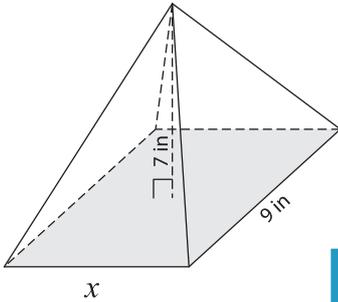


## Volume - Rectangular Pyramid

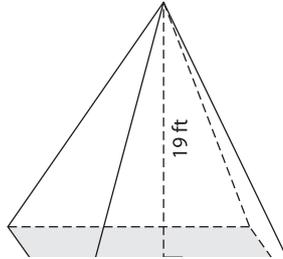
Find the value of  $x$ .

1) Volume =  $84 \text{ in}^3$

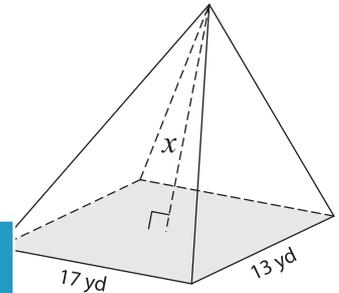


$x =$  \_\_\_\_\_

2) Volume =  $285 \text{ ft}^3$

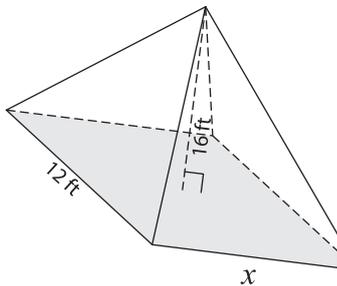


3) Volume =  $1,547 \text{ yd}^3$



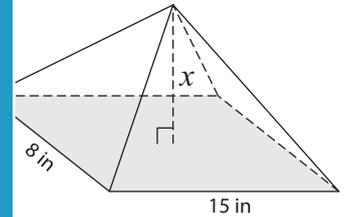
$x =$  \_\_\_\_\_

4) Volume =  $1,408 \text{ ft}^3$



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

Volume =  $200 \text{ in}^3$



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

7) A rectangular pyramid has a base length of 10 inches and a base width of 6 inches. If the volume of the pyramid is  $2,128 \text{ in}^3$ , find the height of the pyramid.

\_\_\_\_\_

8) The volume of a rectangular pyramid is 36 cubic feet. Determine the height of the pyramid whose length and width are 9 feet and 6 feet respectively.

\_\_\_\_\_

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