

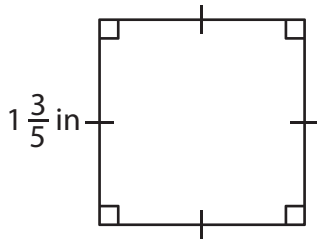
Name : _____

Area – Mixed Shapes

L2S3

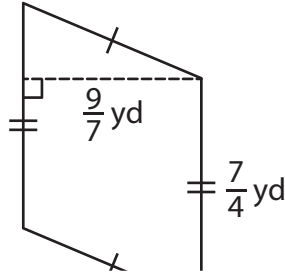
Find the area of each shape. (Use $\pi = \frac{22}{7}$)

1)

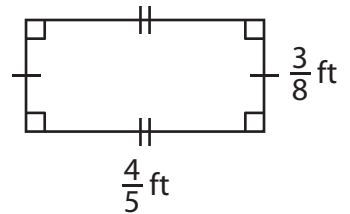


Area = _____

2)

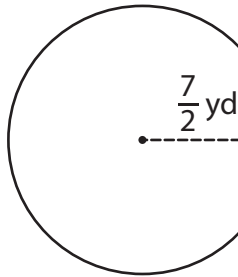


3)



Area = _____

4)



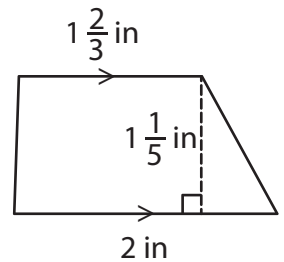
Area = _____

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Area = _____

7) The parallel bases of a trapezoid are 3 feet and 5 feet. The perpendicular distance between the bases is $\frac{5}{7}$ foot, find the area.

Area = _____

8) Determine the area of a circle that has a radius of $\frac{1}{2}$ inch.

Name : _____

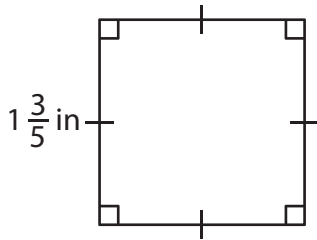
Answer key

Area – Mixed Shapes

L2S3

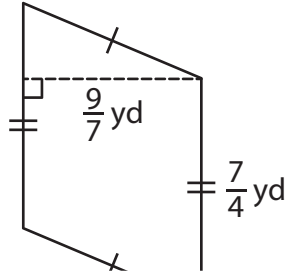
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1)

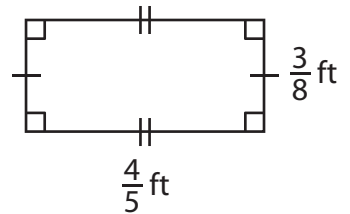


Area = $\frac{64}{25}$ or $2 \frac{14}{25}$ in²

2)

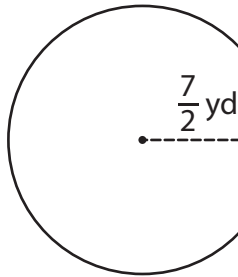


3)



Area = $\frac{3}{10}$ ft²

4)



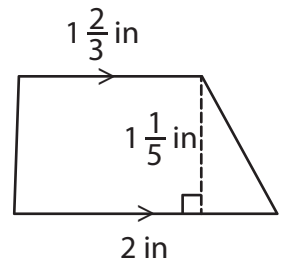
Area = $\frac{77}{2}$ or $38 \frac{1}{2}$ yd²

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Area = $\frac{11}{5}$ or $2 \frac{1}{5}$ in²

7) The parallel bases of a trapezoid are 10 feet and 14 feet. The perpendicular distance between the bases is $\frac{5}{7}$ foot, find the area.

perpendicular distance between

$\frac{23}{84}$ square foot

8) Determine the area of a circle that has a radius of $\frac{1}{2}$ inch.

$\frac{11}{14}$ square inch