

Name : _____

Area of a Kite

T2S4

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

1) diagonal 1 = 6 ft, diagonal 2 = $\frac{19}{6}$ ft

Area = _____

2) diagonal 1 = $\frac{3}{5}$ yd, diagonal 2 = $\frac{4}{3}$ yd

Area = _____

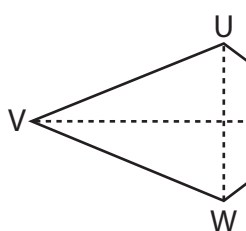
3) diagonal 1 = $1\frac{1}{2}$ ft, diagonal 2 = $\frac{1}{2}$ ft

Area = _____

4) diagonal 1 = $2\frac{3}{8}$ in, diagonal 2 = 10 in

B) Find the area of each kite.

5)



$UW = \frac{3}{7}$ in, $VX = \frac{7}{3}$ in

Area = _____

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7) Find the area of the kite.

8) The lengths of the diagonals of a kite are $6\frac{3}{4}$ yards and $1\frac{4}{9}$ yards. What is 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 = 6 ft, diagonal 2 = $\frac{19}{6}$ ft

Area = $\frac{19}{2}$ or $9\frac{1}{2}$ ft²

2) diagonal 1 = $\frac{3}{5}$ yd, diagonal 2 = $\frac{4}{3}$ yd

Area = $\frac{2}{5}$ yd²

3) diagonal 1 = $1\frac{1}{2}$ ft, diagonal 2 = $\frac{1}{2}$ ft

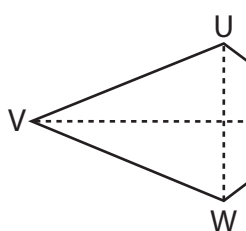
Area = $\frac{3}{8}$

4) diagonal 1 = $2\frac{3}{8}$ in, diagonal 2 = 10 in

$\frac{7}{8}$ in²

B) Find the area of each kite.

5)



$UW = \frac{3}{7}$ in, $VX = \frac{7}{3}$ in

Area = $\frac{1}{2}$ in²

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7) Find the area of the kite.

6 square feet

8) The lengths of the diagonals of a kite are $6\frac{3}{4}$ yards and $1\frac{4}{9}$ yards. What is the area of the kite?

$\frac{39}{8}$ or $4\frac{7}{8}$ square yards