

Name : _____

Area of a Rhombus

T2L1S3

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

1) diagonal 1 = 16 in, diagonal 2 = 13 in

2) diagonal 1 = 10 ft, diagonal 2 = 7 ft

Area = _____

Area = _____

3) diagonal 1 = 18 yd, diagonal 2 = 17 yd

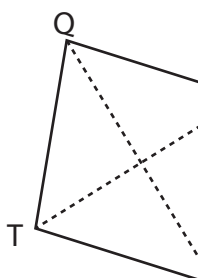
4) diagonal 1 = 11 in, diagonal 2 = 9 in

Area = _____

Area = _____

B) Find the area of each rhombus.

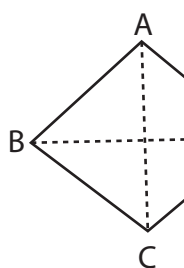
5)



RT = 5 ft ; QS = 12 ft

Area = _____

7)



BD = 15 yd ; AC = 3 yd

Area = _____

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WZ = 19 yd



KM = 12 in ; LN = 14 in

Area = _____

9) The diagonals of a rhombus measure 2 feet and 1 foot. Determine the area.

Name : _____

Answer key

Area of a Rhombus

T2L1S3

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

1) diagonal 1 = 16 in, diagonal 2 = 13 in

Area = 104 in²

2) diagonal 1 = 10 ft, diagonal 2 = 7 ft

Area = 35 ft²

3) diagonal 1 = 18 yd, diagonal 2 = 17 yd

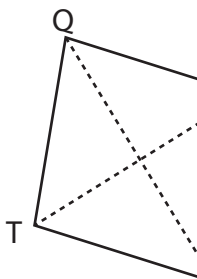
Area = 153 yd²

4) diagonal 1 = 11 in, diagonal 2 = 9 in

Area = 49.5 in²

B) Find the area of each rhombus.

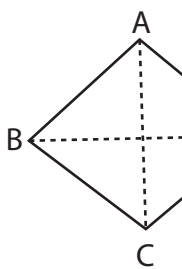
5)



RT = 5 ft ; QS = 6 ft

Area = 15 ft²

7)



BD = 15 yd ; AC = 3 yd

Area = 22.5 yd²

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KL = 19 yd ; MN = 12 yd

Area = 114 yd²



KM = 12 in ; LN = 14 in

Area = 84 in²

9) The diagonals of a rhombus measure 2 feet and 1 foot. Determine the area.

1 square foot