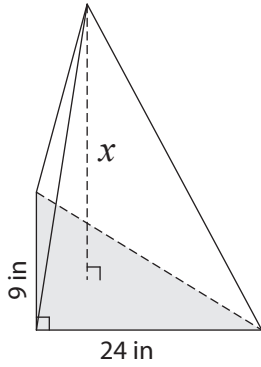


Volume - Triangular Pyramid

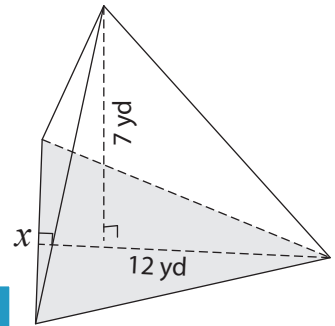
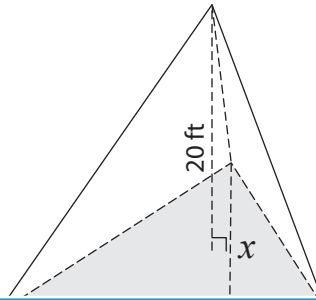
Find the value of x .

1) Volume = 936 in^3



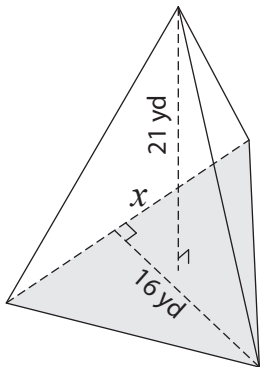
$x =$ _____

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



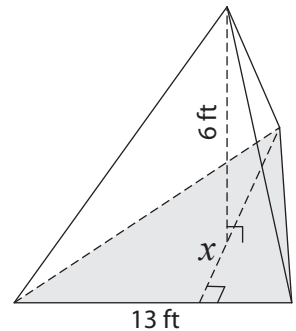
$x =$ _____

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



$x =$ _____

Volume = 182 ft^3



$x =$ _____

7) The base of a pyramid is a right-angled triangle with legs of 12 yd and 16 yd. Find the height of the pyramid, if its volume is $1,288 \text{ yd}^3$.

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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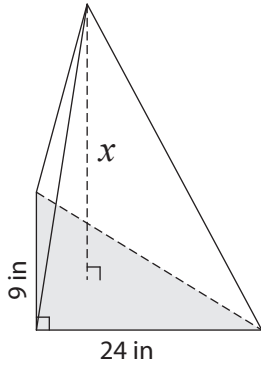
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Volume - Triangular Pyramid

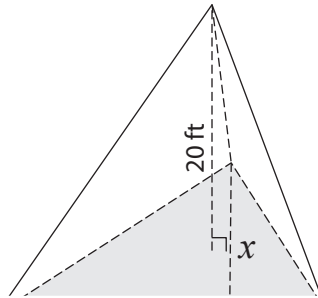
Find the value of x .

1) Volume = 936 in^3

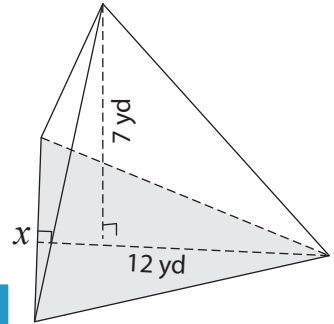


$x =$ 26 in

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

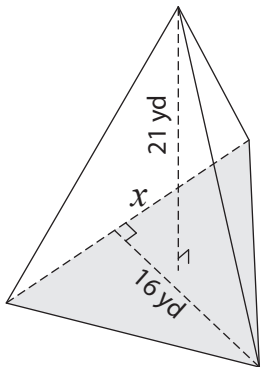


3) Volume = 70 yd^3



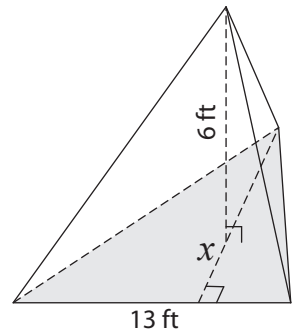
$x =$ 5 yd

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



$x =$ 23 yd

Volume = 182 ft^3



$x =$ 14 ft

7) The base of a pyramid is a square with a side length of 24 inches. Find the height of the pyramid, if its volume is $2,880 \text{ in}^3$.

24 inches

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.

8 yards

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