

Name : _____

Area of a Kite

T2S5

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

1) diagonal 1 = 13.8 in, diagonal 2 = 7.6 in

Area = _____

2) diagonal 1 = 28.4 ft, diagonal 2 = 35.5 ft

Area = _____

3) diagonal 1 = 2.5 yd, diagonal 2 = 6.2 yd

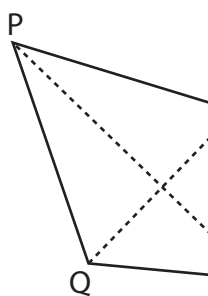
Area = _____

4) diagonal 1 = 94.3 in, diagonal 2 = 89.4 in

Area = _____

B) Find the area of each kite

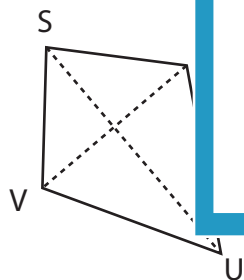
5)



PR = 66 yd, QS = 50 yd

Area = _____

7)



TV = 39 in, SU = 45.1 in

Area = _____

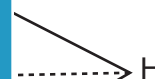
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21.6 yd



AC = 79.1 ft, BD = 73.2 ft

Area = _____

9) The lengths of the diagonals of a kite are 9 inches and 19.2 inches. What is the area of the kite?

Name : _____

Answer key

Area of a Kite

T2S5

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

1) diagonal 1 = 13.8 in, diagonal 2 = 7.6 in

Area = 52.44 in²

2) diagonal 1 = 28.4 ft, diagonal 2 = 35.5 ft

Area = 504.1 ft²

3) diagonal 1 = 2.5 yd, diagonal 2 = 6.2 yd

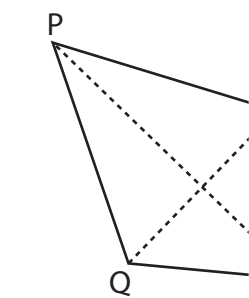
Area = 7.75 yd²

4) diagonal 1 = 94.3 in, diagonal 2 = 89.4 in

Area = 4,215.21 in²

B) Find the area of each kite

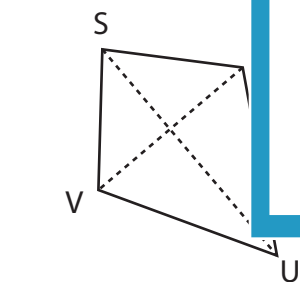
5)



PR = 66 yd, QS = 55 yd

Area = 1,844.7 yd²

7)



TV = 39 in, SU = 45.1 in

Area = 879.45 in²

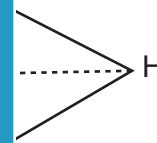
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21.6 yd

Area = 1,844.7 yd²



AC = 79.1 ft, BD = 73.2 ft

Area = 2,895.06 ft²

9) The lengths of the diagonals of a kite are 9 inches and 19.2 inches. What is the area of the kite?

86.4 square inches