

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

## Area of a Rhombus

T2L2S1

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

1) diagonal 1 = 12 in, diagonal 2 = 62 in

2) diagonal 1 = 54 ft, diagonal 2 = 26 ft

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

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

3) diagonal 1 = 77 yd, diagonal 2 = 71 yd

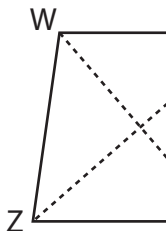
4) diagonal 1 = 21 in, diagonal 2 = 33 in

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

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

B) Find the area of each rhombus.

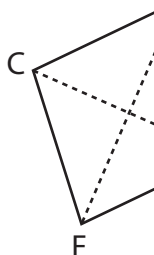
5)



WY = 23 ft ; XZ = 94 yd

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

7)



DF = 35 yd ; CE = 17 yd

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



V = 94 yd



QS = 65 in ; PR = 59 in

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

9) What is the area of a rhombus, if the diagonals measure 55 feet and 48 feet?

\_\_\_\_\_

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

## Answer key

T2L2S1

### Area of a Rhombus

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

1) diagonal 1 = 12 in, diagonal 2 = 62 in

2) diagonal 1 = 54 ft, diagonal 2 = 26 ft

Area = 372 in<sup>2</sup>

Area = 702 ft<sup>2</sup>

3) diagonal 1 = 77 yd, diagonal 2 = 71 yd

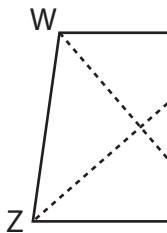
4) diagonal 1 = 21 in, diagonal 2 = 33 in

Area = 2,733.5 yd<sup>2</sup>

Area = 346.5 in<sup>2</sup>

B) Find the area of each rhombus.

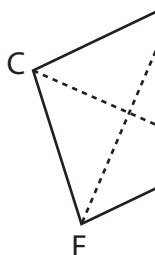
5)



WY = 23 ft ; XZ = 82 ft

Area = 943 ft<sup>2</sup>

7)



DF = 35 yd ; CE = 17 yd

Area = 297.5 yd<sup>2</sup>



V = 94 yd

Area = 1,092 yd<sup>2</sup>



QS = 65 in ; PR = 59 in

Area = 1,917.5 in<sup>2</sup>

9) What is the area of a rhombus, if the diagonals measure 55 feet and 48 feet?

1,320 square feet

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