

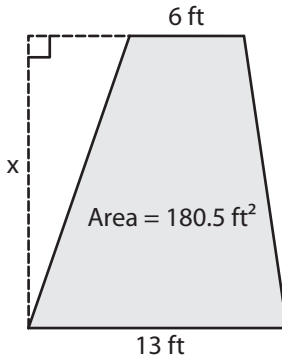
Name : \_\_\_\_\_

## Trapezoid - Area

L1S1

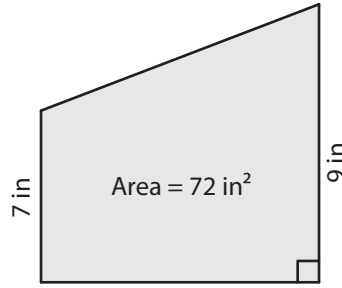
Find x.

1)

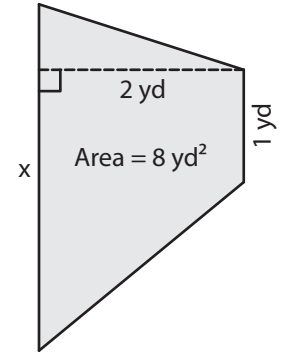


$x =$  \_\_\_\_\_

2)

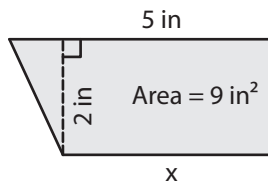


3)



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

4)



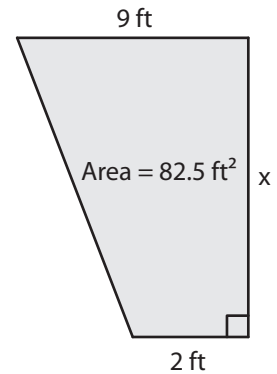
$x =$  \_\_\_\_\_

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

7) A trapezoid has an area of 100 square yards and one of the parallel bases is 11 yards.

\_\_\_\_\_

8) The sum of the parallel bases of a trapezoid is 15 feet. If the area of the trapezoid is 7.5 square feet, determine the height.

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

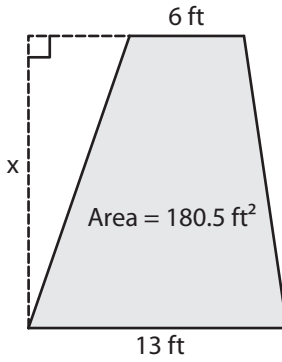
**Answer key**

**Trapezoid - Area**

L1S1

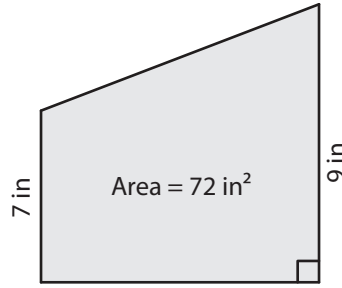
Find x.

1)

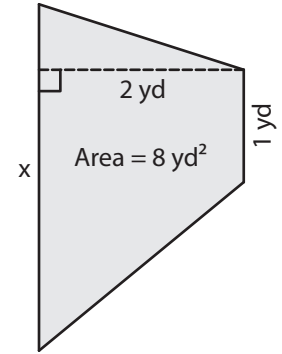


$x = \underline{\quad 19 \text{ ft} \quad}$

2)

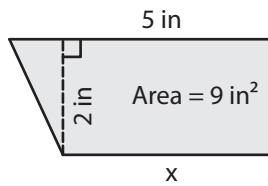


3)



$x = \underline{\quad 7 \text{ yd} \quad}$

4)



$x = \underline{\quad 4 \text{ in} \quad}$

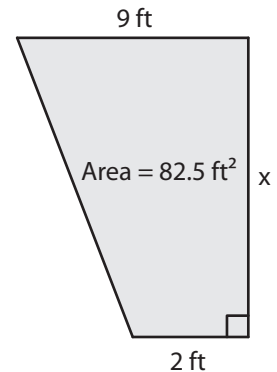
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$x = \underline{\quad 15 \text{ ft} \quad}$

7) A trapezoid has an area of 100 square yards and one of the parallel bases is 11 yards.

**The other base of the trapezoid is 6 yards.**

8) The sum of the parallel bases of a trapezoid is 15 feet. If the area of the trapezoid is 7.5 square feet, determine the height.

**The height of the trapezoid is 1 foot.**