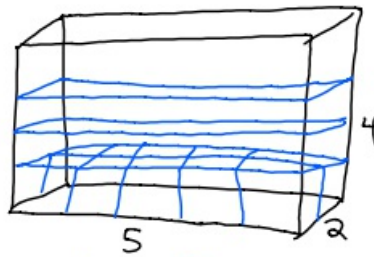
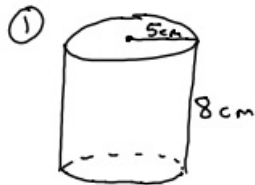


whole-hole
 $13 \cdot 10 - [36 + 8]$
 $130 - 44$
 86 cm^2



40 cm^3

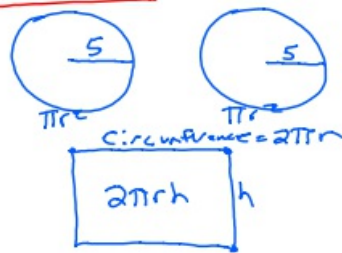


$$V = \pi r^2 \cdot h$$

$$= \pi \cdot 5^2 \cdot 8$$

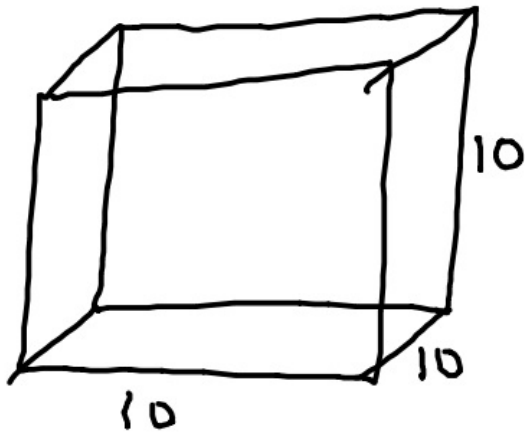
$$\approx 628.3 \text{ cm}^3$$

Surface Area



$$2\pi r^2 + 2\pi r h$$

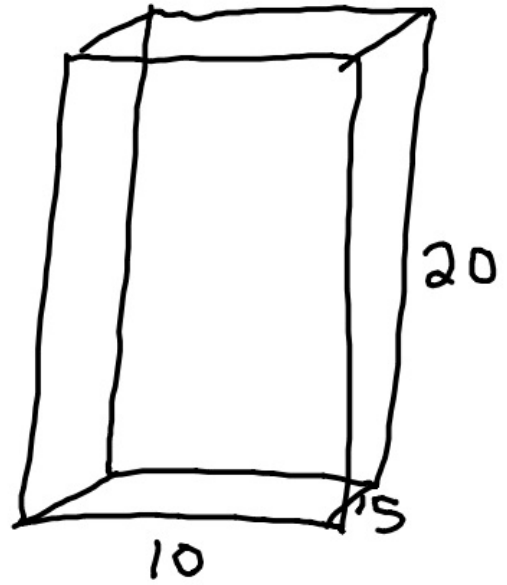
$$2\pi r (r + h)$$



Box A

$$\text{Volume} = 1000 \text{ cm}^3$$

$$\text{Surface Area} = 600 \text{ cm}^2$$

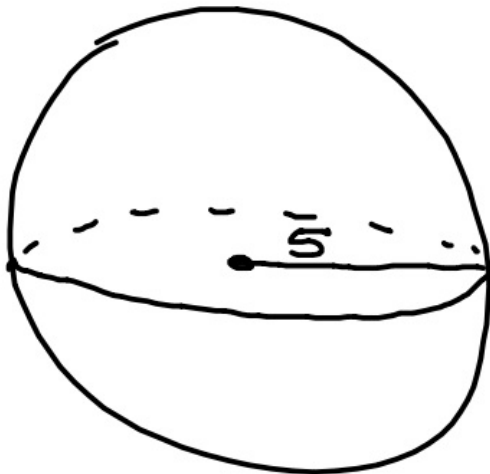


Box B

$$\text{Volume} = 1000 \text{ cm}^3$$

$$\text{Surface Area} = 700 \text{ cm}^2$$

