

Name : \_\_\_\_\_

## Area of a Kite

T2S4

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

1) diagonal 1 = 3.6 ft, diagonal 2 = 9.7 ft

Area = \_\_\_\_\_

2) diagonal 1 = 20 yd, diagonal 2 = 23.8 yd

Area = \_\_\_\_\_

3) diagonal 1 = 51.1 ft, diagonal 2 = 46 ft

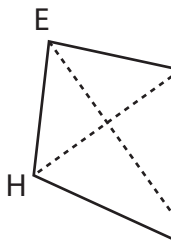
Area = \_\_\_\_\_

4) diagonal 1 = 12.5 in, diagonal 2 = 10 in

Area = \_\_\_\_\_

B) Find the area of each kite.

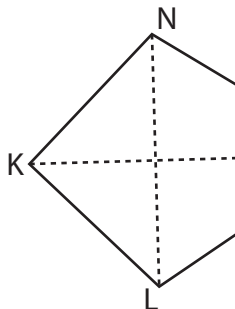
5)



FH = 15.1 yd, EG = 72.4 ft

Area = \_\_\_\_\_

7)



KM = 65.3 ft, LN = 59.2 ft

Area = \_\_\_\_\_

# 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](http://www.mathworksheets4kids.com)



72.4 ft



XZ = 30.7 in, WY = 37 in

Area = \_\_\_\_\_

9) If the diagonals of a kite measure 40.2 feet and 28.5 feet, determine the area of the kite.

\_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

### Area of a Kite

T2S4

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

1) diagonal 1 = 3.6 ft, diagonal 2 = 9.7 ft

Area = 17.46 ft<sup>2</sup>

2) diagonal 1 = 20 yd, diagonal 2 = 23.8 yd

Area = 238 yd<sup>2</sup>

3) diagonal 1 = 51.1 ft, diagonal 2 = 46 ft

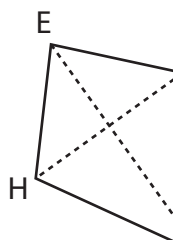
Area = 1,175.3 ft<sup>2</sup>

4) diagonal 1 = 12.5 in, diagonal 2 = 10 in

Area = 62.5 in<sup>2</sup>

B) Find the area of each kite

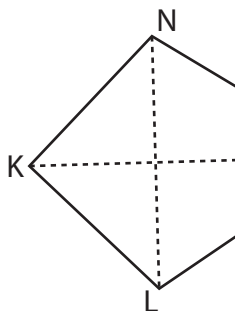
5)



FH = 15.1 yd, EG = 17.8 yd

Area = 134.39 yd<sup>2</sup>

7)



KM = 65.3 ft, LN = 59.2 ft

Area = 1,932.88 ft<sup>2</sup>

**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](http://www.mathworksheets4kids.com)



72.4 ft

Area = 2672 ft<sup>2</sup>



XZ = 30.7 in, WY = 37 in

Area = 567.95 in<sup>2</sup>

9) If the diagonals of a kite measure 40.2 feet and 28.5 feet, determine the area of the kite.

572.85 square feet