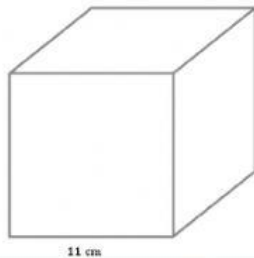


## Volume - Cubes and Cylinders

Find the volume

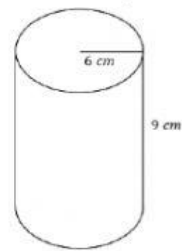
Find the volume of the cube



$$V = s^3$$

$$V = \underline{\hspace{2cm}} \quad s = \underline{\hspace{2cm}}$$

Find the volume of the cylinder

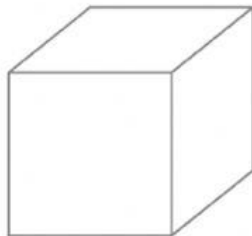


$$V = \pi r^2 h$$

$$V = \underline{\hspace{2cm}} \quad r = \underline{\hspace{2cm}} \quad h = \underline{\hspace{2cm}}$$

Solve for the unknown

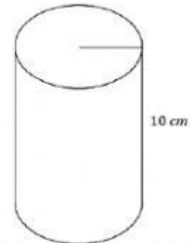
Find the side of the cube if the volume is  $125 \text{ cm}^3$



$$V = s^3$$

$$V = \underline{\hspace{2cm}} \quad s = \underline{\hspace{2cm}}$$

Find the radius of the cylinder if the volume is  $90\pi \text{ cm}^3$



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

$$V = \underline{\hspace{2cm}} \quad r = \underline{\hspace{2cm}} \quad h = \underline{\hspace{2cm}}$$