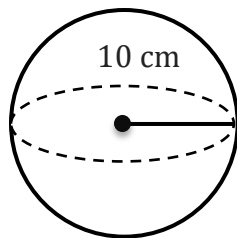
1)



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

$$V = 3053.63 \text{ m}^3$$

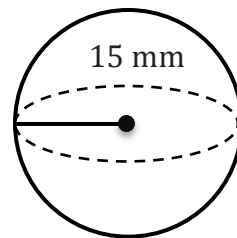
2)



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

$$V = 4188.79 \text{ cm}^3$$

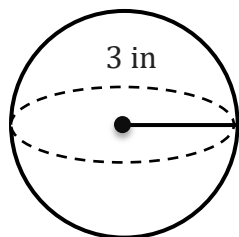
3)



$$A = 2827.43 \text{ mm}^2$$

$$V = 14137.17 \text{ mm}^3$$

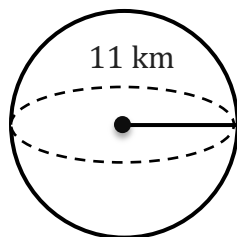
4)



$$A = 113.1 \text{ in}^2$$

$$V = 113.1 \text{ in}^3$$

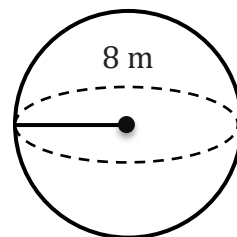
5)



$$A = 1520.53 \text{ km}^2$$

$$V = 5575.28 \text{ km}^3$$

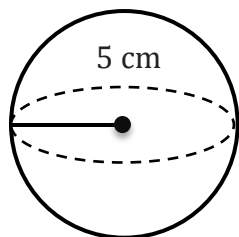
6)



$$A = 804.25 \text{ m}^2$$

$$V = 2144.66 \text{ m}^3$$

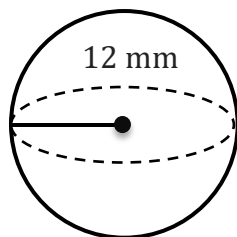
7)



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

$$V = 523.6 \text{ cm}^3$$

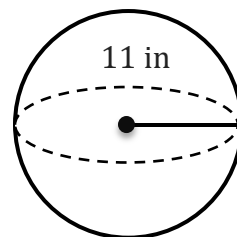
8)



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

$$V = 7238.23 \text{ mm}^3$$

9)



$$A = 1520.53 \text{ in}^2$$

$$V = 5575.28 \text{ in}^3$$