

Name : _____

Area of a Rhombus

T2L2S3

A) Find the area of each rhombus for the given measurements.

1) diagonal 1 = 80 ft, diagonal 2 = 20 ft

2) diagonal 1 = 24 yd, diagonal 2 = 30 yd

Area = _____

Area = _____

3) diagonal 1 = 15 in, diagonal 2 = 45 in

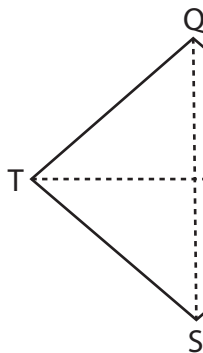
4) diagonal 1 = 79 ft, diagonal 2 = 52 ft

Area = _____

Area = _____

B) Find the area of each rhombus.

5)



QS = 47 yd ; RT = 31 yd

Area = _____

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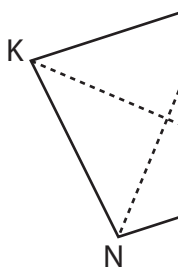
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Diagonal = 31 in

7)



LN = 36 in ; KM = 53 in

Area = _____



FH = 67 ft ; EG = 41 ft

Area = _____

9) The lengths of the diagonals of a rhombus are 93 yards and 63 yards. Determine the area.

Name : _____

Answer key

T2L2S3

Area of a Rhombus

A) Find the area of each rhombus for the given measurements.

1) diagonal 1 = 80 ft, diagonal 2 = 20 ft

Area = 800 ft²

2) diagonal 1 = 24 yd, diagonal 2 = 30 yd

Area = 360 yd²

3) diagonal 1 = 15 in, diagonal 2 = 45 in

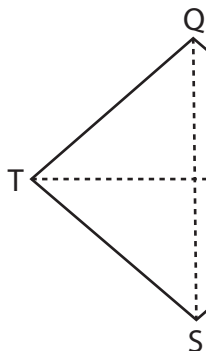
Area = 337.5 in²

4) diagonal 1 = 79 ft, diagonal 2 = 52 ft

Area = 2,054 ft²

B) Find the area of each rhombus.

5)



QS = 47 yd ; RT = 44 yd

Area = 2,091.5 yd²

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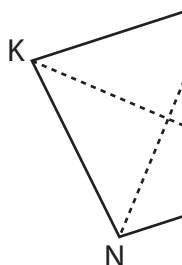
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Diagonal = 31 in

Area = 155 in²

7)



LN = 36 in ; KM = 53 in

Area = 954 in²



FH = 67 ft ; EG = 41 ft

Area = 1,373.5 ft²

9) The lengths of the diagonals of a rhombus are 93 yards and 63 yards. Determine the area.

2,929.5 square yards