

Name : _____

Area of a Rhombus

T2S1

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

1) diagonal 1 = 19.3 ft, diagonal 2 = 20 ft

Area = _____

2) diagonal 1 = 34.4 in, diagonal 2 = 29.5 in

Area = _____

3) diagonal 1 = 6 yd, diagonal 2 = 85.2 yd

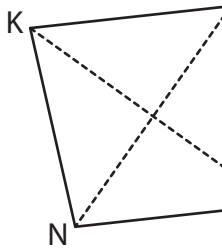
Area = _____

4) diagonal 1 = 23.7 ft, diagonal 2 = 39.4 ft

Area = _____

B) Find the area of each rhombus.

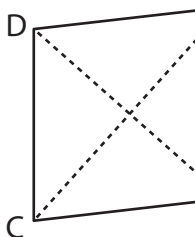
5)



LN = 40.2 in ; KM = 11.6 yd

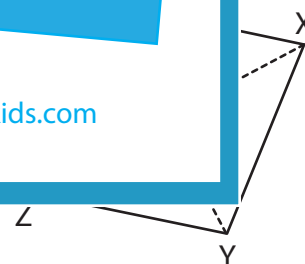
Area = _____

7)



AC = 60.4 ft ; BD = 14.7 ft

Area = _____



WY = 36 in ; XZ = 74.5 in

Area = _____

9) The lengths of the diagonals of a rhombus are 93.8 yards and 7.8 yards. Determine the area.

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Name : _____

Answer key

Area of a Rhombus

T2S1

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

1) diagonal 1 = 19.3 ft, diagonal 2 = 20 ft

Area = 193 ft²

2) diagonal 1 = 34.4 in, diagonal 2 = 29.5 in

Area = 507.4 in²

3) diagonal 1 = 6 yd, diagonal 2 = 85.2 yd

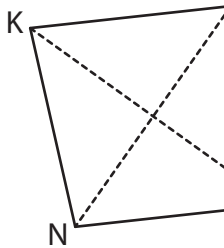
Area = 255.6 yd²

4) diagonal 1 = 23.7 ft, diagonal 2 = 39.4 ft

Area = 466.89 ft²

B) Find the area of each rhombus.

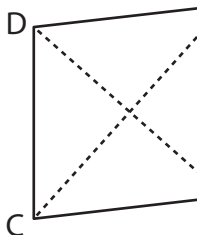
5)



LN = 40.2 in ; KM = 11.6 yd

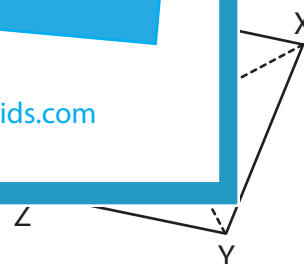
Area = 964.8 yd²

7)



AC = 60.4 ft ; BD = 14.7 ft

Area = 443.94 ft²



WY = 36 in ; XZ = 74.5 in

Area = 1,341 in²

9) The lengths of the diagonals of a rhombus are 93.8 yards and 7.8 yards. Determine the area.

365.82 square yards

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