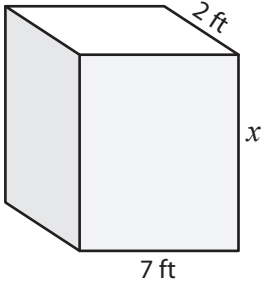


Name : _____

Surface Area - Rectangular Prism

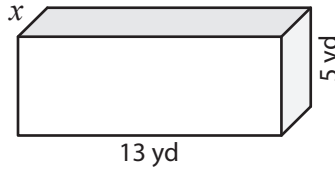
Find the value of x .

1) Surface Area = 190 ft^2



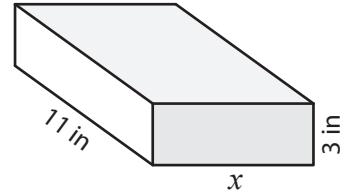
$x =$ _____

2) Surface Area = 202 yd^2



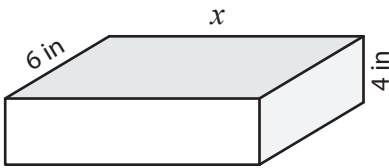
$x =$ _____

3) Surface Area = 290 in^2



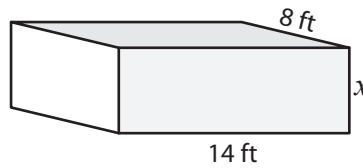
$x =$ _____

4) Surface Area = 288 in^2



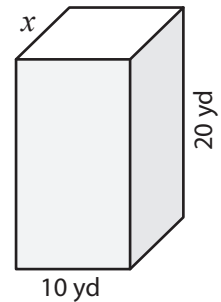
$x =$ _____

5) Surface Area = 532 ft^2



$x =$ _____

6) Surface Area = 760 yd^2



$x =$ _____

7) The length and height of a rectangular prism are 12 feet and 9 feet respectively. Determine the width of the rectangular prism whose surface area is 258 square feet.

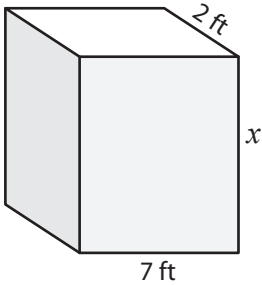
8) A rectangular prism is 18 inches height and 15 inches wide. If its surface area is 1,596 square inches, find the length of the prism.

Name : _____

Surface Area - Rectangluar Prism

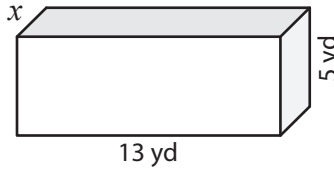
Find the value of x .

1) Surface Area = 190 ft^2



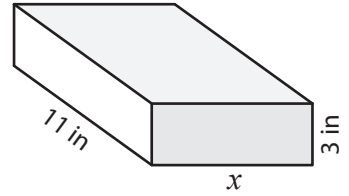
$x = \underline{\hspace{1cm} \mathbf{9 \text{ ft}} \hspace{1cm}}$

2) Surface Area = 202 yd^2



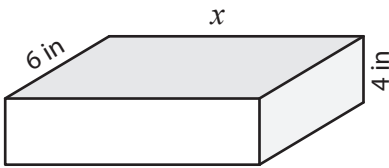
$x = \underline{\hspace{1cm} \mathbf{2 \text{ yd}} \hspace{1cm}}$

3) Surface Area = 290 in^2



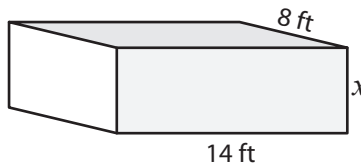
$x = \underline{\hspace{1cm} \mathbf{8 \text{ in}} \hspace{1cm}}$

4) Surface Area = 288 in^2



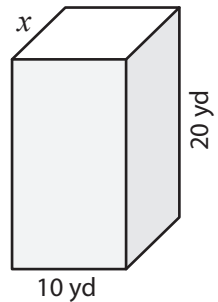
$x = \underline{\hspace{1cm} \mathbf{12 \text{ in}} \hspace{1cm}}$

5) Surface Area = 532 ft^2



$x = \underline{\hspace{1cm} \mathbf{7 \text{ ft}} \hspace{1cm}}$

6) Surface Area = 760 yd^2



$x = \underline{\hspace{1cm} \mathbf{6 \text{ yd}} \hspace{1cm}}$

7) The length and height of a rectangular prism are 12 feet and 9 feet respectively. Determine the width of the rectangular prism whose surface area is 258 square feet.

$\underline{\hspace{10cm} \mathbf{1 \text{ foot}} \hspace{10cm}}$

8) A rectangular prism is 18 inches height and 15 inches wide. If its surface area is 1,596 square inches, find the length of the prism.

$\underline{\hspace{10cm} \mathbf{16 \text{ inches}} \hspace{10cm}}$