

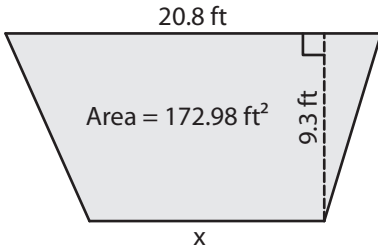
Name : \_\_\_\_\_

## Trapezoid - Area

Sheet 2

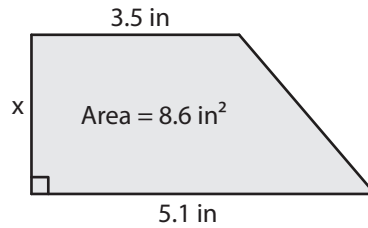
Find x.

1)

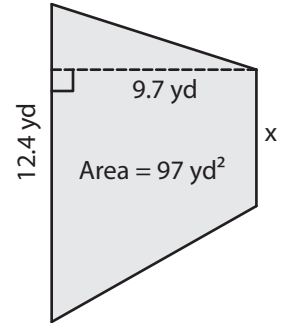


x = \_\_\_\_\_

2)

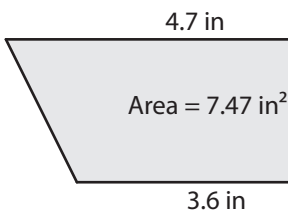


3)



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

4)



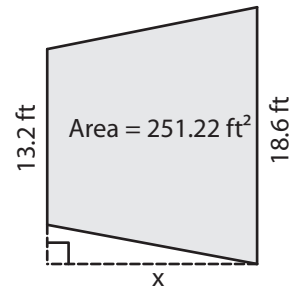
x = \_\_\_\_\_

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

7) The lengths of the parallel bases of a trapezoid are 10.5 inches and 14.5 inches. What is the height of the trapezoid, if the area is 115.5 square inches?

8) What is the height of the trapezoid if the area is 100 square inches, the top base is 10 inches, and the bottom base is 20 inches?

8) A trapezoid has an area of 70.06 square inches. If the height of the trapezoid is 6.2 inches and one of the parallel bases is 14.3 inches, find the other base.

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

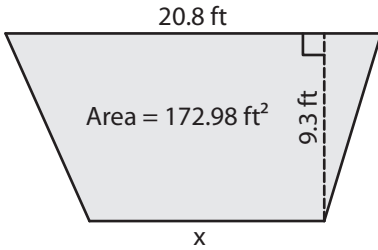
**Answer key**

**Trapezoid - Area**

Sheet 2

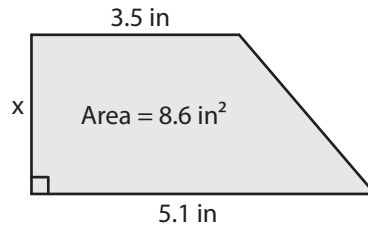
Find x.

1)

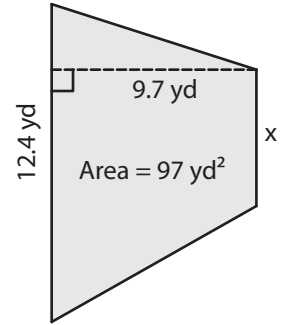


x = 16.4 ft

2)

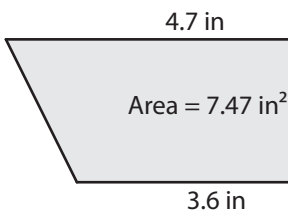


3)



x = 7.6 yd

4)



x = 1.8 in

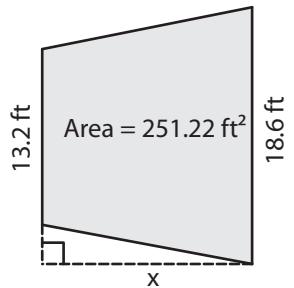
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x = 15.8 ft

7) The lengths of the parallel bases of a trapezoid are 12.5 yards and 17.5 yards. The area of the trapezoid is 178.5 square yards. What is the height of the trapezoid?

What is the height of the trapezoid?

**The height of the trapezoid is 17.8 yards.**

8) A trapezoid has an area of 70.06 square inches. If the height of the trapezoid is 6.2 inches and one of the parallel bases is 14.3 inches, find the other base.

**The other base of the trapezoid is 8.3 inches.**