

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

## Area of a Kite

T2S1

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

1) diagonal 1 = 12 in, diagonal 2 = 0.2 yd

2) diagonal 1 = 312 in, diagonal 2 = 18 ft

Area = \_\_\_\_\_ in<sup>2</sup>

Area = \_\_\_\_\_ ft<sup>2</sup>

3) diagonal 1 = 0.5 ft, diagonal 2 = 8 in

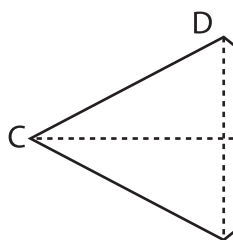
4) diagonal 1 = 21 yd, diagonal 2 = 51 ft

Area = \_\_\_\_\_ in<sup>2</sup>

Area = \_\_\_\_\_ yd<sup>2</sup>

B) Find the area of each kite

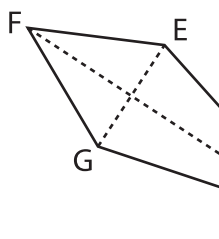
5)



BD = 16.5 yd, AC = \_\_\_\_\_

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

7)



EG = 1,116 in, FH = 48 yd

Area = \_\_\_\_\_ yd<sup>2</sup>

LN = 6 in, KM = 0.3 ft

Area = \_\_\_\_\_ in<sup>2</sup>

9) Determine the area of the kite whose diagonals measure 46 yards and 99 feet.

\_\_\_\_\_ square yards

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