

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

## Area of a Rhombus

T2L1S2

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

1) diagonal 1 = 19 ft, diagonal 2 = 5 ft

2) diagonal 1 = 9 yd, diagonal 2 = 3 yd

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

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

3) diagonal 1 = 14 in, diagonal 2 = 6 in

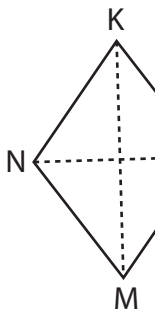
4) diagonal 1 = 18 ft, diagonal 2 = 16 ft

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

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

B) Find the area of each rhombus.

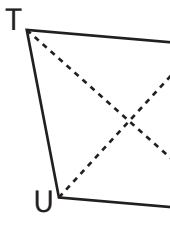
5)



LN = 7 yd ; KM = 10 yd

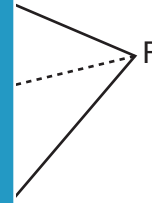
Area = \_\_\_\_\_

7)



TV = 16 in ; SU = 8 in

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



EG = 17 in ; FH = 10 in

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



QS = 11 ft ; PR = 4 ft

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

9) What is the area of the rhombus, if the diagonals measure 20 yards and 10 yards?

\_\_\_\_\_

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

## Answer key

### Area of a Rhombus

T2L1S2

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

1) diagonal 1 = 19 ft, diagonal 2 = 5 ft

2) diagonal 1 = 9 yd, diagonal 2 = 3 yd

Area = 47.5 ft<sup>2</sup>

Area = 13.5 yd<sup>2</sup>

3) diagonal 1 = 14 in, diagonal 2 = 6 in

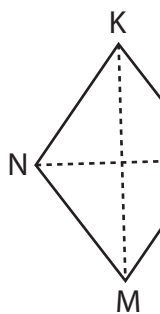
4) diagonal 1 = 18 ft, diagonal 2 = 16 ft

Area = 42 in<sup>2</sup>

Area = 144 ft<sup>2</sup>

B) Find the area of each rhombus.

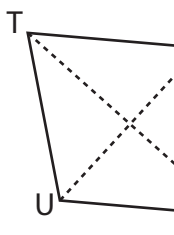
5)



LN = 7 yd ; KM = 11 yd

Area = 38.5 yd<sup>2</sup>

7)



TV = 16 in ; SU = 8 in

Area = 64 in<sup>2</sup>

QS = 11 ft ; PR = 4 ft

Area = 22 ft<sup>2</sup>

9) What is the area of the rhombus, if the diagonals measure 20 yards and 10 yards?

100 square yards

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