

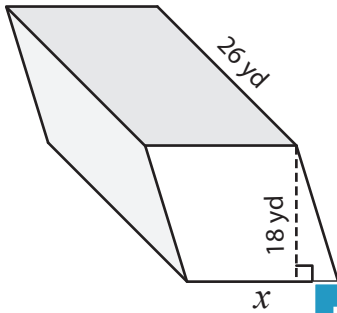
Name: _____

Volume - Prism

Sheet 3

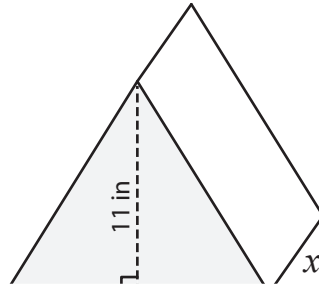
Find the value of x .

1) Volume = $9,360 \text{ yd}^3$

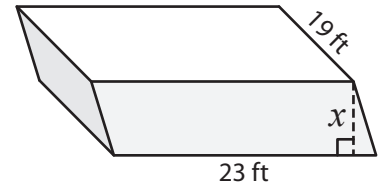


$x =$ _____

2) Volume = 385 in^3

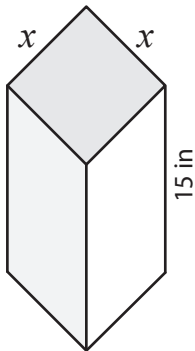


3) Volume = $6,555 \text{ ft}^3$



$x =$ _____

4) Volume = $1,215 \text{ in}^3$



$x =$ _____

PREVIEW

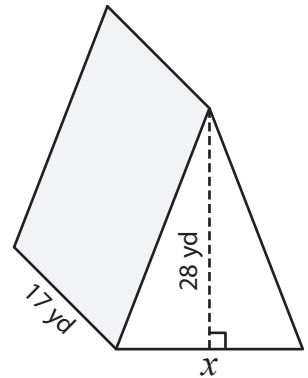
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Volume = $5,236 \text{ yd}^3$



$x =$ _____

7) The height and width of a rectangular prism whose

ively. Find the length of the

8) Determine the side length of the cube whose volume is 729 cubic inches.

Name: _____

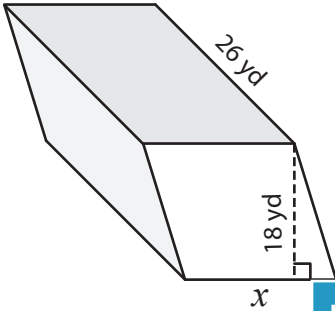
Answer key

Volume - Prism

Sheet 3

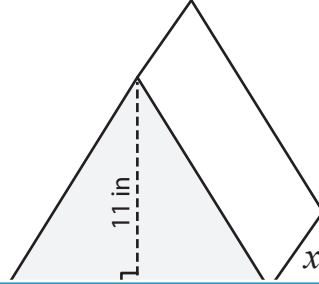
Find the value of x .

1) Volume = $9,360 \text{ yd}^3$

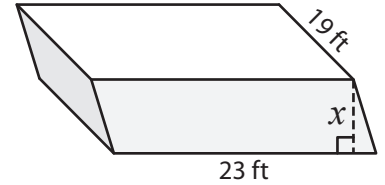


$x = \underline{20 \text{ yd}}$

2) Volume = 385 in^3

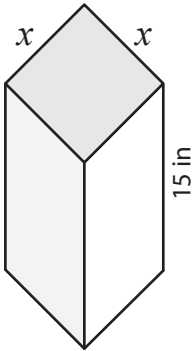


3) Volume = $6,555 \text{ ft}^3$



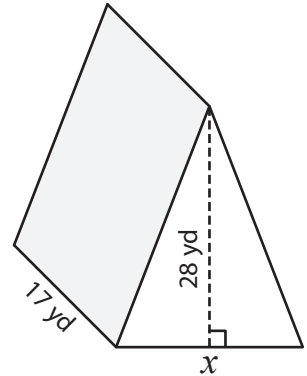
$x = \underline{15 \text{ ft}}$

4) Volume = $1,215 \text{ in}^3$



$x = \underline{9 \text{ in}}$

Volume = $5,236 \text{ yd}^3$



$x = \underline{22 \text{ yd}}$

7) The height and width of a rectangular prism whose

30 yards

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ively. Find the length of the

8) Determine the side length of the cube whose volume is 729 cubic inches.

9 inches