

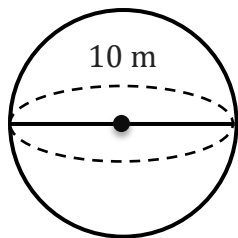
# Surface Area & Volume of a Sphere

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

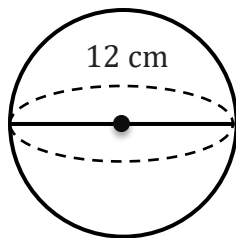
1)



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

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

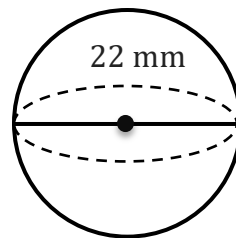
2)



$$A=$$

$$V=$$

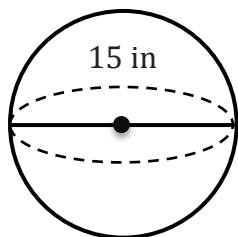
3)



$$A=$$

$$V=$$

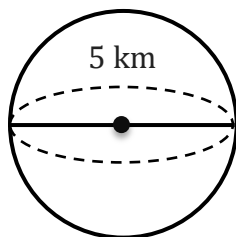
4)



$$A=$$

$$V=$$

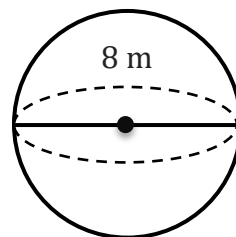
5)



$$A=$$

$$V=$$

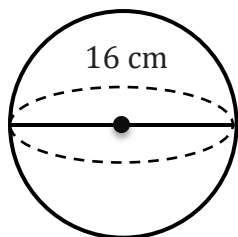
6)



$$A=$$

$$V=$$

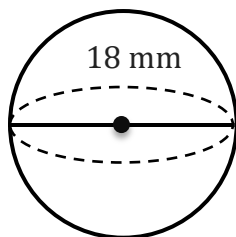
7)



$$A=$$

$$V=$$

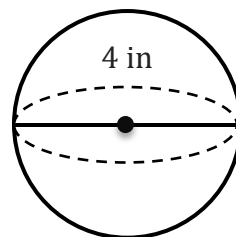
8)



$$A=$$

$$V=$$

9)



$$A=$$

$$V=$$

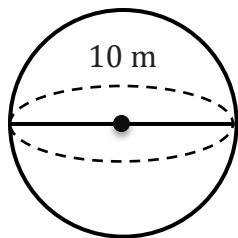
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Date: \_\_\_\_\_

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

1)



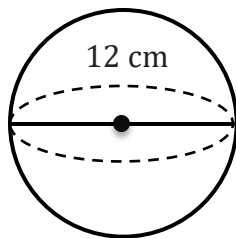
$$A = 314.16 \text{ m}^2$$

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

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2)



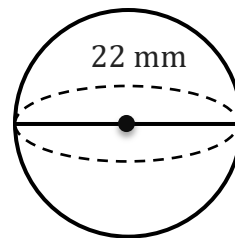
$$A = 452.39 \text{ cm}^2$$

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$$V = 904.78 \text{ cm}^3$$

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3)



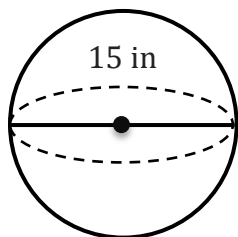
$$A = 1520.53 \text{ mm}^2$$

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

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4)



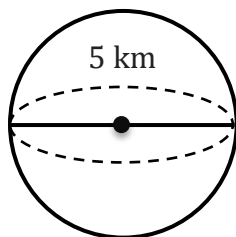
$$A = 706.86 \text{ in}^2$$

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$$V = 1767.15 \text{ in}^3$$

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5)



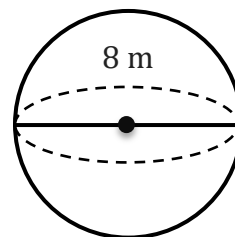
$$A = 78.54 \text{ km}^2$$

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$$V = 65.45 \text{ km}^3$$

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6)



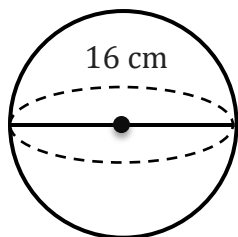
$$A = 201.06 \text{ m}^2$$

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$$V = 268.08 \text{ m}^3$$

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7)



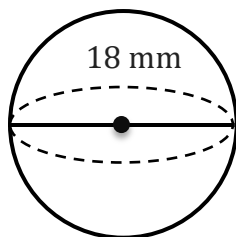
$$A = 804.25 \text{ cm}^2$$

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

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8)



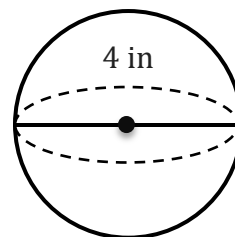
$$A = 1017.88 \text{ mm}^2$$

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

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9)



$$A = 50.27 \text{ in}^2$$

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$$V = 33.51 \text{ in}^3$$

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