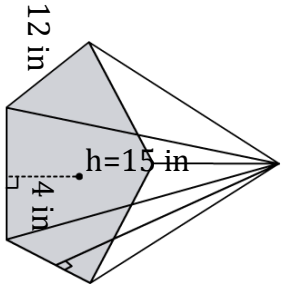
Volume of a Pentagonal Pyramid

Name:_____ Date:_____

Find the volume of a pentagonal pyramid? (a=apothem, b=breadth, h= height).

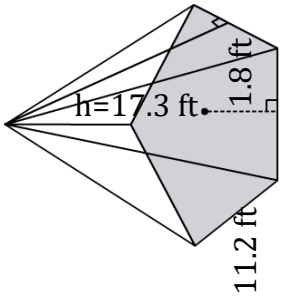
1)



$V = \frac{5}{6}abh$

V = _____

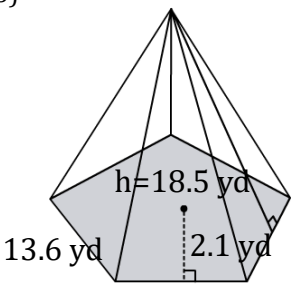
2)



$V = \frac{5}{6}abh$

V = _____

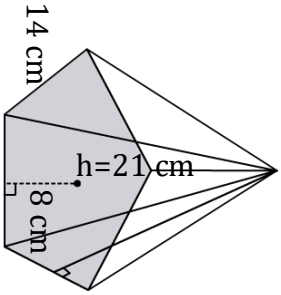
3)



$V = \frac{5}{6}abh$

V = _____

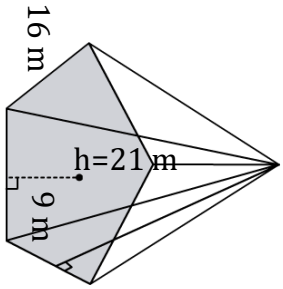
4)



$V = \frac{5}{6}abh$

V = _____

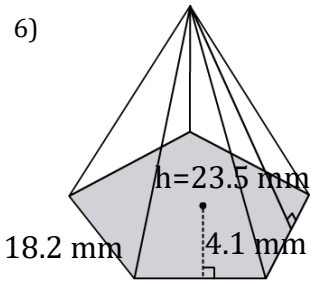
5)



$V = \frac{5}{6}abh$

V = _____

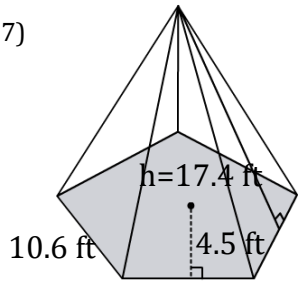
6)



$V = \frac{5}{6}abh$

V = _____

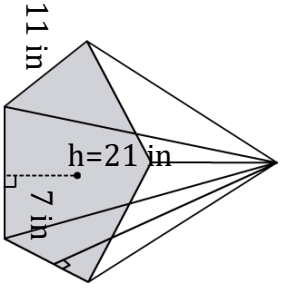
7)



$V = \frac{5}{6}abh$

V = _____

8)



$V = \frac{5}{6}abh$

V = _____

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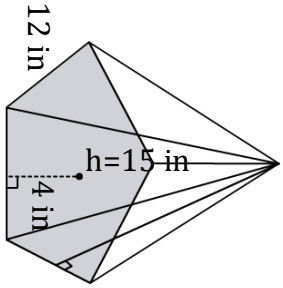
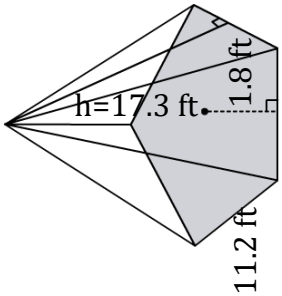
1)



$V = \frac{5}{6}abh$

V = 600 in^3

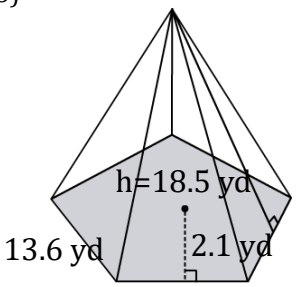
2)



$V = \frac{5}{6}abh$

V = 290.64 ft^3

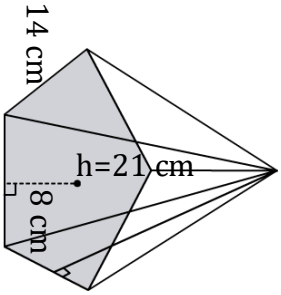
3)



$V = \frac{5}{6}abh$

V = 440.3 yd^3

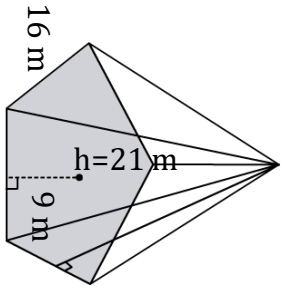
4)



$V = \frac{5}{6}abh$

V = 1960 cm^3

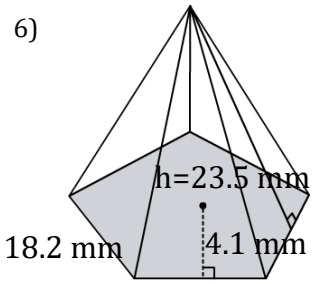
5)



$V = \frac{5}{6}abh$

V = 2520 m^3

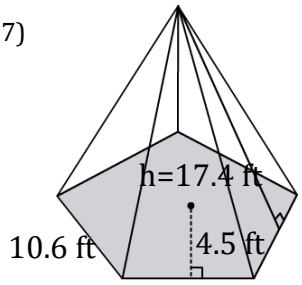
6)



$V = \frac{5}{6}abh$

V = 1461.308 mm^3

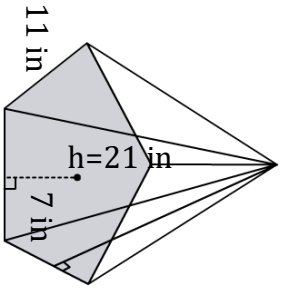
7)



$V = \frac{5}{6}abh$

V = 691.65 ft^3

8)



$V = \frac{5}{6}abh$

V = 1347.5 in^3