

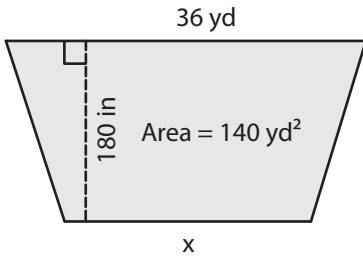
Name : \_\_\_\_\_

## Trapezoid - Area

Sheet 1

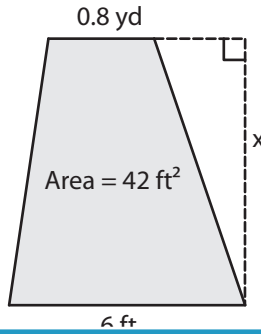
Find x.

1)

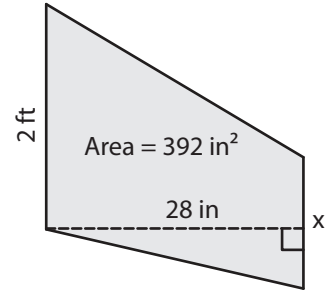


x = \_\_\_\_\_ yd

2)

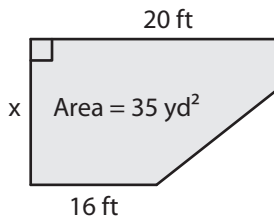


3)



x = \_\_\_\_\_ in

4)



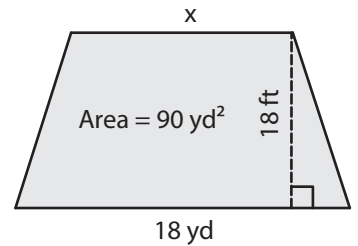
x = \_\_\_\_\_ ft

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x = \_\_\_\_\_ yd

7) A trapezoid has an area of 180 square feet and one of the parallel bases is 22 yard

18 feet and one of the

8) The area of a trapezoid is 2,160 square inches. Find the height of the trapezoid in feet, if the sum of the parallel bases is 30 feet.

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

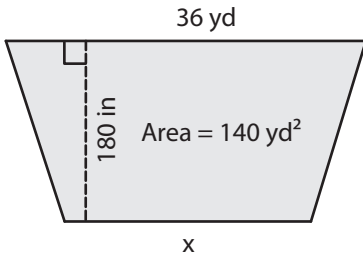
**Answer key**

**Trapezoid - Area**

Sheet 1

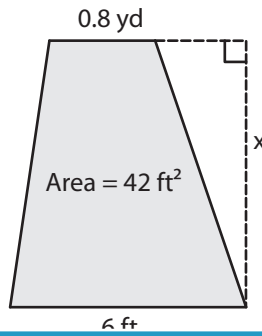
Find x.

1)

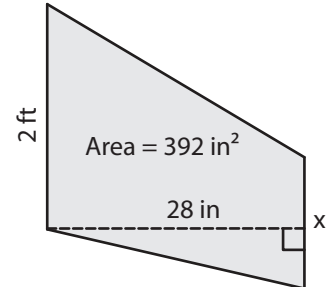


x = 20 yd

2)

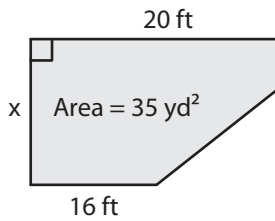


3)



x = 4 in

4)



x = 17.5 ft

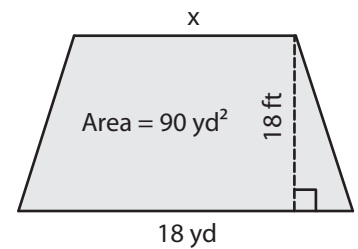
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x = 12 yd

7) A trapezoid has an area of 144 square yards and one of the parallel bases is 22 yards.

18 feet and one of the parallel bases is 18 feet.

**The length of the other base in the trapezoid is 14 yards.**

8) The area of a trapezoid is 2,160 square inches. Find the height of the trapezoid in feet, if the sum of the parallel bases is 30 feet.

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