Name: _____

Volume - Prism

Find the value of x.

1) Volume = 2,736 ft³

12 ft
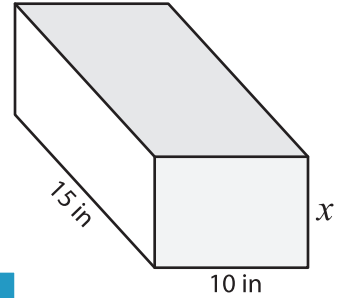
12 ft

x

$x =$ _____

2) Volume = 16,100 yd³

x

28 yd

23 yd

3) Volume = 600 in³

15 in

10 in

x

$x =$ _____

4) Volume = 6,552 yd³

24 yd

x

21 yd

$x =$ _____

...lume = 343 ft³

x

x

x

$x =$ _____

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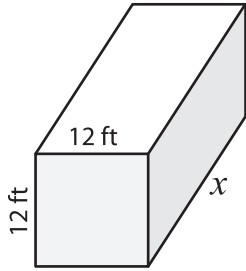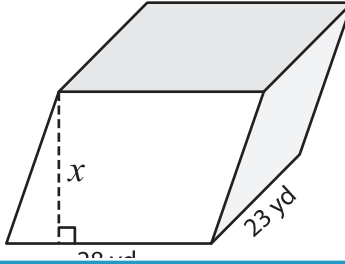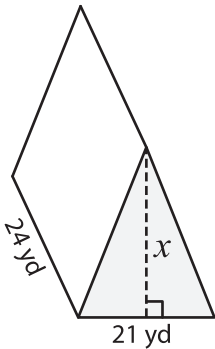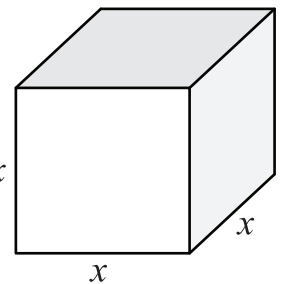
7) The base of a prism is a tr................................respectively. If the volume of the prism is 148.5 cubic fe...

_____

8) A rectangular prism has a length of 27 yards and a height of 20 yards. Find the width of the rectangular prism if its volume is 8,640 cubic yards.

_____