

Name : _____

Area of a Kite

T2S2

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

1) diagonal 1 = $6\frac{3}{4}$ in, diagonal 2 = $\frac{4}{9}$ in

Area = _____

2) diagonal 1 = $\frac{8}{3}$ ft, diagonal 2 = $\frac{18}{7}$ ft

Area = _____

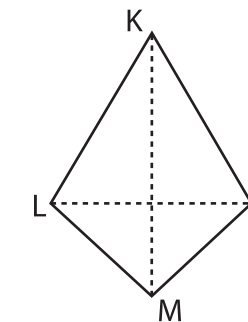
3) diagonal 1 = $3\frac{1}{5}$ ft, diagonal 2 = $8\frac{1}{3}$ ft

Area = _____

4) diagonal 1 = 21 yd, diagonal 2 = $1\frac{5}{7}$ yd

B) Find the area of each kite.

5)



$KM = \frac{13}{4}$ yd, $LN =$ _____

Area = _____

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7) The lengths of the diagonals are _____ and _____.

Area of the kite? _____

8) If the diagonals of a kite measure $6\frac{2}{3}$ inches and $\frac{5}{3}$ inches, determine the area of the kite.