

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

## Area of a Rhombus

Sheet 1

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

1) diagonal 1 = 6 mm, diagonal 2 = 0.2 cm

Area = \_\_\_\_\_  $\text{mm}^2$

2) diagonal 1 = 2,100 cm, diagonal 2 = 27 m

Area = \_\_\_\_\_  $\text{m}^2$

3) diagonal 1 = 0.33 m, diagonal 2 = 48 cm

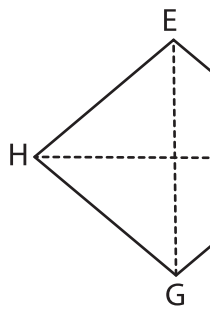
Area = \_\_\_\_\_  $\text{cm}^2$

4) diagonal 1 = 16 m, diagonal 2 = 8,000 mm

Area = \_\_\_\_\_  $\text{m}^2$

B) Find the area of each rhombus.

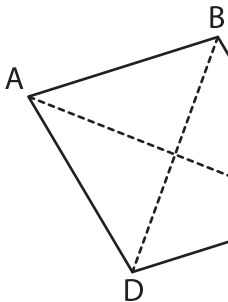
5)



$EG = 1.4 \text{ cm}$  ;  $HF = 3.2 \text{ cm}$

Area = \_\_\_\_\_  $\text{cm}^2$

7)



$AC = 16 \text{ m}$  ;  $BD = 6,500 \text{ mm}$

Area = \_\_\_\_\_  $\text{m}^2$



$ST = 32 \text{ cm}$

Area = \_\_\_\_\_  $\text{cm}^2$



$KM = 40 \text{ mm}$  ;  $LN = 4.7 \text{ cm}$

Area = \_\_\_\_\_  $\text{mm}^2$

9) The lengths of the diagonals of a rhombus are 3,240 cm and 25 m. Find the area in square metres.

\_\_\_\_\_

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