

Name : _____

Area of a Rhombus

T2L2S2

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

1) diagonal 1 = 49 yd, diagonal 2 = 60 yd

2) diagonal 1 = 75 in, diagonal 2 = 25 in

Area = _____

Area = _____

3) diagonal 1 = 28 ft, diagonal 2 = 42 ft

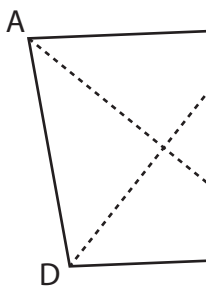
4) diagonal 1 = 37 yd, diagonal 2 = 73 yd

Area = _____

Area = _____

B) Find the area of each rhombus.

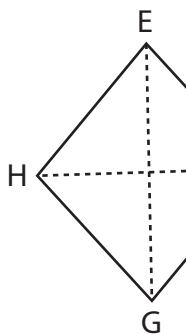
5)



AC = 66 in ; BD = 99 ft

Area = _____

7)



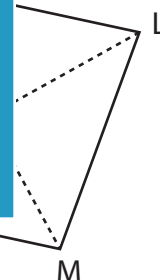
FH = 68 ft ; EG = 87 ft

Area = _____



LN = 99 ft

Area = _____



KM = 43 yd ; LN = 51 yd

Area = _____

9) The diagonals of a rhombus measure 34 inches and 84 inches. Find the area.

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Name : _____

Answer key

Area of a Rhombus

T2L2S2

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

1) diagonal 1 = 49 yd, diagonal 2 = 60 yd

Area = 1,470 yd²

2) diagonal 1 = 75 in, diagonal 2 = 25 in

Area = 937.5 in²

3) diagonal 1 = 28 ft, diagonal 2 = 42 ft

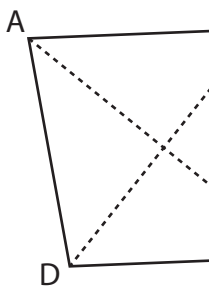
Area = 588 ft²

4) diagonal 1 = 37 yd, diagonal 2 = 73 yd

Area = 1,350.5 yd²

B) Find the area of each rhombus.

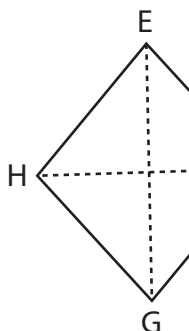
5)



AC = 66 in ; BD = 48 in

Area = 1,848 in²

7)



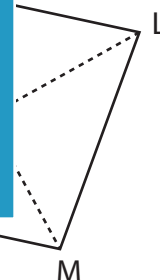
FH = 68 ft ; EG = 87 ft

Area = 2,958 ft²



KL = 99 ft ; MN = 60 ft

Area = 2,970 ft²



KM = 43 yd ; LN = 51 yd

Area = 1,096.5 yd²

9) The diagonals of a rhombus measure 34 inches and 84 inches. Find the area.

1,428 square inches

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