

Name : _____

Area of a Kite

T2S5

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

1) diagonal 1 = $\frac{16}{7}$ yd, diagonal 2 = $5\frac{1}{4}$ yd

Area = _____

2) diagonal 1 = 10 ft, diagonal 2 = $\frac{9}{4}$ ft

Area = _____

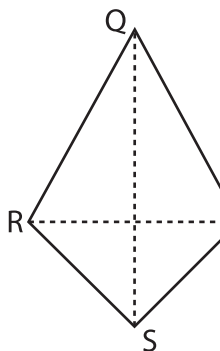
3) diagonal 1 = $\frac{5}{7}$ in, diagonal 2 = $3\frac{1}{2}$ in

Area = _____

4) diagonal 1 = $\frac{25}{8}$ ft, diagonal 2 = $\frac{2}{5}$ ft

B) Find the area of each kite.

5)



QS = 16 ft, RT = 13

Area = _____

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7) The lengths of the diagonals are 10 ft and $\frac{3}{4}$ in.

What is the area of the kite?

8) If the diagonals of a kite measure $\frac{10}{3}$ inches and 9 inches, determine the area of the kite.
