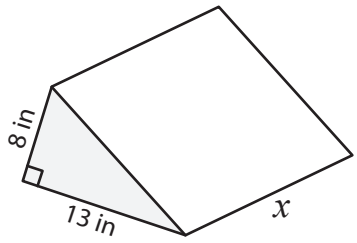
Name: _____

Volume - Prism

Sheet 1

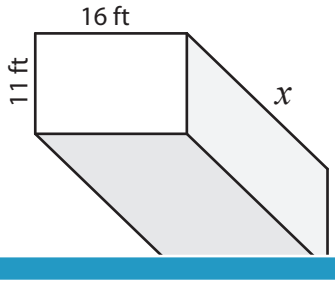
Find the value of x.

1) Volume = 884 in^3

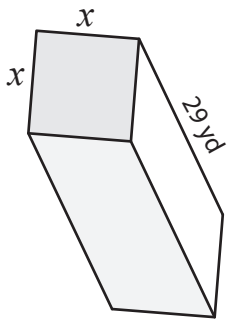


x = _____

2) Volume = 3,696 ft^3

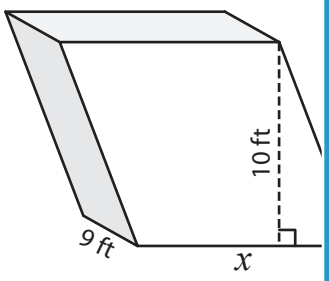


3) Volume = 2,900 yd^3



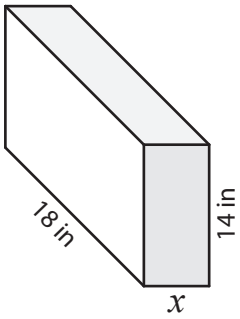
x = _____

4) Volume = 1,260 ft^3



x = _____

lume = 1,512 in^3



x = _____

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7) If the volume of the squa rism is 19 inches, find the side length of the square.

_____

8) Find the length of the parallelogram prism if its volume is 10,752 cubic feet and its base and height are 24 feet and 16 feet respectively.

_____

Name: _____

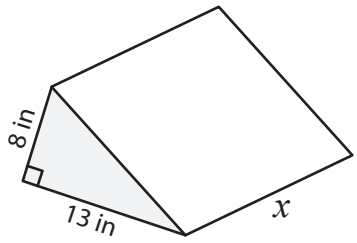
Answer key

Volume - Prism

Sheet 1

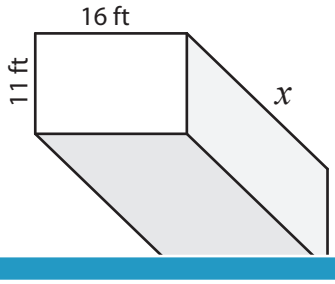
Find the value of x.

1) Volume = 884 in^3

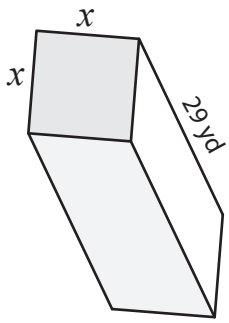


x = **17 in**

2) Volume = 3,696 ft^3

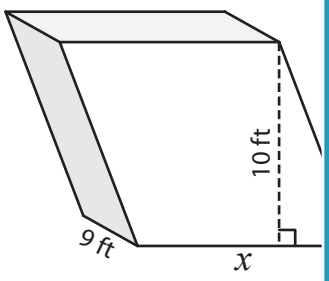


3) Volume = 2,900 yd^3



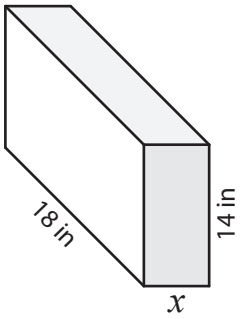
x = **10 yd**

4) Volume = 1,260 ft^3



x = **14 ft**

lume = 1,512 in^3



x = **6 in**

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7) If the volume of the squa rism is 19 inches, find the side length of the square.

20 inches

8) Find the length of the parallelogram prism if its volume is 10,752 cubic feet and its base and height are 24 feet and 16 feet respectively.

28 feet