

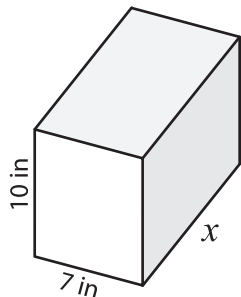
Name : \_\_\_\_\_

## Volume - Rectangular Prism

Sheet 1

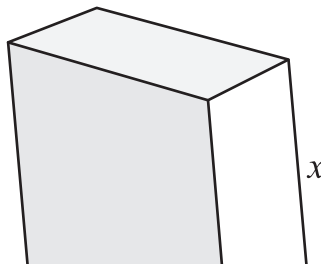
A) Find the value of  $x$ .

1) Volume =  $840 \text{ in}^3$

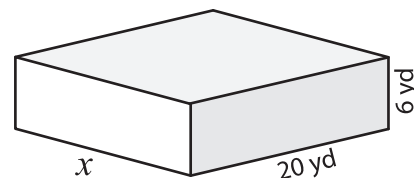


$x =$  \_\_\_\_\_

2) Volume =  $2,448 \text{ ft}^3$

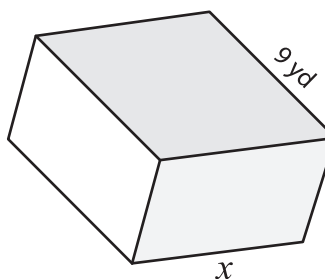


3) Volume =  $2,280 \text{ yd}^3$



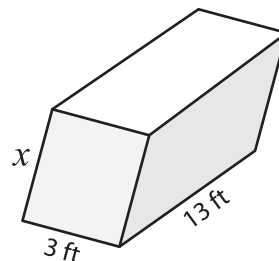
$x =$  \_\_\_\_\_

4) Volume =  $405 \text{ yd}^3$



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

Volume =  $156 \text{ ft}^3$



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

7) The length and height are 12 inches and 8 inches respectively. Find the width of the rectangular prism.

8) The length and height of a rectangular prism are 15 inches and 10 inches respectively. Find the width of the rectangular prism.

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8) A rectangular prism has a length of 22 feet and a width of 10 feet. Determine the height of the rectangular prism if its volume is 1,540 cubic feet.