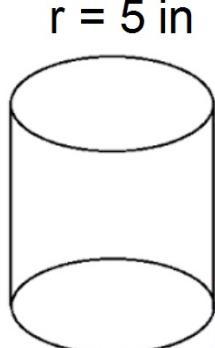


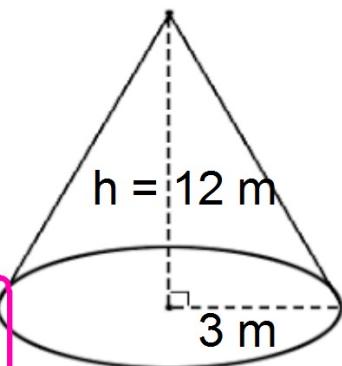
Wednesday (5/23) Bellwork:

1.) Find the volume of the cylinder.



$$\begin{aligned}V &= \pi r^2 h \\&= \pi 5^2 \times 12 \\&= 25\pi \times 12 \\&= 300\pi \text{ in}^3\end{aligned}$$

2.) Find the volume of the cone.



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$$\pi r^2 = \pi 3^2$$

$$9\pi \times 12 = 108$$

$$\frac{1}{3} \times 108\pi = 36\pi$$