

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

## Area of a Rhombus

Sheet 1

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

1) diagonal 1 = 6 yd, diagonal 2 = 72 in

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

2) diagonal 1 = 7 yd, diagonal 2 = 27 ft

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

3) diagonal 1 = 33 in, diagonal 2 = 4 ft

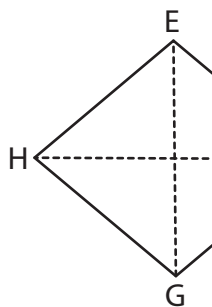
Area = \_\_\_\_\_ in<sup>2</sup>

4) diagonal 1 = 16 ft, diagonal 2 = 96 in

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

B) Find the area of each rhombus.

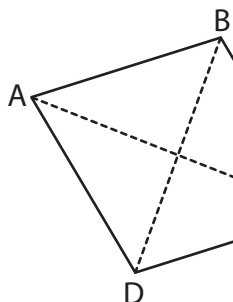
5)



EG = 42 ft ; HF = \_\_\_\_\_

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

7)



AC = 192 in ; BD = 6.5 ft

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



\_\_\_\_\_ yd

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



KM = 40 yd ; LN = 141 ft

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

9) The lengths of the diagonals of a rhombus are 2.7 feet and 25 inches. Find the area.

\_\_\_\_\_ square inches

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