

Name : _____

Area of a Rhombus

Sheet 3

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

1) diagonal 1 = 49 in, diagonal 2 = 2 ft

Area = _____ in²

2) diagonal 1 = 1 yd, diagonal 2 = 39.1 in

Area = _____ in²

3) diagonal 1 = 4.8 ft, diagonal 2 = 4.3 yd

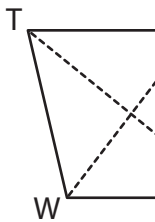
Area = _____ ft²

4) diagonal 1 = 12 yd, diagonal 2 = 972 in

Area = _____ yd²

B) Find the area of each rhombus.

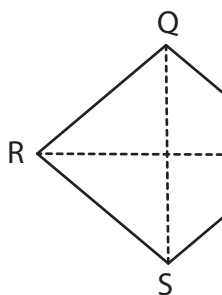
5)



UW = 288 in ; TV = 46 ft

Area = _____ ft²

7)



RT = 3 ft ; QS = 30 in

Area = _____ in²

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DF = 30 ft ; CE = 7 yd

Area = _____ yd²

9) Determine the area of the rhombus in square feet whose diagonals measure 11 yards and 22 feet.

Area of a Rhombus

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

1) diagonal 1 = 49 in, diagonal 2 = 2 ft

2) diagonal 1 = 1 yd, diagonal 2 = 39.1 in

Area = 588 in²

Area = 703.8 in²

3) diagonal 1 = 4.8 ft, diagonal 2 = 4.3 yd

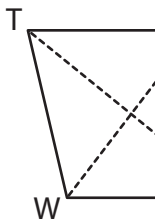
4) diagonal 1 = 12 yd, diagonal 2 = 972 in

Area = 30.96 ft²

Area = 162 yd²

B) Find the area of each rhombus.

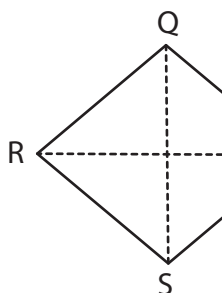
5)



UW = 288 in ; TV = 46 ft

Area = 56 ft²

7)



RT = 3 ft ; QS = 30 in

Area = 540 in²

DF = 30 ft ; CE = 7 yd

Area = 35 yd²

9) Determine the area of the rhombus in square feet whose diagonals measure 11 yards and 22 feet.

363 square feet

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