

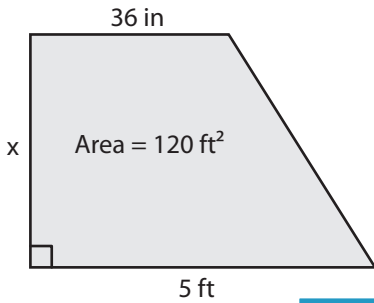
Name : _____

Trapezoid - Area

Sheet 2

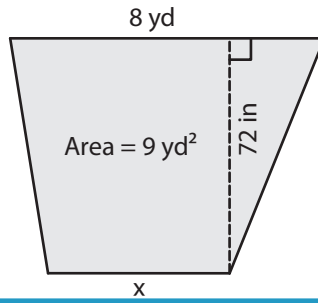
Find x.

1)

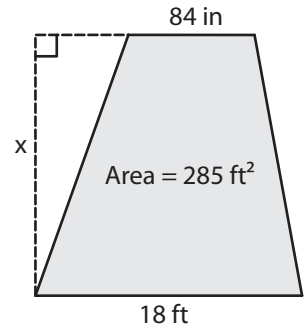


x = _____ ft

2)

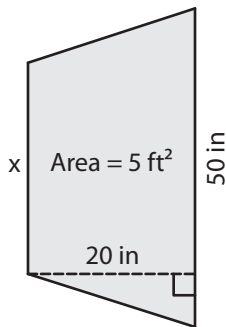


3)



x = _____ ft

4)



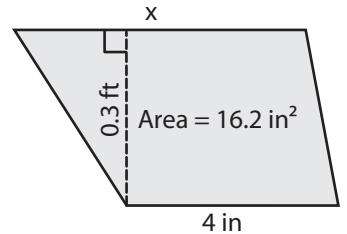
x = _____ in

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x = _____ in

7) The parallel bases of a trapezoid are 10 yd and 14 yd. Find the perpendicular distance between the bases in yards, if the area of the trapezoid is 110 yd².

8) The height of a trapezoid is 8 inches and one of the parallel bases is of length 2 feet. Determine the length of the other base in inches, if the area of the trapezoid is 164 square inches.

Name : _____

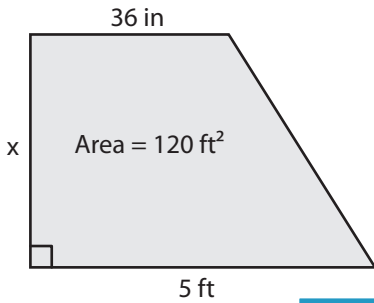
Answer key

Trapezoid - Area

Sheet 2

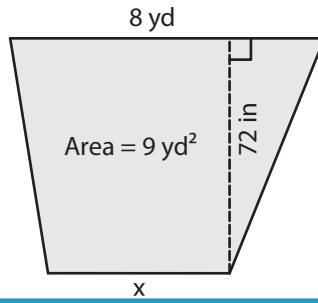
Find x.

1)

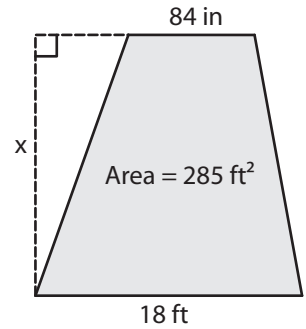


x = 30 ft

2)

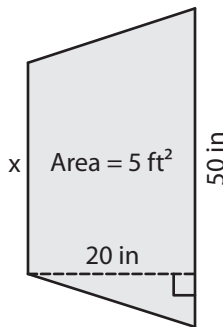


3)



x = 22.8 ft

4)



x = 22 in

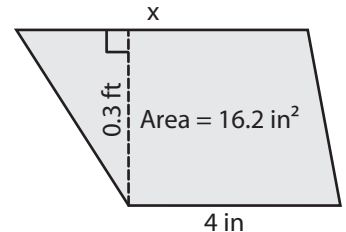
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x = 5 in

7) The parallel bases of a trapezoid are 15 yards and 27 yards. Determine the perpendicular distance between the bases in yards, if the area of the trapezoid is 360 square yards.

ndicular distance between

The perpendicular distance between the bases is 15 yards.

8) The height of a trapezoid is 8 inches and one of the parallel bases is of length 2 feet. Determine the length of the other base in inches, if the area of the trapezoid is 164 square inches.

The length of the other base in the trapezoid is 17 inches.