

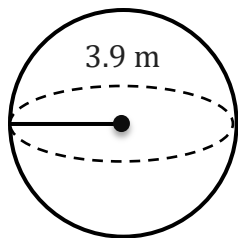
Surface Area & Volume of a Sphere

Name: _____

Date: _____

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

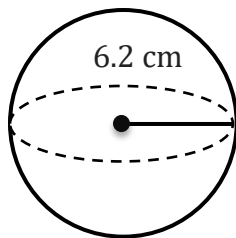
1)



A=

V=

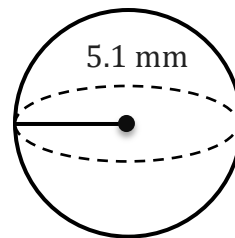
2)



A=

V=

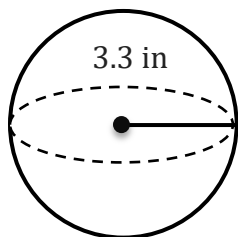
3)



A=

V=

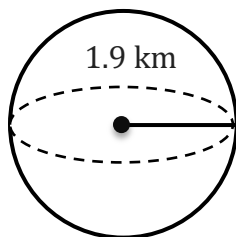
4)



A=

V=

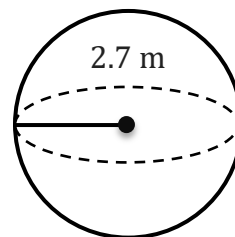
5)



A=

V=

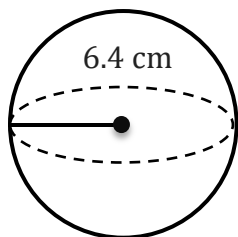
6)



A=

V=

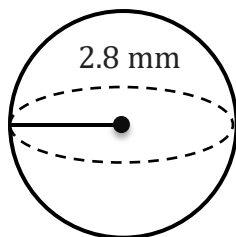
7)



A=

V=

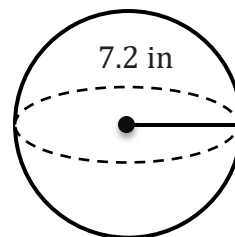
8)



A=

V=

9)



A=

V=

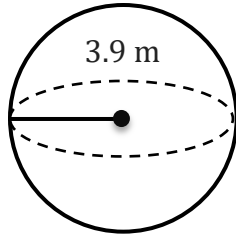
Surface Area & Volume of a Sphere

Name: _____

Date: _____

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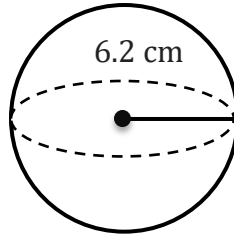
1)



$$A= 191.13 \text{ m}^2$$

$$V= 248.47 \text{ m}^3$$

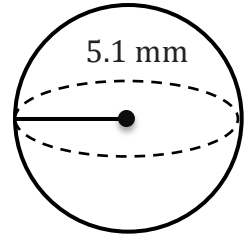
2)



$$A= 483.05 \text{ cm}^2$$

$$V= 998.31 \text{ cm}^3$$

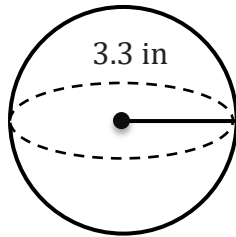
3)



$$A= 326.85 \text{ mm}^2$$

$$V= 555.65 \text{ mm}^3$$

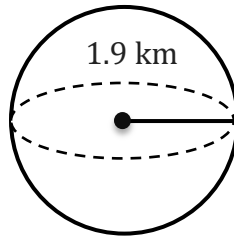
4)



$$A= 136.85 \text{ in}^2$$

$$V= 150.53 \text{ in}^3$$

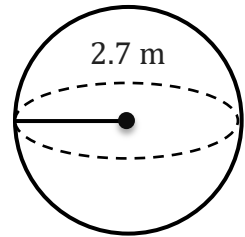
5)



$$A= 45.36 \text{ km}^2$$

$$V= 28.73 \text{ km}^3$$

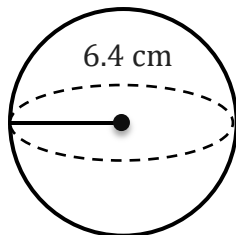
6)



$$A= 91.61 \text{ m}^2$$

$$V= 82.45 \text{ m}^3$$

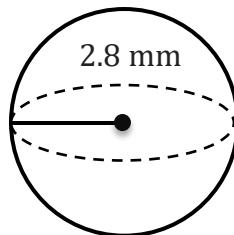
7)



$$A= 514.72 \text{ cm}^2$$

$$V= 1098.07 \text{ cm}^3$$

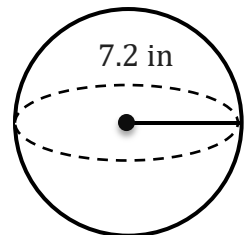
8)



$$A= 98.52 \text{ mm}^2$$

$$V= 91.95 \text{ mm}^3$$

9)



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

$$V= 1563.46 \text{ in}^3$$