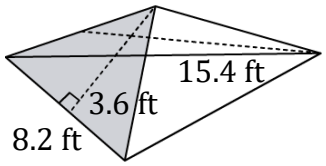
Volume of a Triangular Pyramid

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

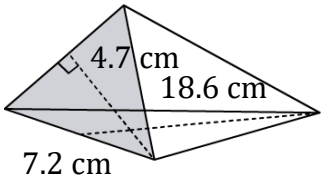
1)



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

V = _____

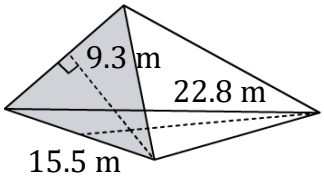
2)



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

V = _____

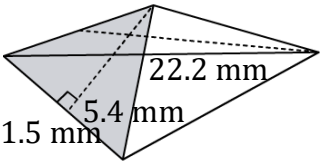
3)



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

V = _____

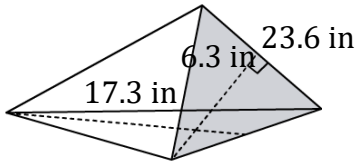
4)



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

V = _____

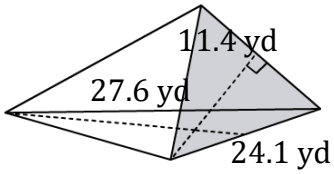
5)



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

V = _____

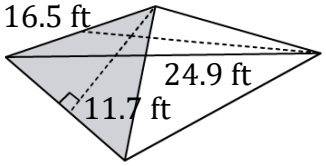
6)



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

V = _____

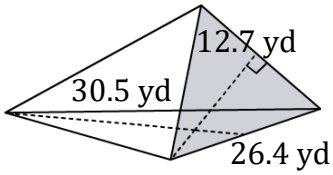
7)



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

V = _____

8)



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

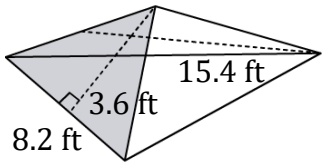
V = _____

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

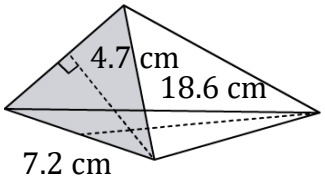
1)



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

$V =$ 75.768 ft^3

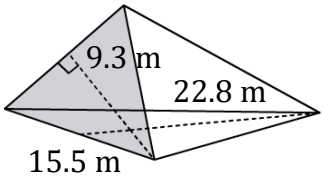
2)



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

$V =$ 104.904 cm^3

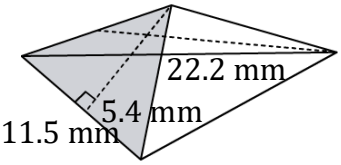
3)



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

$V =$ 547.770 m^3

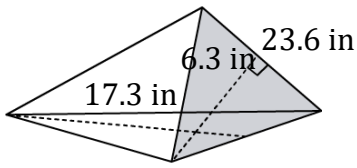
4)



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

$V =$ 229.770 mm^3

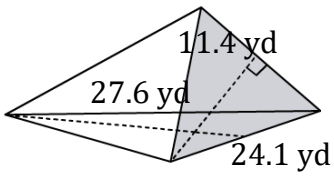
5)



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

$V =$ 428.694 in^3

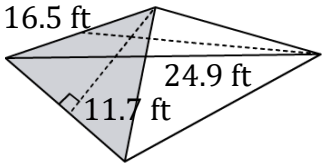
6)



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

$V =$ 1263.804 yd^3

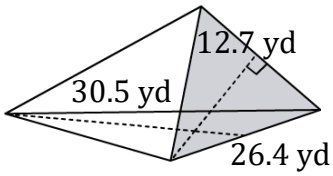
7)



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

$V =$ 801.157 ft^3

8)



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

$V =$ 1704.340 yd^3