

Name : _____

Area of a Kite

T2L2S2

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

1) diagonal 1 = 63 in, diagonal 2 = 68 in

2) diagonal 1 = 22 yd, diagonal 2 = 16 yd

Area = _____

Area = _____

3) diagonal 1 = 34 ft, diagonal 2 = 42 ft

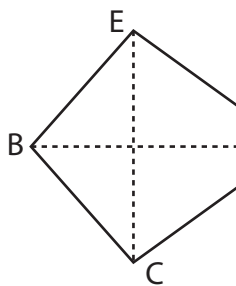
4) diagonal 1 = 25 yd, diagonal 2 = 37 yd

Area = _____

Area = _____

B) Find the area of each kite.

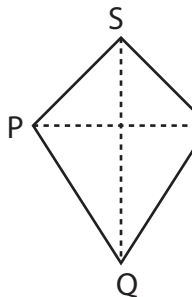
5)



CE = 44 yd, BD = 5

Area = _____

7)



QS = 90 ft, PR = 81 ft

Area = _____

PREVIEW

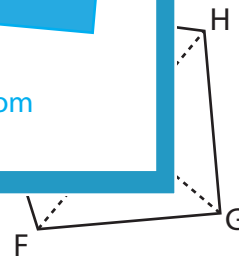
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M
in



FH = 40 ft, EG = 47 ft

Area = _____

9) If the diagonals of a kite measure 28 inches and 36 inches, determine the area of the kite.

Name : _____

Answer key

Area of a Kite

T2L2S2

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

1) diagonal 1 = 63 in, diagonal 2 = 68 in

Area = 2,142 in²

2) diagonal 1 = 22 yd, diagonal 2 = 16 yd

Area = 176 yd²

3) diagonal 1 = 34 ft, diagonal 2 = 42 ft

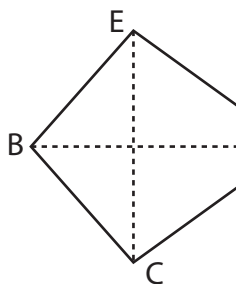
Area = 714 ft²

4) diagonal 1 = 25 yd, diagonal 2 = 37 yd

Area = 462.5 yd²

B) Find the area of each kite.

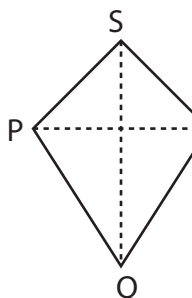
5)



CE = 44 yd, BD = 5

Area = 1,144

7)



QS = 90 ft, PR = 81 ft

Area = 3,645 ft²

PREVIEW

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FH = 40 ft, EG = 47 ft

Area = 940 ft²

9) If the diagonals of a kite measure 28 inches and 36 inches, determine the area of the kite.

504 square inches