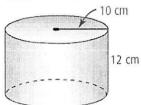
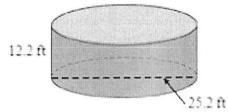
## Show All Work - Formula, Substitute, Solve with Label

$$V = \pi \bullet r^2 \bullet h$$

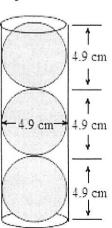
1. Find the Volume of the Following Cylinders to the nearest tenth.





2. Find the height of a cylinder with a volume of 124 cubic inches and a radius of 3inches Round to the nearest tenth.

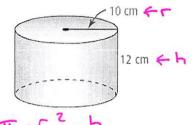
3. Toy rubber balls are packaged in a cylinder that holds 3 balls. The diameter of each ball is 4.9 cm. Find the Volume of the cylinder in terms of  $\pi$ .



## Show All Work - Formula, Substitute, Solve with Label

 $V = \pi \bullet r^2 \bullet h$ 

1. Find the Volume of the Following Cylinders to the nearest tenth.



$$\Gamma = 12.6$$

F:  $V = \pi \cdot \Gamma^2 \cdot h$ 
 $\Gamma = 12.6$ 

2. Find the height of a cylinder with a volume of 124 cubic inches and a radius of 3inches Round to the nearest tenth.

3. Toy rubber balls are packaged in a cylinder that holds 3 balls. The diameter of each ball is 4.9 cm. Find the Volume of the cylinder in terms of  $\pi$ .

$$V = \pi \cdot r^2 \cdot h$$
  
 $V = \pi \cdot (2.45)^2 \cdot (14.7)$   
 $V = 88.2 \pi \text{ cm}^3$ 

$$d = 4.9 \text{ cm}$$
 $\Gamma = 2.45 \text{ cm}$ 
 $d = 4.9 \text{ cm}$ 

