

Volume of a Square Pyramid

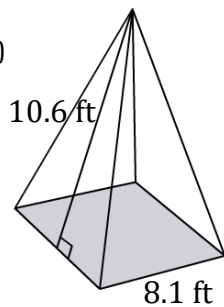
Name: _____

Date: _____

Find the volume of a square pyramid? (a=base length, h= height).

(Hint: $V = \frac{1}{3}a^2h$)

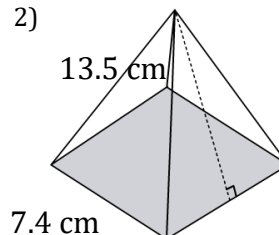
1)



$$V = \frac{1}{3}a^2h$$

V = _____

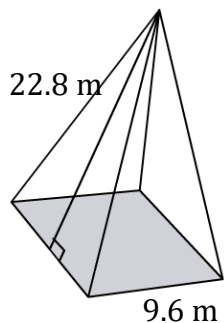
2)



$$V = \frac{1}{3}a^2h$$

V = _____

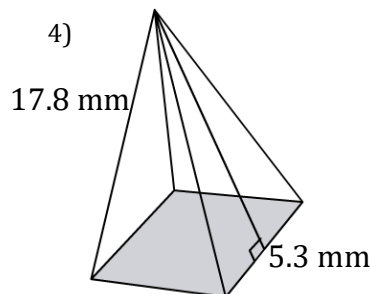
3)



$$V = \frac{1}{3}a^2h$$

V = _____

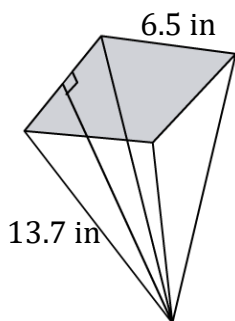
4)



$$V = \frac{1}{3}a^2h$$

V = _____

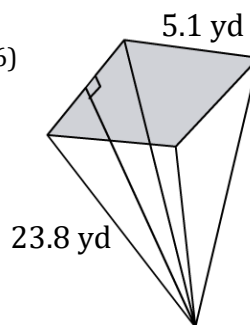
5)



$$V = \frac{1}{3}a^2h$$

V = _____

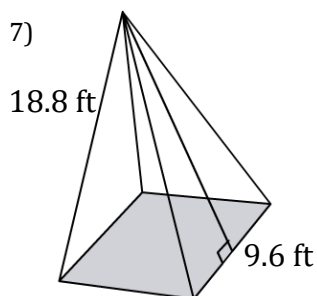
6)



$$V = \frac{1}{3}a^2h$$

V = _____

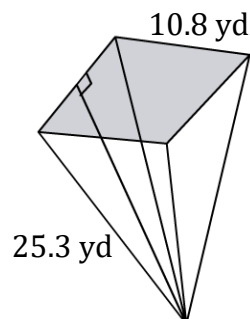
7)



$$V = \frac{1}{3}a^2h$$

V = _____

8)



$$V = \frac{1}{3}a^2h$$

V = _____

Volume of a Square Pyramid

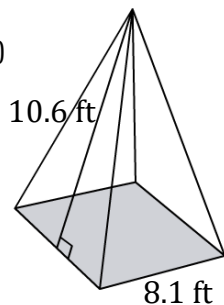
Name: _____

Date: _____

Find the volume of a square pyramid? (a=base length, h= height).

(Hint: $V = \frac{1}{3}a^2h$)

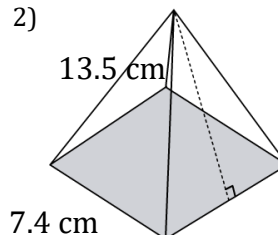
1)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{231.82 \text{ ft}^3}$$

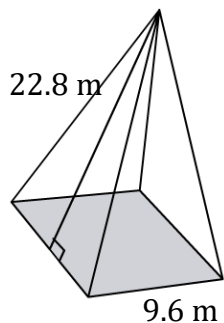
2)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{246.42 \text{ cm}^3}$$

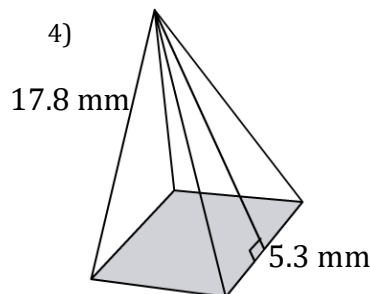
3)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{700.42 \text{ m}^3}$$

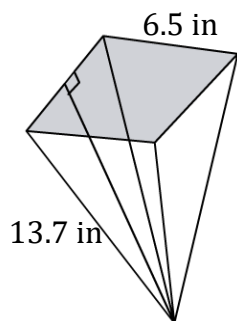
4)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{166.67 \text{ mm}^3}$$

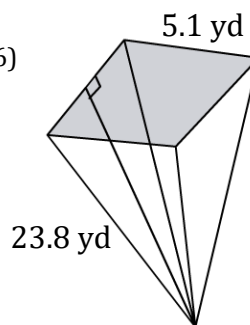
5)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{192.94 \text{ in}^3}$$

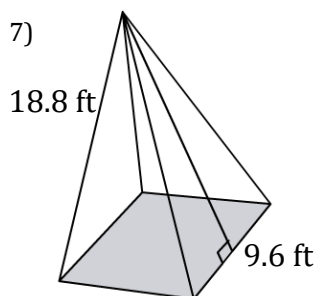
6)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{206.35 \text{ yd}^3}$$

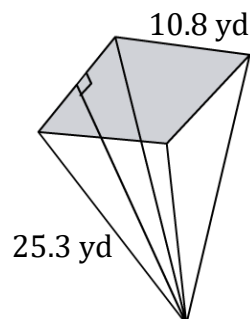
7)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{577.54 \text{ ft}^3}$$

8)



$$V = \frac{1}{3}a^2h$$

$$V = \underline{983.66 \text{ yd}^3}$$