

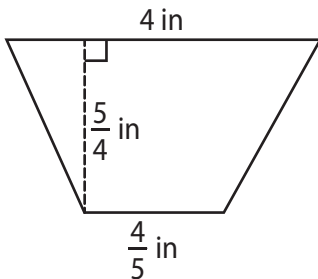
Name : _____

Trapezoid – Area

T2S3

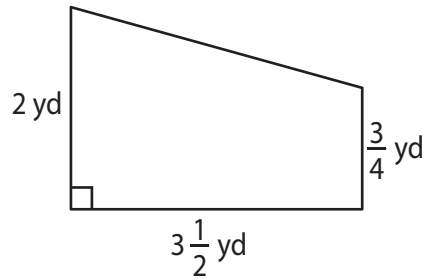
Find the area of each trapezoid.

1)

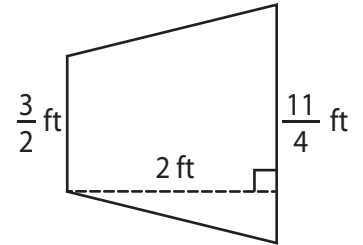


Area = _____

2)

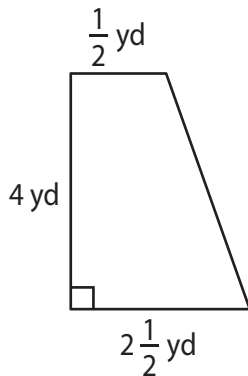


3)



Area = _____

4)



Area = _____

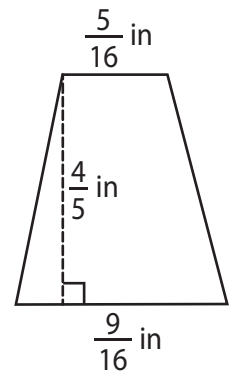
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Area = _____

7) The lengths of the parallel bases are 10 ft and 14 ft. If the height is $\frac{1}{2}$ foot?

_____ is the area of the trapezoid,

8) The sum of the bases of a trapezoid is $\frac{8}{9}$ yard. Determine the area of the trapezoid, if the perpendicular distance between the bases is $1\frac{1}{2}$ yards.

Name : _____

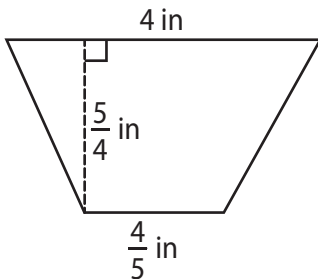
Answer key

Trapezoid – Area

T2S3

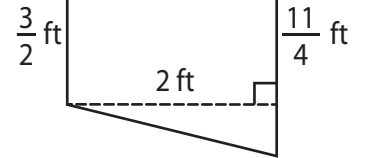
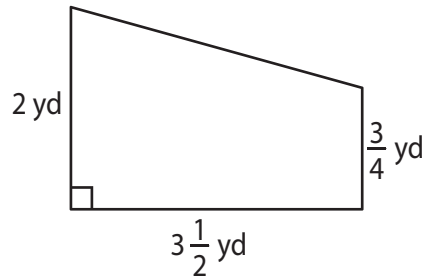
Find the area of each trapezoid.

1)



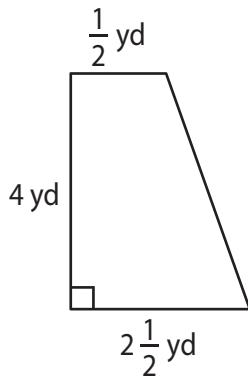
Area = 3 in²

2)



Area = $\frac{17}{4}$ or $4\frac{1}{4}$ ft²

4)



Area = 6 yd²

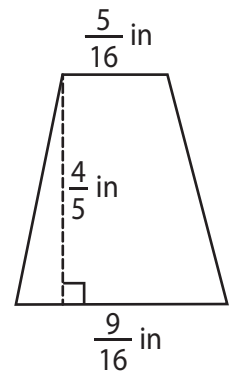
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Area = $\frac{7}{20}$ in²

7) The lengths of the parallel bases are $\frac{1}{2}$ foot and $\frac{3}{4}$ foot. If the height is $\frac{1}{2}$ foot?

$\frac{3}{4}$ square foot

8) The sum of the bases of a trapezoid is $\frac{8}{9}$ yard. Determine the area of the trapezoid, if the perpendicular distance between the bases is $1\frac{1}{2}$ yards.

$\frac{2}{3}$ square yard

is the area of the trapezoid,