

Name : _____

Area of a Rhombus

Sheet 4

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

1) diagonal 1 = 15 yd, diagonal 2 = 33 ft

Area = _____ yd²

2) diagonal 1 = 3 ft, diagonal 2 = 40 in

Area = _____ in²

3) diagonal 1 = 27 in, diagonal 2 = 1 yd

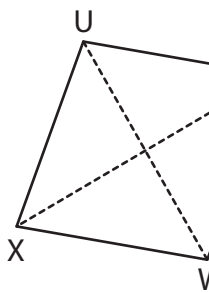
Area = _____ in²

4) diagonal 1 = 54 ft, diagonal 2 = 7 yd

Area = _____ ft²

B) Find the area of each rhombus.

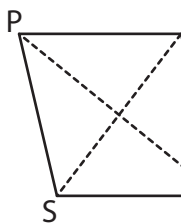
5)



VX = 1.6 ft ; UW = 2.5 ft

Area = _____

7)



QS = 4 ft ; PR = 2.5 yd

Area = _____ ft²

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L

M

900 in

_____ yd²

E

D

BD = 192 in ; CE = 26 ft

Area = _____ ft²

9) The diagonals of a rhombus measure 42 feet and 10 yards. Determine the area.

_____ square yards

Area of a Rhombus

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

1) diagonal 1 = 15 yd, diagonal 2 = 33 ft

2) diagonal 1 = 3 ft, diagonal 2 = 40 in

Area = 82.5 yd²

Area = 720 in²

3) diagonal 1 = 27 in, diagonal 2 = 1 yd

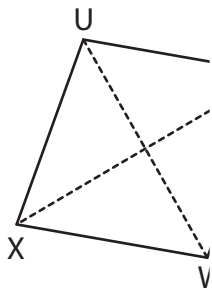
4) diagonal 1 = 54 ft, diagonal 2 = 7 yd

Area = 486 in²

Area = 567 ft²

B) Find the area of each rhombus.

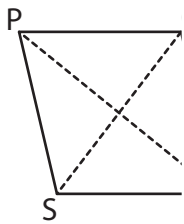
5)



VX = 1.6 ft ; UW = 1.5 ft

Area = 115 ft²

7)



QS = 4 ft ; PR = 2.5 yd

Area = 15 ft²

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BD = 192 in ; CE = 26 ft

Area = 208 ft²

9) The diagonals of a rhombus measure 42 feet and 10 yards. Determine the area.

70 square yards