

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

## Area of a Kite

T2S3

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

1) diagonal 1 =  $1\frac{7}{8}$  yd, diagonal 2 = 32 yd

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

2) diagonal 1 =  $\frac{5}{3}$  yd, diagonal 2 =  $6\frac{3}{4}$  yd

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

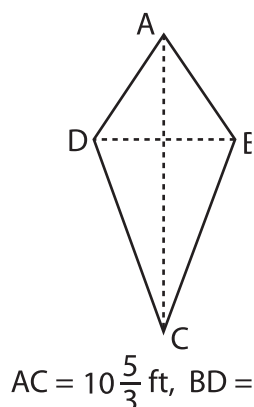
3) diagonal 1 =  $\frac{15}{2}$  in, diagonal 2 =  $\frac{18}{5}$  in

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

4) diagonal 1 =  $\frac{2}{5}$  ft, diagonal 2 =  $\frac{20}{3}$  ft

B) Find the area of each kite.

5)



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

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7) If the diagonals of a kite are 12 yards and  $\frac{7}{2}$  yards, find the area of the kite.

\_\_\_\_\_

8) Find the area of the kite whose diagonals measure 12 yards and  $\frac{7}{2}$  yards.

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