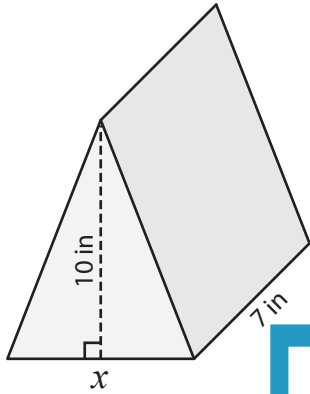


Volume - Triangular Prism

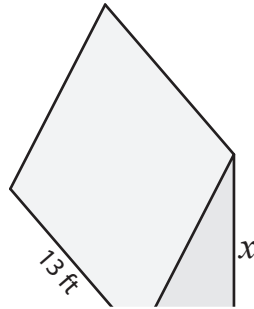
Find the value of x .

1) Volume = 280 in^3

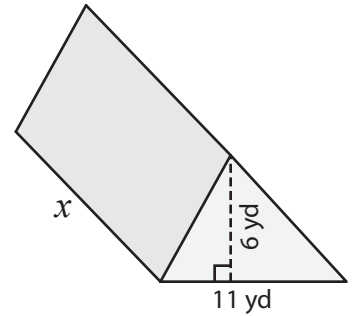


$x =$ _____

2) Volume = 390 ft^3

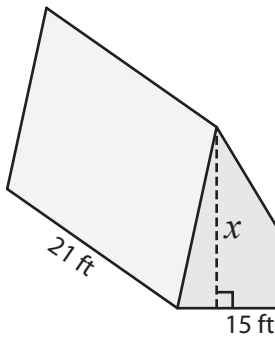


3) Volume = 462 yd^3



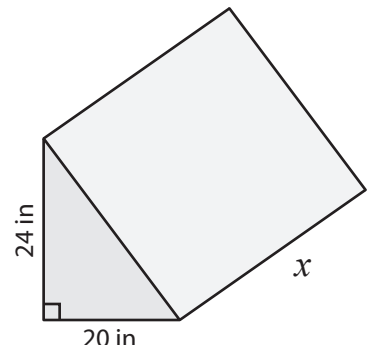
$x =$ _____

4) Volume = $2,835 \text{ ft}^3$



$x =$ _____

Volume = $7,200 \text{ in}^3$



$x =$ _____

7) The base of a prism is a right-angled triangle. The length of the prism is 19 feet and the volume is 4,675 cubic inches. Find the base of the triangle.

8) The length of a triangular prism is 19 feet and the volume is 7,438.5 cubic feet. If the height of the base triangle is 27 feet, find its base.

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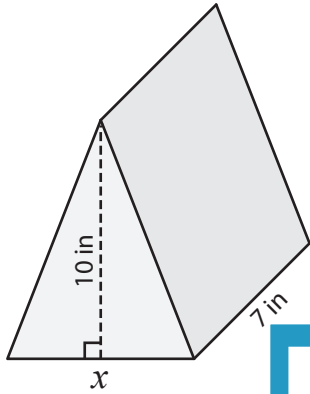
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Volume - Triangular Prism

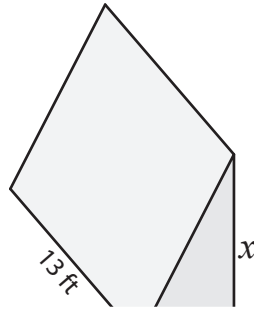
Find the value of x .

1) Volume = 280 in^3

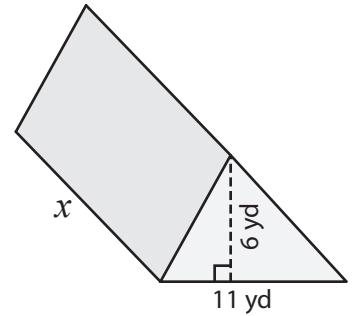


$x =$ 8 in

2) Volume = 390 ft^3

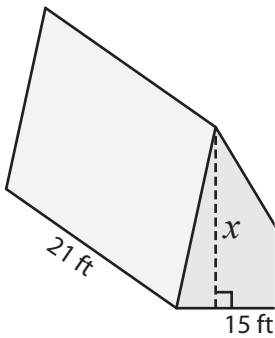


3) Volume = 462 yd^3



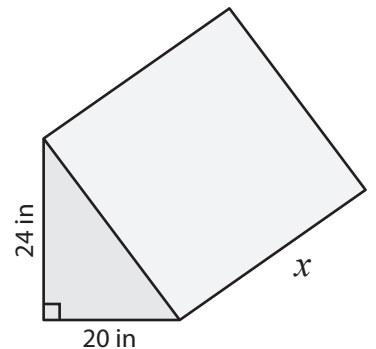
$x =$ 14 yd

4) Volume = $2,835 \text{ ft}^3$



$x =$ 18 ft

Volume = $7,200 \text{ in}^3$



$x =$ 30 in

7) The base of a prism is a right triangle with a hypotenuse of 25 inches. If the volume of the prism is 4,675 cubic inches, find its length.

25 inches

8) The length of a triangular prism is 19 feet and the volume is 7,438.5 cubic feet. If the height of the base triangle is 27 feet, find its base.

29 feet

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