

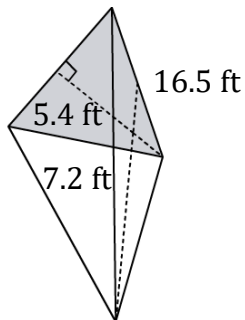
# Volume of a Triangular Pyramid

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:  $V = \frac{1}{3}AH$ ) ( $A = \frac{1}{2}as$ ).

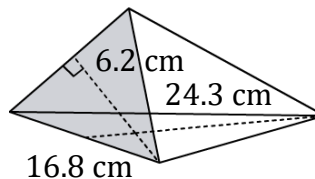
1)



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

V = \_\_\_\_\_

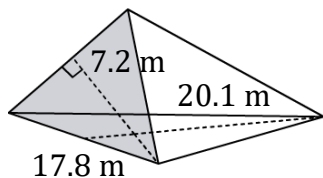
2)



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

V = \_\_\_\_\_

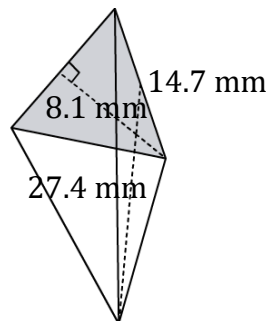
3)



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

V = \_\_\_\_\_

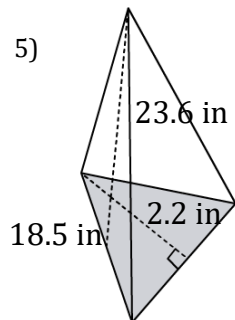
4)



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

V = \_\_\_\_\_

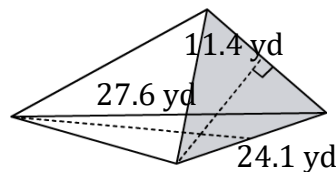
5)



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

V = \_\_\_\_\_

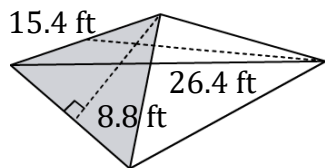
6)



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

V = \_\_\_\_\_

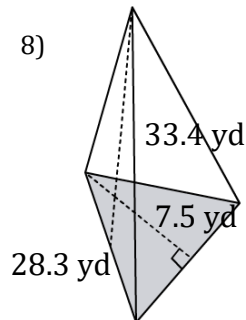
7)



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

V = \_\_\_\_\_

8)



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

V = \_\_\_\_\_

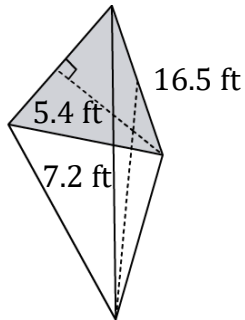
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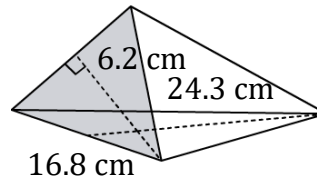
1)



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

$$V = \underline{106.92 \text{ ft}^3}$$

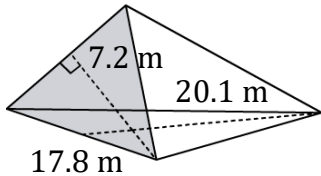
2)



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

$$V = \underline{421.848 \text{ cm}^3}$$

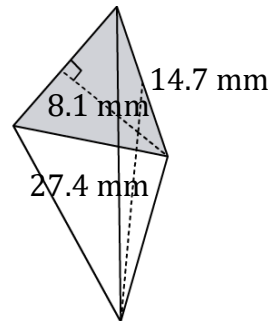
3)



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

$$V = \underline{429.336 \text{ m}^3}$$

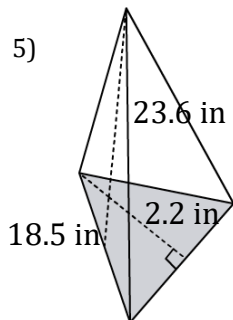
4)



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

$$V = \underline{543.753 \text{ mm}^3}$$

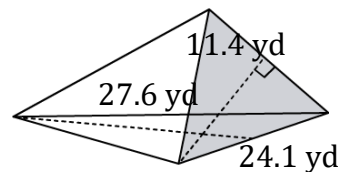
5)



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

$$V = \underline{160.087 \text{ in}^3}$$

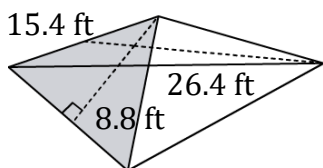
6)



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

$$V = \underline{1263.804 \text{ yd}^3}$$

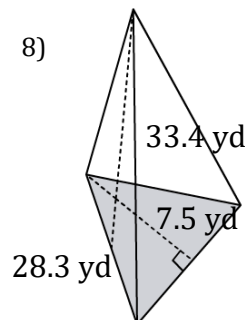
7)



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

$$V = \underline{596.288 \text{ ft}^3}$$

8)



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

$$V = \underline{1181.525 \text{ yd}^3}$$