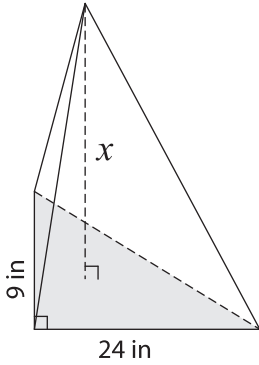


# Volume - Triangular Pyramid

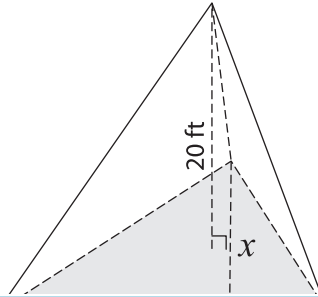
Find the value of  $x$ .

1) Volume =  $936 \text{ in}^3$

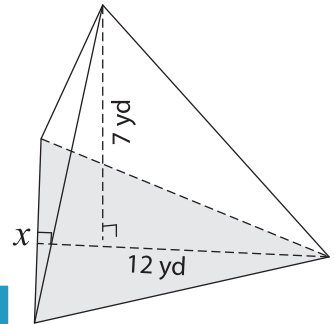


$x =$  \_\_\_\_\_

2) Volume =  $1,700 \text{ ft}^3$

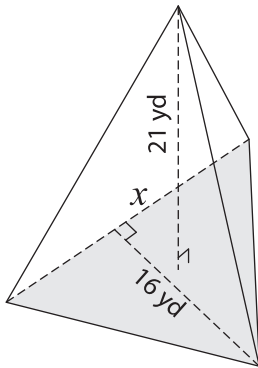


3) Volume =  $70 \text{ yd}^3$



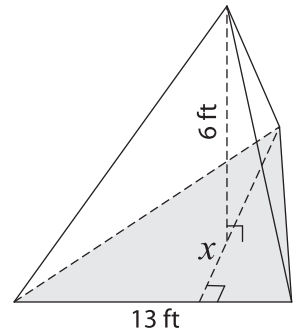
$x =$  \_\_\_\_\_

4) Volume =  $1,288 \text{ yd}^3$



$x =$  \_\_\_\_\_

Volume =  $182 \text{ ft}^3$



$x =$  \_\_\_\_\_

7) The base of a pyramid is a right-angled triangle with a base of 12 yd and a height of 8 yd. Find the volume of the pyramid, if its volume is 288  $\text{yd}^3$ .

\_\_\_\_\_

8) The height of a triangular pyramid is 10 yards and the volume is 120 cubic yards. If the height of the base triangle of the pyramid is 9 yards, determine its base.

\_\_\_\_\_

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