

Name : _____

Area of a Kite

T2S2

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

1) diagonal 1 = 7.3 in, diagonal 2 = 13.6 in

2) diagonal 1 = 68.4 ft, diagonal 2 = 57.5 ft

Area = _____

Area = _____

3) diagonal 1 = 41.2 ft, diagonal 2 = 25.7 ft

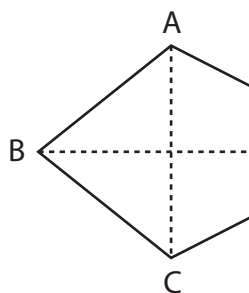
4) diagonal 1 = 4.6 yd, diagonal 2 = 9.3 yd

Area = _____

Area = _____

B) Find the area of each kite

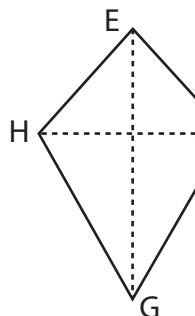
5)



BD = 20.5 in, AC = _____

Area = _____

7)



EG = 32.8 yd, FH = 22.3 yd

Area = _____

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51.6 yd



PR = 18.7 ft, QS = 6 ft

Area = _____

9) Determine the area of the kite whose diagonals measure 43.6 inches and 38.4 inches.

Name : _____

Answer key

Area of a Kite

T2S2

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

1) diagonal 1 = 7.3 in, diagonal 2 = 13.6 in

Area = 49.64 in²

2) diagonal 1 = 68.4 ft, diagonal 2 = 57.5 ft

Area = 1,966.5 ft²

3) diagonal 1 = 41.2 ft, diagonal 2 = 25.7 ft

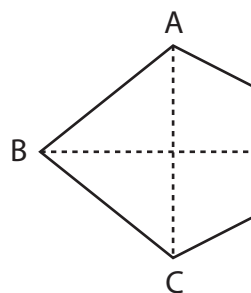
Area = 529.42 ft²

4) diagonal 1 = 4.6 yd, diagonal 2 = 9.3 yd

Area = 21.39 yd²

B) Find the area of each kite

5)



BD = 20.5 in, AC =

Area = 116.8!

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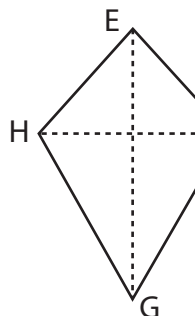
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51.6 yd

2 yd²

7)



EG = 32.8 yd, FH = 22.3 yd

Area = 365.72 yd²

PR = 18.7 ft, QS = 6 ft

Area = 56.1 ft²

9) Determine the area of the kite whose diagonals measure 43.6 inches and 38.4 inches.

837.12 square inches