

Name : _____

Area of a Rhombus

T2L1S1

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

1) diagonal 1 = 4 yd, diagonal 2 = 2 yd

Area = _____

2) diagonal 1 = 13 in, diagonal 2 = 11 in

Area = _____

3) diagonal 1 = 6 ft, diagonal 2 = 12 ft

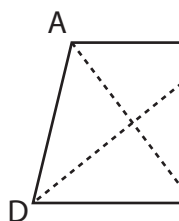
Area = _____

4) diagonal 1 = 15 yd, diagonal 2 = 7 yd

Area = _____

B) Find the area of each rhombus.

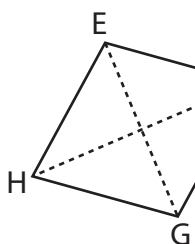
5)



AC = 8 in ; BD = 20 ft

Area = _____

7)



FH = 18 ft ; EG = 9 ft

Area = _____

UW = 3 yd ; VX = 5 yd

Area = _____

9) The lengths of the diagonals of a rhombus are 17 inches and 19 inches. Find the area.

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Name : _____

Answer key

Area of a Rhombus

T2L1S1

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

1) diagonal 1 = 4 yd, diagonal 2 = 2 yd

Area = 4 yd²

2) diagonal 1 = 13 in, diagonal 2 = 11 in

Area = 71.5 in²

3) diagonal 1 = 6 ft, diagonal 2 = 12 ft

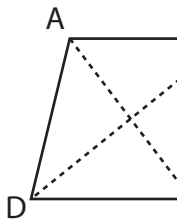
Area = 36 ft²

4) diagonal 1 = 15 yd, diagonal 2 = 7 yd

Area = 52.5 yd²

B) Find the area of each rhombus.

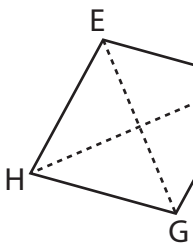
5)



AC = 8 in ; BD = 10 in

Area = 40 in²

7)



FH = 18 ft ; EG = 9 ft

Area = 81 ft²

UW = 3 yd ; VX = 5 yd

Area = 7.5 yd²

9) The lengths of the diagonals of a rhombus are 17 inches and 19 inches. Find the area.

161.5 square inches

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