

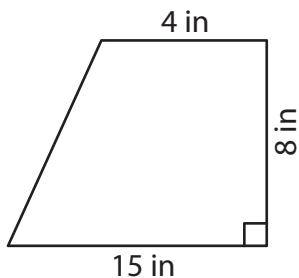
Name : \_\_\_\_\_

## Trapezoid – Area

T2L1S1

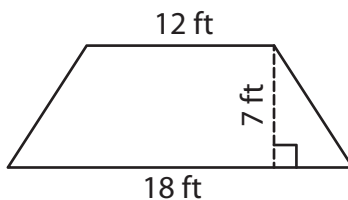
Find the area of each trapezoid.

1)



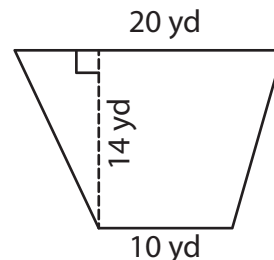
Area = \_\_\_\_\_

2)

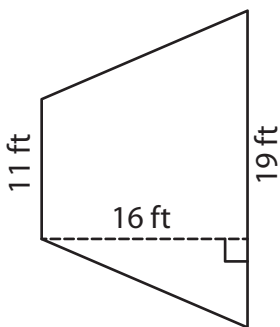


Area = \_\_\_\_\_

3)



4)



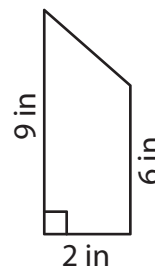
Area = \_\_\_\_\_

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Area = \_\_\_\_\_

7) The height of a trapezoid is 10 feet. The lengths of the parallel bases are 3 yards and 17 yards.

\_\_\_\_\_

8) The sum of the bases of a trapezoid is 17 feet. Determine the area of the trapezoid, if the perpendicular distance between the bases is 15 feet.

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

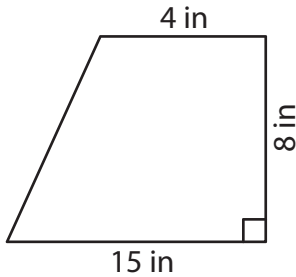
## Answer key

### Trapezoid – Area

T2L1S1

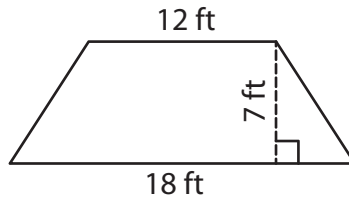
Find the area of each trapezoid.

1)



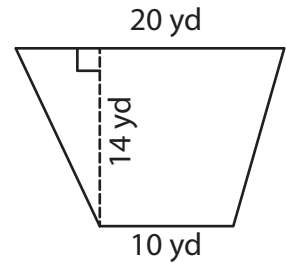
Area = 76 in<sup>2</sup>

2)

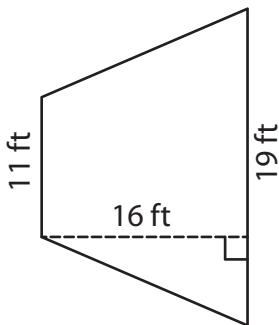


Area = 210 yd<sup>2</sup>

3)



4)



Area = 240 ft<sup>2</sup>

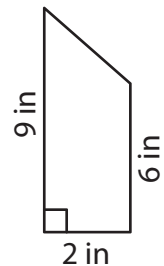
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Area = 15 in<sup>2</sup>

7) The height of a trapezoid is 10 yards. The lengths of the parallel bases are 3 yards and 17 yards.

\_\_\_\_\_

120 square yards

8) The sum of the bases of a trapezoid is 17 feet. Determine the area of the trapezoid, if the perpendicular distance between the bases is 15 feet.

127.5 square feet