

Name : _____

Area of a Kite

T2L2S5

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

1) diagonal 1 = 50 yd, diagonal 2 = 60 yd

2) diagonal 1 = 34 in, diagonal 2 = 26 in

Area = _____

Area = _____

3) diagonal 1 = 85 ft, diagonal 2 = 79 ft

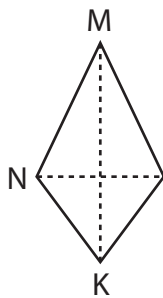
4) diagonal 1 = 96 yd, diagonal 2 = 91 yd

Area = _____

Area = _____

B) Find the area of each kite.

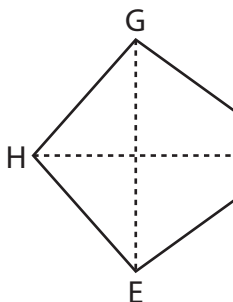
5)



LN = 14 in, KM = 20 in

Area = _____

7)



FH = 98 yd, EG = 81 yd

Area = _____

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ft



AC = 19 ft, BD = 11 ft

Area = _____

9) The lengths of the diagonals of a kite are 53 inches and 34 inches. What is the area of the kite?

Name : _____

Answer key

Area of a Kite

T2L2S5

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

1) diagonal 1 = 50 yd, diagonal 2 = 60 yd

Area = 1,500 yd²

2) diagonal 1 = 34 in, diagonal 2 = 26 in

Area = 442 in²

3) diagonal 1 = 85 ft, diagonal 2 = 79 ft

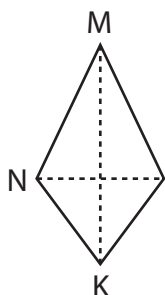
Area = 3,357.5 ft²

4) diagonal 1 = 96 yd, diagonal 2 = 91 yd

Area = 4,368 yd²

B) Find the area of each kite.

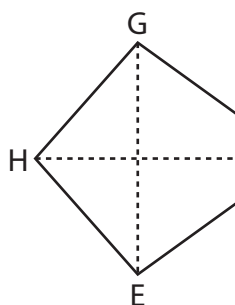
5)



LN = 14 in, KM = 25 in

Area = 175 in²

7)



FH = 98 yd, EG = 81 yd

Area = 3,969 yd²

9) The lengths of the diagonals of a kite are 53 inches and 34 inches. What is the area of the kite?

901 square inches

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ft

2



AC = 19 ft, BD = 11 ft

Area = 104.5 ft²