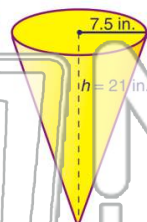




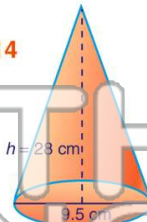
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 What is the **volume** of the cone shown?  
 $V = \frac{1}{3}\pi r^2 h$   $\pi = 3.14$



A 329.7 in.<sup>3</sup>  
 B 1,236.4 in.<sup>3</sup>  
 C 1,854.6 in.<sup>3</sup>  
 D 3,461.9 in.<sup>3</sup>

2 What is the approximate **volume** of the cone shown?  
 $V = \frac{1}{3}\pi r^2 h$   $\pi = 3.14$



A 139 cm<sup>3</sup>  
 B 264 cm<sup>3</sup>  
 C 661.23 cm<sup>3</sup>  
 D 2,645 cm<sup>3</sup>

3 If a cone has a height of **13 inches** and the base has a radius of **3 inches**. What is the **volume** of the cone?


4 If the **volume** of the ice cream cone shown is **150.72 cm<sup>3</sup>**, what is the approximate **height** of the cone without



**PREVIEW**

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7  $V = \frac{4}{3}\pi r^3$   $\pi = 3.14$

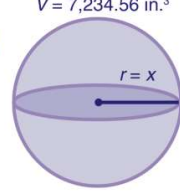


A 8,086.1 cm<sup>3</sup>  
 B 10,300.77 cm<sup>3</sup>  
 C 20,601.54 cm<sup>3</sup>  
 D 82,406.16 cm<sup>3</sup>

8  $V = \frac{4}{3}\pi r^3$   $\pi = 3.14$

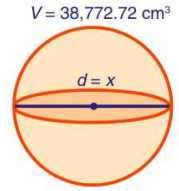
A 8,052.08 cm<sup>3</sup>  
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 C 12,208.32 cm<sup>3</sup>  
 D 24,416.64 cm<sup>3</sup>

9 If the **volume** of the sphere shown is **7,234.56 in.<sup>3</sup>**, what is the approximate **radius**?  
 $V = \frac{4}{3}\pi r^3$   $\pi = 3.14$



A 12 in.  
 B 14.5 in.  
 C 29.4 in.  
 D 41.6 in.

10 If the **volume** of a sphere is **38,772.72 cm<sup>3</sup>**, what is its approximate **diameter**?  
 $V = \frac{4}{3}\pi r^3$   $\pi = 3.14$

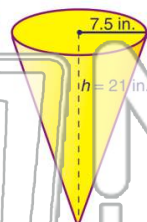


A 21 cm  
 B 33 cm  
 C 42 cm  
 D 66 cm



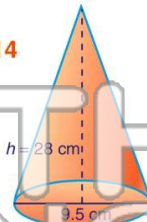
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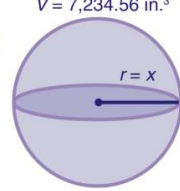


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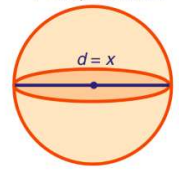
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