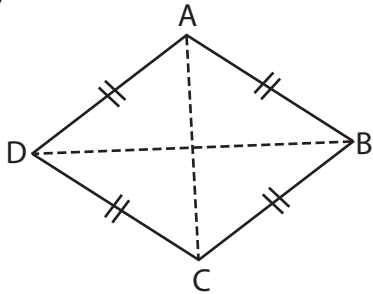


Name : _____

Area of a Quadrilateral

Find the area of each shape. Round your answer to two decimal places.

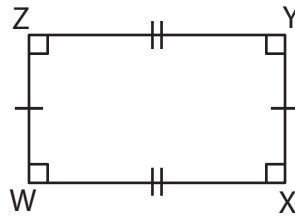
1)



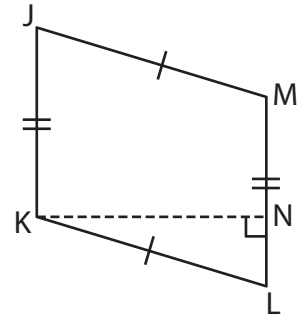
$DB = 0.25 \text{ yd}$; $AC = 7 \text{ in}$

Area = _____ in²

2)



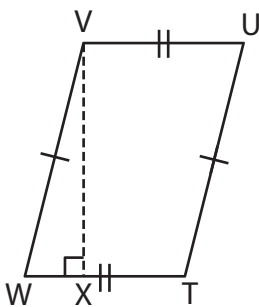
3)



$JK = 8 \text{ ft}$; $KN = 120 \text{ in}$

Area = _____ ft²

4)



$VU = 7 \text{ ft}$; $VX = 156 \text{ in}$

Area = _____ ft²

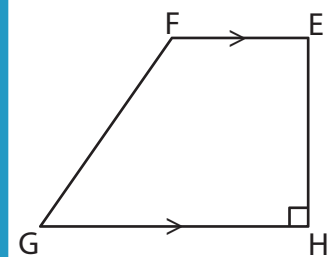
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$GH = 11 \text{ yd}$; $FE = 3 \text{ yd}$
 $EH = 27 \text{ ft}$

Area = _____ yd²

7) Find the area of the rectangle.

_____ feet.

_____ square feet

8) The parallel bases of a trapezoid measure 36 inches and 1.5 yards. If the perpendicular distance between the bases is 25 inches, find the area of the trapezoid.

_____ square inches

Name : _____

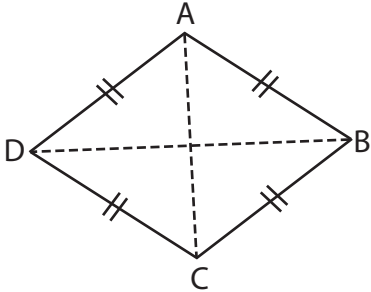
Answer key

Sheet 2

Area of a Quadrilateral

Find the area of each shape. Round your answer to two decimal places.

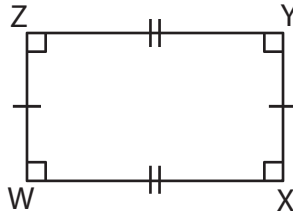
1)



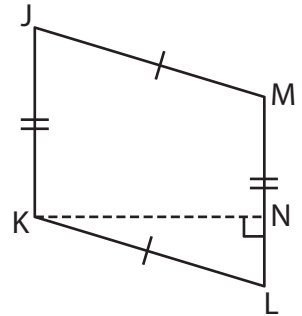
$DB = 0.25$ yd ; $AC = 7$ in

Area = 31.5 in²

2)



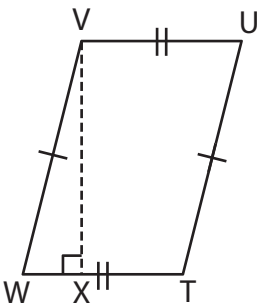
3)



$JK = 8$ ft ; $KN = 120$ in

Area = 80 ft²

4)



$VU = 7$ ft ; $VX = 156$ in

Area = 91 ft²

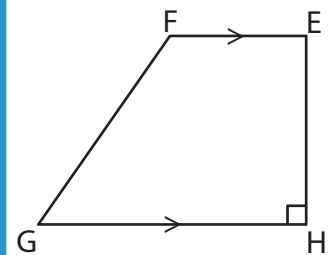
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$GH = 11$ yd ; $FE = 3$ yd
 $EH = 27$ ft

Area = 63 yd²

7) Find the area of the rectangle.

Area = 75 square feet

8) The parallel bases of a trapezoid measure 36 inches and 1.5 yards. If the perpendicular distance between the bases is 25 inches, find the area of the trapezoid.

Area = 1,125 square inches