

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

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

Area = _____

Area = _____

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

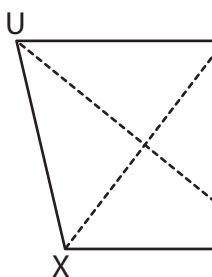
4) diagonal 1 = 6.3 ft, diagonal 2 = 16 ft

Area = _____

Area = _____

B) Find the area of each rhombus.

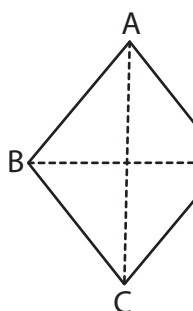
5)



$UW = 47.1$ yd ; $VS = 7.7$ ft

Area = _____

7)



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

Area = _____

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$EG = 39.6$ 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.

Name : _____

Answer key

T2S5

Area of a Rhombus

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

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

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

Area = 807.36 ft²

Area = 2,964 yd²

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

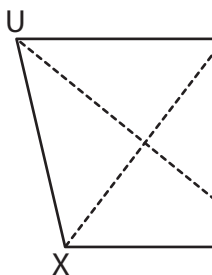
4) diagonal 1 = 6.3 ft, diagonal 2 = 16 ft

Area = 213.85 in²

Area = 50.4 ft²

B) Find the area of each rhombus.

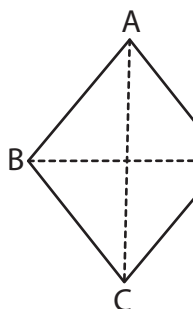
5)



UW = 47.1 yd ; VX = 30.2 yd

Area = 772.44 yd²

7)



AC = 19 ft ; BD = 15.9 ft

Area = 151.05 ft²

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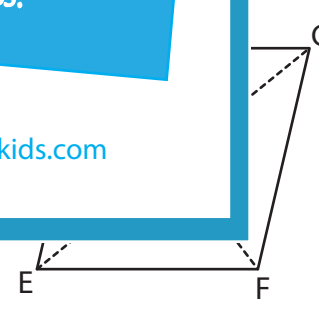
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SR = 7.7 ft ; TR = 5.5 ft

Area = 20.13 ft²



EG = 39.6 in ; HF = 29.5 in

Area = 584.1 in²

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

2,482.54 square yards