

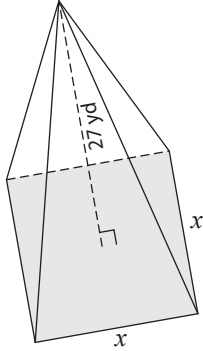
Name : _____

Volume - Pyramids

Sheet 3

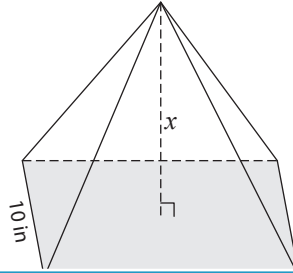
Find the value of x .

1) Volume = $4,356 \text{ yd}^3$



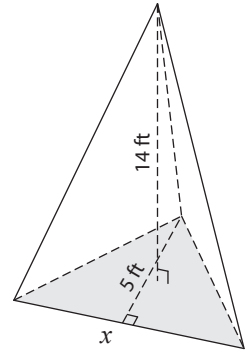
$x =$ _____

2) Volume = 680 in^3

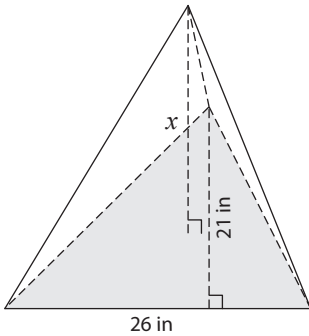


$x =$ _____

3) Volume = 105 ft^3

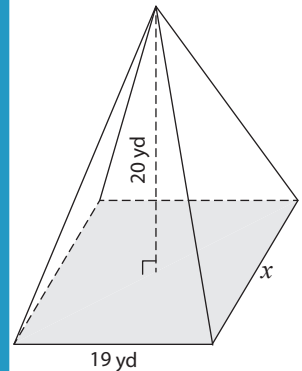


4) Volume = $2,002 \text{ in}^3$



$x =$ _____

Volume = $1,900 \text{ yd}^3$



$x =$ _____

7) The width and height of a rectangular pyramid are 12 in and 15 in, respectively. Find the length of the base.

8) The volume of a square pyramid is 768 cubic inches. If the side length of the base square is 12 inches, determine the height of the pyramid.

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Name : _____

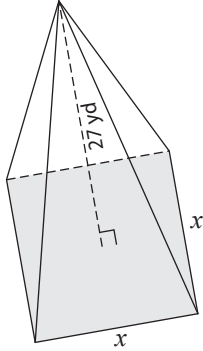
Answer key

Volume - Pyramids

Sheet 3

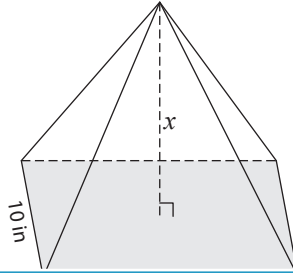
Find the value of x .

1) Volume = $4,356 \text{ yd}^3$



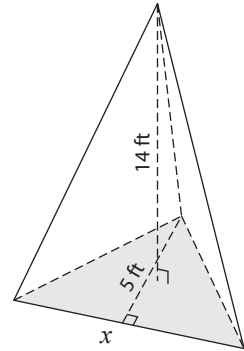
$x =$ 22 yd

2) Volume = 680 in^3

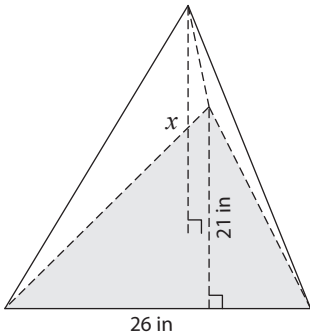


$x =$ 9 ft

3) Volume = 105 ft^3

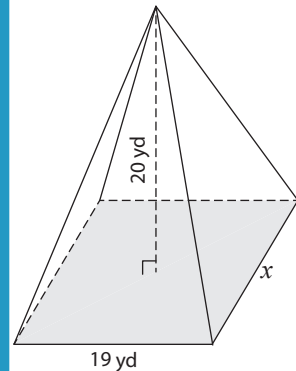


4) Volume = $2,002 \text{ in}^3$



$x =$ 22 in

Volume = $1,900 \text{ yd}^3$



$x =$ 15 yd

7) The width and height of a rectangular pyramid are 10 yards and 12 yards, respectively. Find the length of the base.

30 yards

8) The volume of a square pyramid is 768 cubic inches. If the side length of the base square is 12 inches, determine the height of the pyramid.

16 inches

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