

Name : _____

Area of a Kite

T2L1S5

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

1) diagonal 1 = 5 ft, diagonal 2 = 9 ft

Area = _____

2) diagonal 1 = 10 in, diagonal 2 = 4 in

Area = _____

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

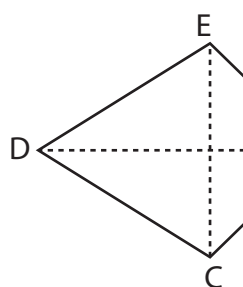
Area = _____

4) diagonal 1 = 13 ft, diagonal 2 = 7 ft

Area = _____

B) Find the area of each kite.

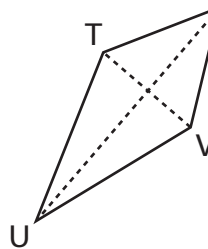
5)



CE = 17 yd, DF = 10 yd

Area = _____

7)



SU = 11 in, TV = 6 in

Area = _____

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QS = 18 yd, PR = 14 yd

Area = _____

9) The lengths of the diagonals of a kite are 15 feet and 20 feet. What is the area of the kite?

Name : _____

Answer key

Area of a Kite

T2L1S5

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

1) diagonal 1 = 5 ft, diagonal 2 = 9 ft

Area = 22.5 ft²

2) diagonal 1 = 10 in, diagonal 2 = 4 in

Area = 20 in²

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

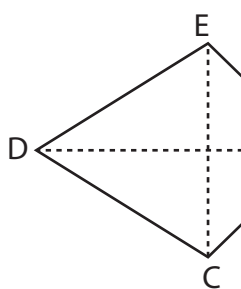
Area = 3 yd²

4) diagonal 1 = 13 ft, diagonal 2 = 7 ft

Area = 45.5 ft²

B) Find the area of each kite

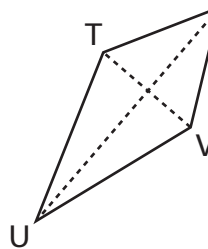
5)



CE = 17 yd, DF = 15 yd

Area = 161.5 yd²

7)



SU = 11 in, TV = 6 in

Area = 33 in²

9) The lengths of the diagonals of a kite are 15 feet and 20 feet. What is the area of the kite?

150 square feet

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