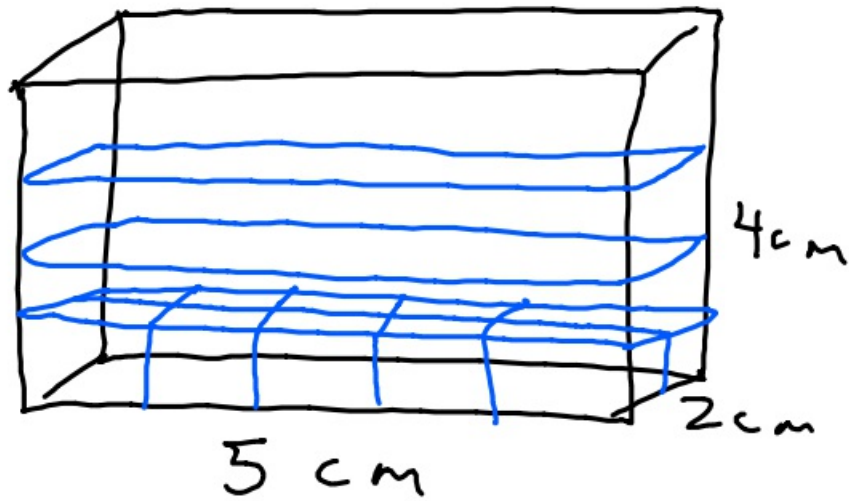
(3)



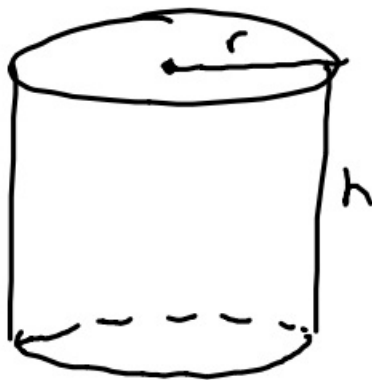
$$V = \frac{4}{3} \pi r^3$$

$$\text{S.A.} = 4 \pi r^2$$

2-25-20 7th Geo



4 layers of 10 = 40 cm³



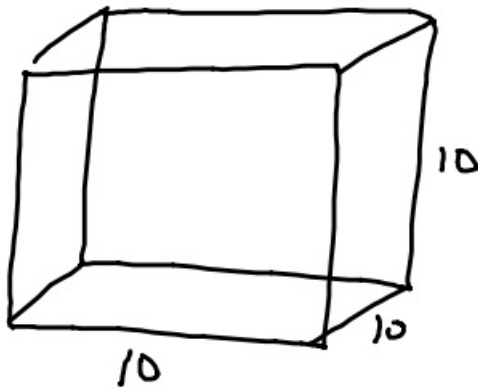
$$V = \pi r^2 \cdot h$$

Surface Area



$$2\pi r^2 + 2\pi r h$$

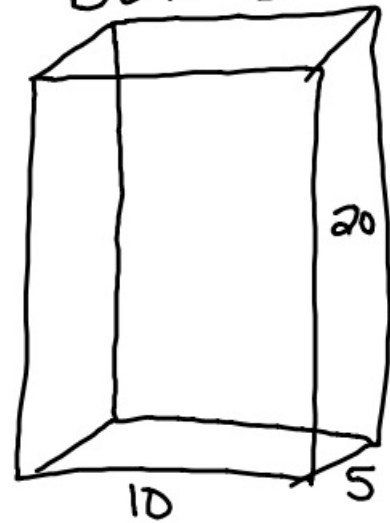
Box A



$$\text{Volume} = 1000 \text{ cm}^3$$

$$\text{Surface Area} = 600 \text{ cm}^2$$

Box B



$$\text{Volume} = 1000 \text{ cm}^3$$

$$\text{Surface Area} = 700 \text{ cm}^2$$



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

$$\text{S.A.} = 4 \cdot \pi r^2$$