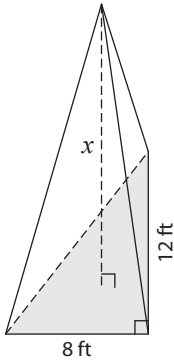


Volume - Pyramids

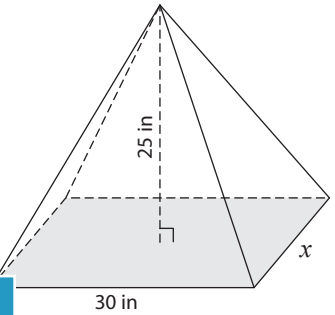
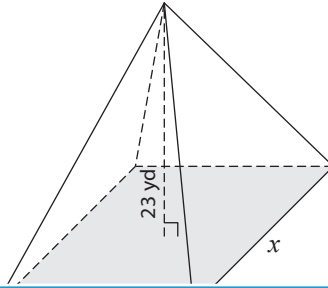
Find the value of x .

1) Volume = 304 ft^3



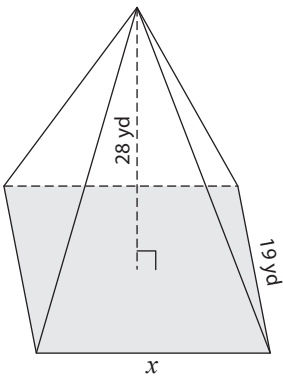
$x =$ _____

2) Volume = $1,725 \text{ yd}^3$



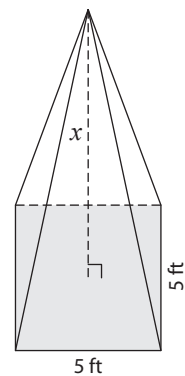
$x =$ _____

4) Volume = $4,788 \text{ yd}^3$



$x =$ _____

Volume = 150 ft^3



$x =$ _____

7) The base of a pyramid is a square with a side length of x . Find the height of the pyramid, if the volume is $1,000 \text{ ft}^3$.

Find the slant height of the pyramid, if the height is 10 ft .

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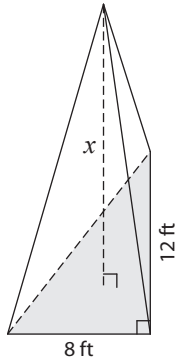
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8) A rectangular pyramid has a length of 21 feet and a width of 18 feet. Find the height of the pyramid, if its volume is 2,898 cubic feet.

Volume - Pyramids

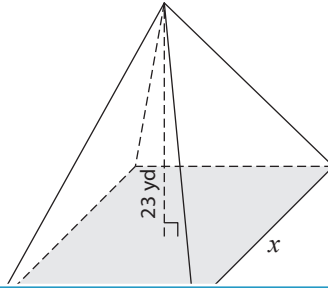
Find the value of x .

1) Volume = 304 ft^3

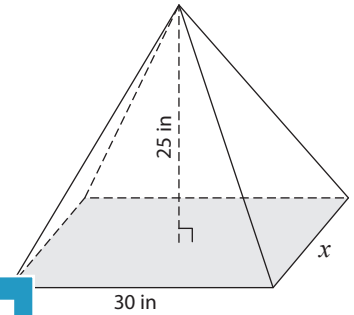


$x =$ 19 ft

2) Volume = $1,725 \text{ yd}^3$

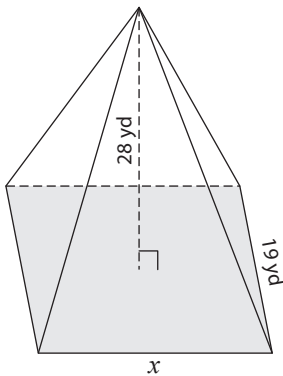


3) Volume = $5,000 \text{ in}^3$



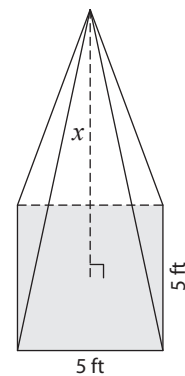
$x =$ 20 in

4) Volume = $4,788 \text{ yd}^3$



$x =$ 27 yd

Volume = 150 ft^3



$x =$ 18 ft

7) The base of a pyramid is a square with a side length of x . The volume is 343 in^3 . Find the side length of the triangle, if the volume is 343 in^3 .

7 inches

8) A rectangular pyramid has a length of 21 feet and a width of 18 feet. Find the height of the pyramid, if its volume is 2,898 cubic feet.

23 feet

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