

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

## Area of a Rhombus

T2S5

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

1) diagonal 1 = 34.8 ft, diagonal 2 = 46.4 ft

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

2) diagonal 1 = 65 yd, diagonal 2 = 91.2 yd

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

3) diagonal 1 = 18.2 in, diagonal 2 = 23.5 in

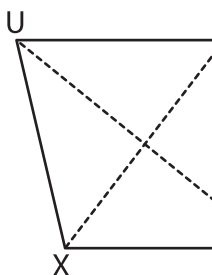
Area = \_\_\_\_\_

4) diagonal 1 = 6.3 ft, diagonal 2 = 16 ft

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

B) Find the area of each rhombus.

5)



$UW = 47.1$  yd ;  $VS = 23.5$  yd

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

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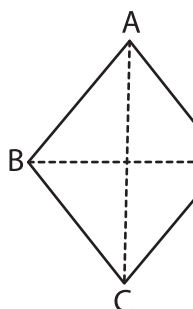
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$SR = 7.7$  ft ;  $TR = 4.8$  ft

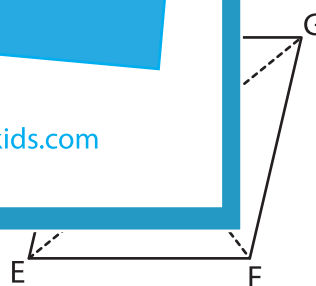
Area = \_\_\_\_\_

7)



$AC = 19$  ft ;  $BD = 15.9$  ft

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



$EG = 39.6$  in ;  $HF = 29.5$  in

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

9) The lengths of the diagonals of a rhombus are 55.6 yards and 89.3 yards. Determine the area.

\_\_\_\_\_