

Name \_\_\_\_\_

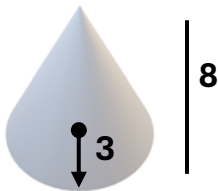
## Volume of Cones

A **cone** is a 3D shape with a **circular base** that narrows smoothly to a point at the top (the **vertex**). To find how much space it takes up - its **volume** - we use

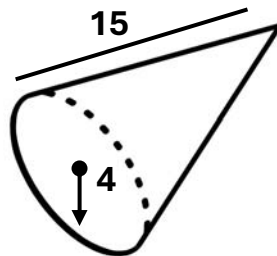
the formula:  $\text{Volume} = \frac{1}{3}\pi r^2 h$

Where:  $r$  = radius of the base,  $h$  = height of the cone,  $\pi \approx 3.14$

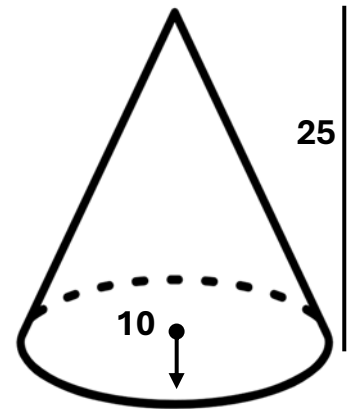
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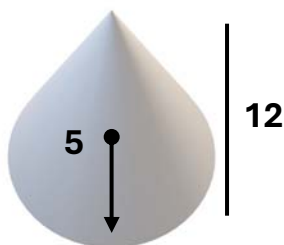
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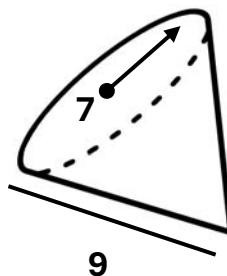
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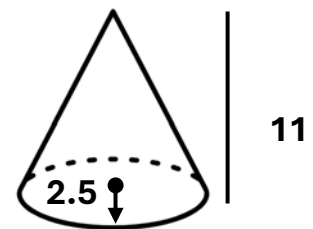
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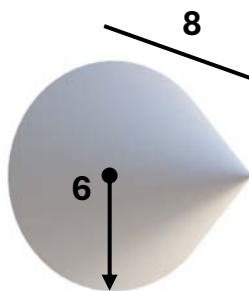
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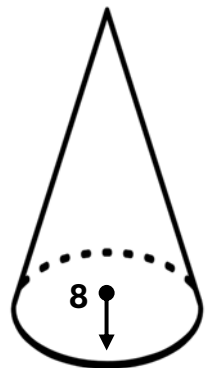
8)



3)



6)



9)

