

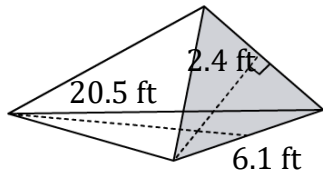
Volume of a Triangular Pyramid

Name: _____

Date: _____

Find the volume of a triangular pyramid? (A=area of a base, H= height, a= Apothem Length, s= Side Length, sl= Slant height), (Hint: $V = \frac{1}{3}AH$) ($A = \frac{1}{2}as$).

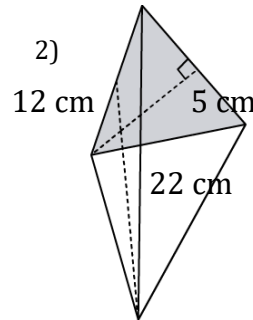
1)



$$V = \frac{1}{3}AH$$

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

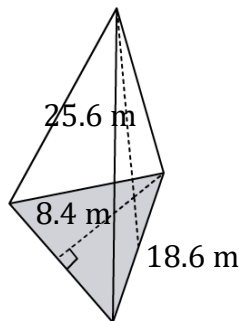
2)



$$V = \frac{1}{3}AH$$

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

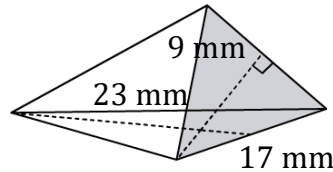
3)



$$V = \frac{1}{3}AH$$

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

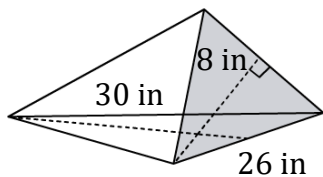
4)



$$V = \frac{1}{3}AH$$

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

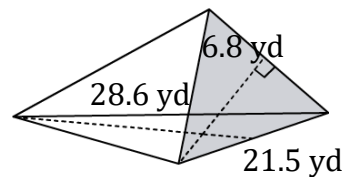
5)



$$V = \frac{1}{3}AH$$

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

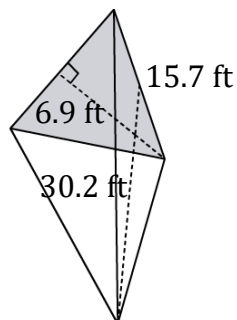
6)



$$V = \frac{1}{3}AH$$

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

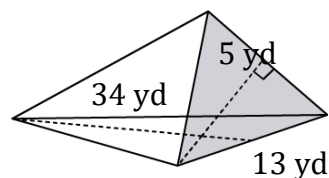
7)



$$V = \frac{1}{3}AH$$

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

8)



$$V = \frac{1}{3}AH$$

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

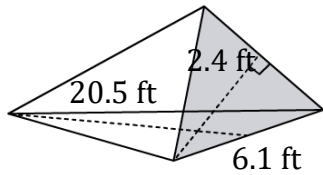
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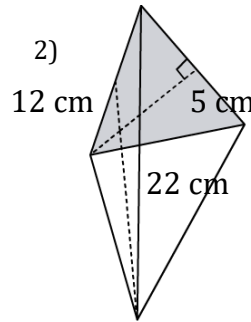
1)



$$V = \frac{1}{3}AH$$

$$V = \underline{50.020 \text{ ft}^3}$$

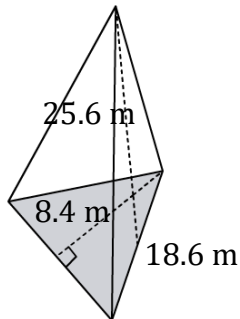
2)



$$V = \frac{1}{3}AH$$

$$V = \underline{220 \text{ cm}^3}$$

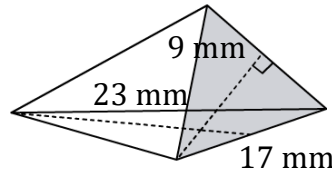
3)



$$V = \frac{1}{3}AH$$

$$V = \underline{666.624 \text{ m}^3}$$

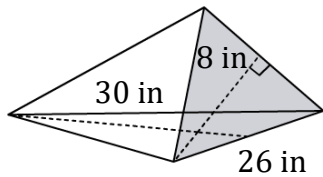
4)



$$V = \frac{1}{3}AH$$

$$V = \underline{586.5 \text{ mm}^3}$$

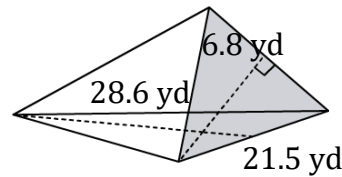
5)



$$V = \frac{1}{3}AH$$

$$V = \underline{1040 \text{ in}^3}$$

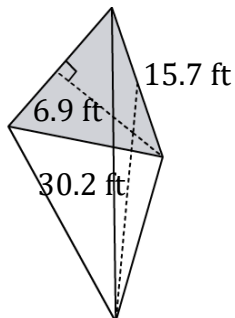
6)



$$V = \frac{1}{3}AH$$

$$V = \underline{696.887 \text{ yd}^3}$$

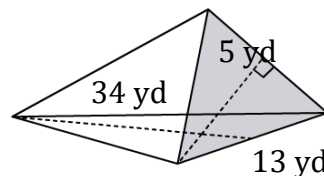
7)



$$V = \frac{1}{3}AH$$

$$V = \underline{545.261 \text{ ft}^3}$$

8)



$$V = \frac{1}{3}AH$$

$$V = \underline{368.333 \text{ yd}^3}$$