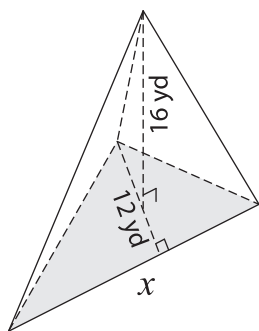


# Volume - Triangular Pyramid

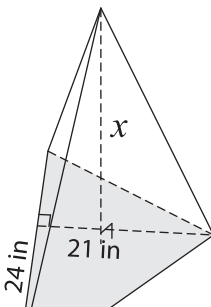
Find the value of  $x$ .

1) Volume =  $672 \text{ yd}^3$

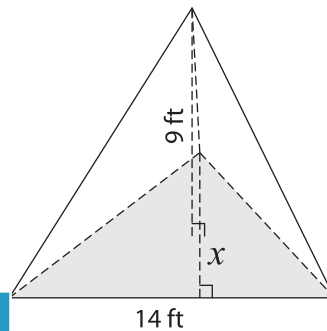


$x =$  \_\_\_\_\_

2) Volume =  $2,268 \text{ in}^3$

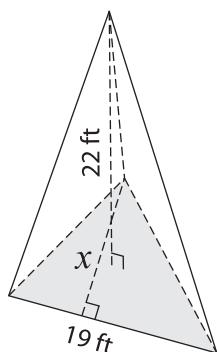


3) Volume =  $126 \text{ ft}^3$



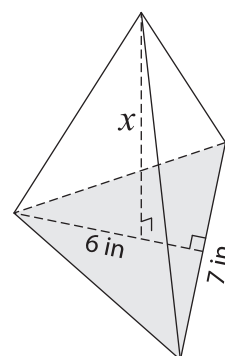
$x =$  \_\_\_\_\_

4) Volume =  $1,045 \text{ ft}^3$



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

Volume =  $49 \text{ in}^3$



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

7) The volume of a triangular pyramid is  $1,029 \text{ ft}^3$ . The base of the pyramid is a right-angled triangle with legs of 14 ft and 21 ft. Find the height of the pyramid.

\_\_\_\_\_

8) The base of a pyramid is a right angle triangle with legs measuring 3 feet and 12 feet. The volume of the triangular pyramid is 108 cubic feet, determine its height.

\_\_\_\_\_

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