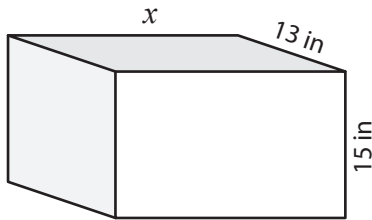


Name : \_\_\_\_\_

# Surface Area - Rectangluar Prism

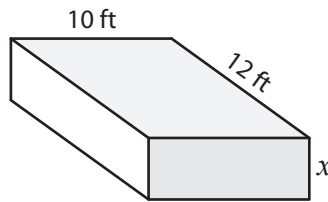
Find the value of  $x$ .

1) Surface Area =  $1,510 \text{ in}^2$

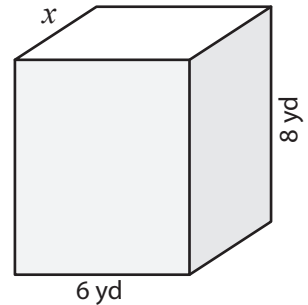


$x =$  \_\_\_\_\_

2) Surface Area =  $372 \text{ ft}^2$

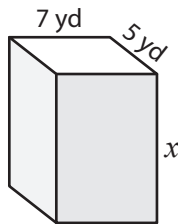


3) Surface Area =  $208 \text{ yd}^2$



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

4) Surface Area =  $334 \text{ yd}^2$



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

7) The surface area of a rectangular prism is  $11 \text{ yd}^2$ . The length and width of the prism are  $11 \text{ yd}$  and  $3 \text{ yd}$  respectively. Find the height of the prism.

**PREVIEW**

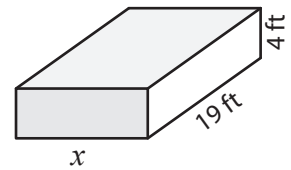
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Surface Area =  $796 \text{ ft}^2$



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

width of the prism are

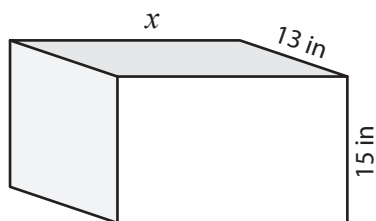
8) The length and width of a rectangular prism are  $16 \text{ inches}$  and  $1 \text{ inch}$  respectively. Find the height of the rectangular prism whose surface area is  $508 \text{ square inches}$ .

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

**Surface Area - Rectangluar Prism**

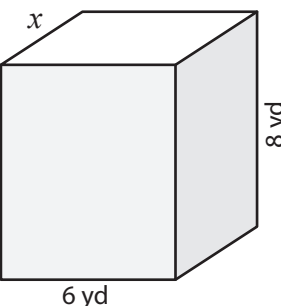
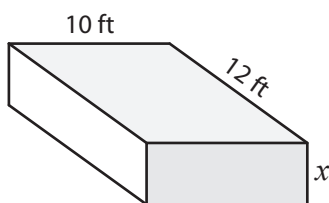
Find the value of  $x$ .

1) Surface Area = 1,510 in<sup>2</sup>



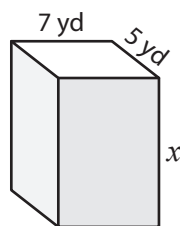
$x =$  20 in

2) Surface Area = 372 ft<sup>2</sup>



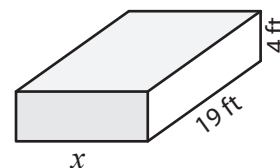
$x =$  4 yd

4) Surface Area = 334 yd<sup>2</sup>



$x =$  11 yd

Surface Area = 796 ft<sup>2</sup>



$x =$  14 ft

7) The surface area of a rectangular prism with a length of 11 yards, 3 yards respectively

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width of the prism are

20 yards

8) The length and width of a rectangular prism are 16 inches and 1 inch respectively. Find the height of the rectangular prism whose surface area is 508 square inches.

14 inches