

Name : _____

Area of a Kite

T2S4

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

1) diagonal 1 = 76 in, diagonal 2 = 2.8 yd

2) diagonal 1 = 22 yd, diagonal 2 = 105 ft

Area = _____ in²

Area = _____ yd²

3) diagonal 1 = 15 yd, diagonal 2 = 16 ft

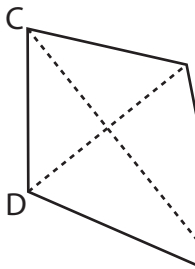
4) diagonal 1 = 4 ft, diagonal 2 = 27 in

Area = _____ ft²

Area = _____ in²

B) Find the area of each kite.

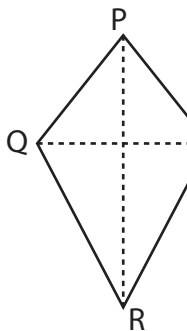
5)



CE = 47 ft, DF = 38 ft

Area = _____

7)



PR = 34 yd, QS = 720 in

Area = _____ yd²

BD = 7.5 in, AC = 1.7 ft

Area = _____ in²

9) Determine the area of the kite whose diagonals measure 120 feet and 11 yards.

_____ square yards

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name : _____

Answer key

Area of a Kite

T2S4

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

1) diagonal 1 = 76 in, diagonal 2 = 2.8 yd

Area = 3,830.4 in²

2) diagonal 1 = 22 yd, diagonal 2 = 105 ft

Area = 385 yd²

3) diagonal 1 = 15 yd, diagonal 2 = 16 ft

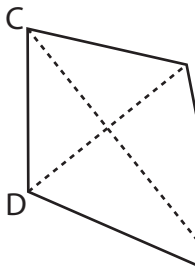
Area = 360 ft²

4) diagonal 1 = 4 ft, diagonal 2 = 27 in

Area = 648 in²

B) Find the area of each kite

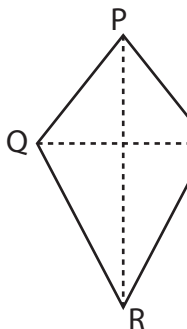
5)



CE = 47 ft, DF = 38

Area = 752

7)



PR = 34 yd, QS = 720 in

Area = 340 yd²

BD = 7.5 in, AC = 1.7 ft

Area = 76.5 in²

9) Determine the area of the kite whose diagonals measure 120 feet and 11 yards.

220 square yards

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com