

1/26/2022

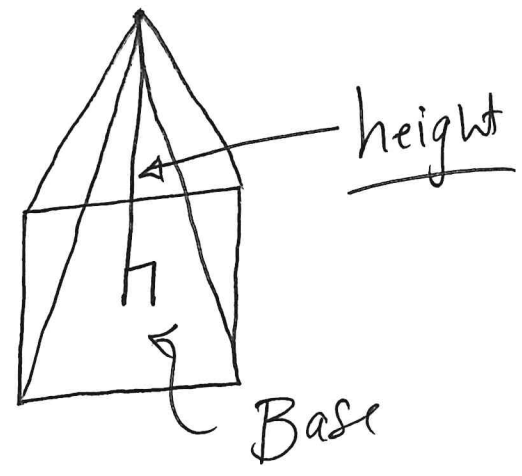
M3 Lesson 10/11

Pyramids & Cones Volumes

Square
Pyramid Volume

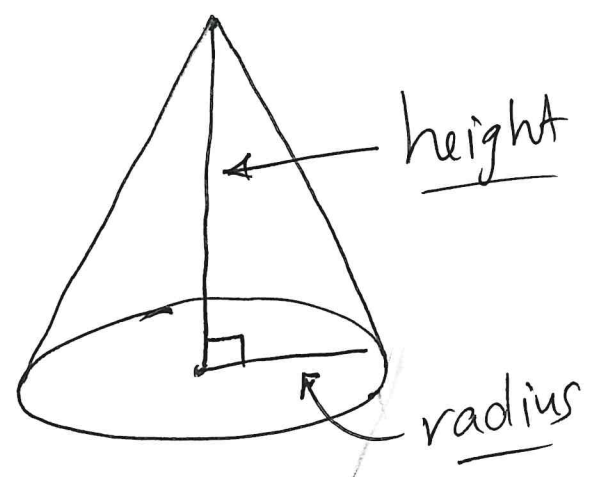
(area of base)

$$V = \frac{B \cdot h}{3}$$



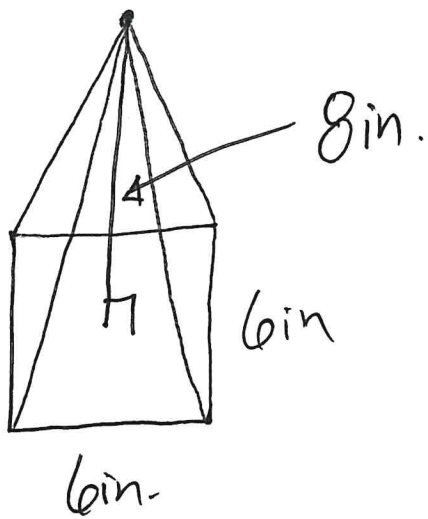
Cone Formula

$$V = \frac{\pi r^2 h}{3}$$



ie 1

Square
pyramid



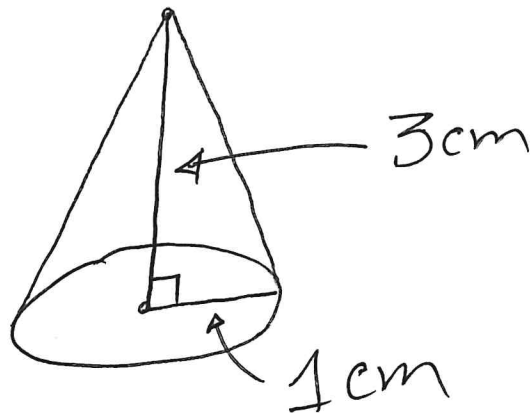
$$V = \frac{(B) \cdot h}{3}$$

$$V = \frac{(6 \cdot 6) \cdot 8}{3}$$

$$V = 96 \text{ in}^3$$

ie 1

Cone



$$V = \frac{\pi r^2 h}{3}$$

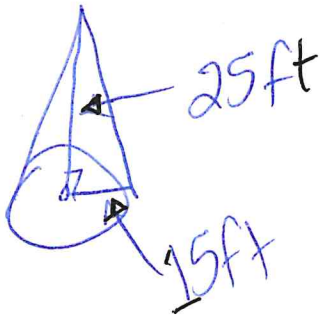
$$V = \frac{\pi (1^2) (3)}{3}$$

$$V = \frac{3\pi}{3}$$

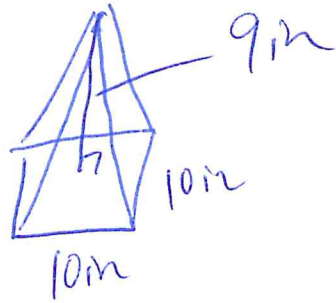
$$V = \pi \text{ in}^3$$

M3 Lesson 11
pgs 70-71 #1-4

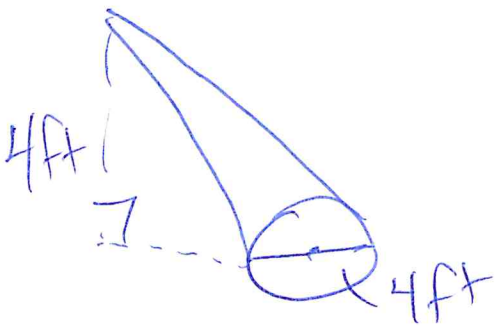
① Find Volume



② Find Volume



③ Find Volume



④ Find Volume

