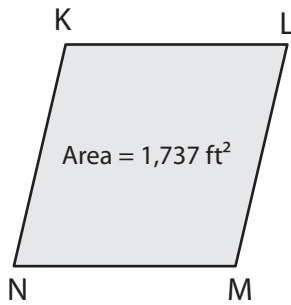


Name : _____

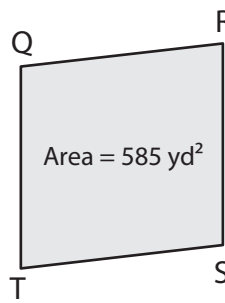
Area of a Rhombus

1)



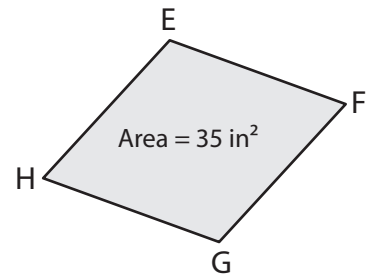
KM = 45 ft. Find LN.

2)



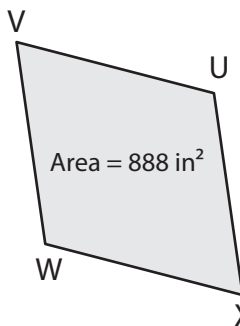
QS = 26 yd. Find RT.

3)



EG = 5 in. Find FH.

4)



UW = 37 in. Find VX

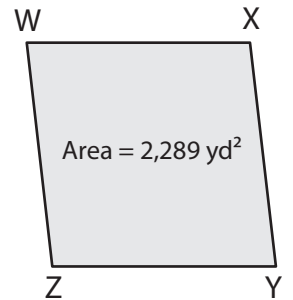
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WY = 70 yd. Find XZ.

7) A rhombus has an area of 1,200 square inches. One diagonal is 24 inches long. Find the length of the other diagonal.

A rhombus has an area of 1,000 square yards. One diagonal is 40 yards long. Determine the length of the other diagonal.

8) The length of one of the diagonals of a rhombus is 88 inches. Find the length of the other diagonal, if the area is 924 square inches.

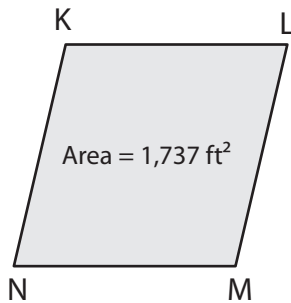
Name : _____

Answer key

Sheet 3

Area of a Rhombus

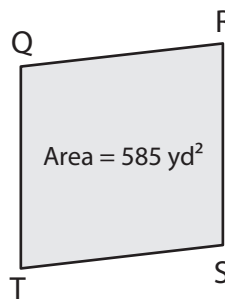
1)



KM = 45 ft. Find LN.

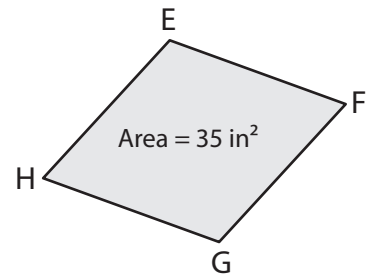
KM = 77.2 ft

2)



QS = 26 yd. Find RT.

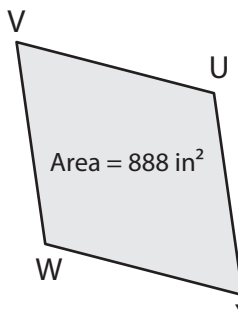
3)



EG = 5 in. Find FH.

FH = 14 in

4)



UW = 37 in. Find VX

VX = 48 in

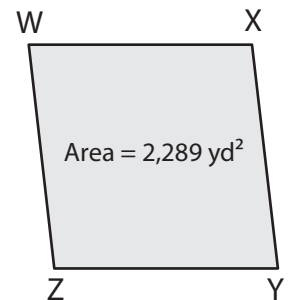
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WY = 70 yd. Find XZ.

XZ = 65.4 yd

7) A rhombus has an area of 324 square yards. One diagonal is 24 yards, determine the length of the other diagonal.

36 yards

8) The length of one of the diagonals of a rhombus is 88 inches. Find the length of the other diagonal, if the area is 924 square inches.

21 inches