

Name : _____

Area of a Kite

T2S3

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

1) diagonal 1 = 228 in, diagonal 2 = 34 ft

Area = _____ ft^2

2) diagonal 1 = 41 yd, diagonal 2 = 69 ft

Area = _____ yd^2

3) diagonal 1 = 27 yd, diagonal 2 = 612 in

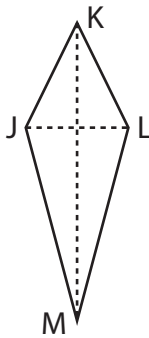
Area = _____ yd^2

4) diagonal 1 = 95 in, diagonal 2 = 7.5 ft

Area = _____ in^2

B) Find the area of each kite.

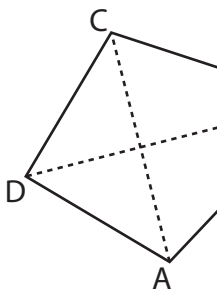
5)



$JL = 0.1 \text{ yd}$, $KM = 1 \text{ yd}$

Area = _____

7)



$AC = 8 \text{ ft}$, $BD = 5 \text{ yd}$

Area = _____ ft^2

$XZ = 324 \text{ in}$, $WY = 30 \text{ yd}$

Area = _____ yd^2

9) If the diagonals of a kite measure 9 feet and 28.8 inches, determine the area of the kite.

_____ square feet

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Name : _____

Answer key

Area of a Kite

T2S3

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

1) diagonal 1 = 228 in, diagonal 2 = 34 ft

Area = 323 ft²

2) diagonal 1 = 41 yd, diagonal 2 = 69 ft

Area = 471.5 yd²

3) diagonal 1 = 27 yd, diagonal 2 = 612 in

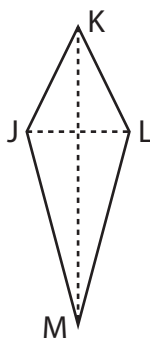
Area = 229.5 yd²

4) diagonal 1 = 95 in, diagonal 2 = 7.5 ft

Area = 4,275 in²

B) Find the area of each kite.

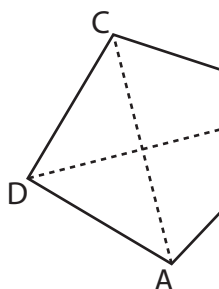
5)



JL = 0.1 yd, KM = 19.8 ft

Area = 19.8 yd²

7)



AC = 8 ft, BD = 5 yd

Area = 60 ft²

XZ = 324 in, WY = 30 yd

Area = 135 yd²

9) If the diagonals of a kite measure 9 feet and 28.8 inches, determine the area of the kite.

10.8 square feet

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