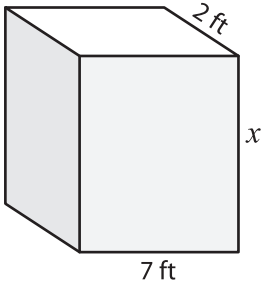


Name : \_\_\_\_\_

# Surface Area - Rectangular Prism

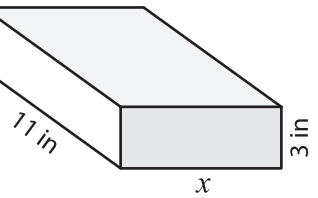
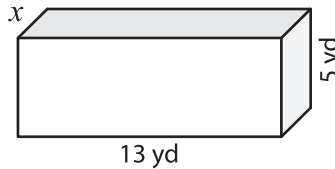
Find the value of  $x$ .

1) Surface Area =  $190 \text{ ft}^2$



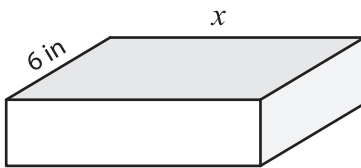
$x =$  \_\_\_\_\_

2) Surface Area =  $202 \text{ yd}^2$



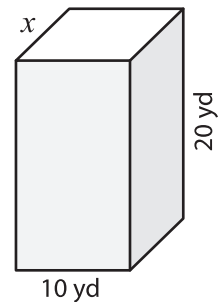
$x =$  \_\_\_\_\_

4) Surface Area =  $288 \text{ in}^2$



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

Surface Area =  $760 \text{ yd}^2$



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

7) The length and height of the rectangular prism are equal. Determine the width of the prism.

ely. Determine the width of

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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.