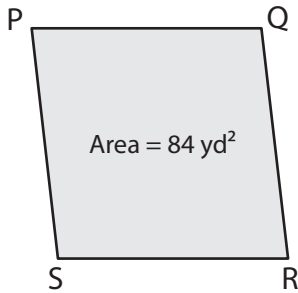


Name : \_\_\_\_\_

## Area of a Rhombus

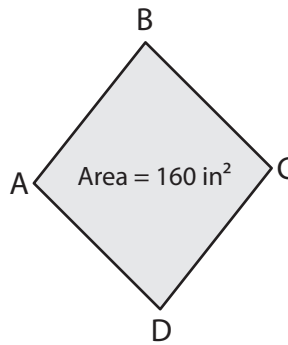
1)



PR = 14 yd. Find QS.

\_\_\_\_\_

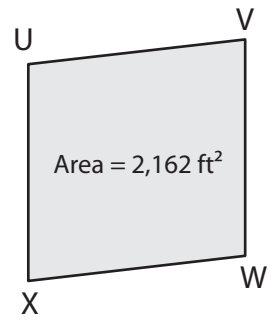
2)



AC = 16 in. Find BD.

\_\_\_\_\_

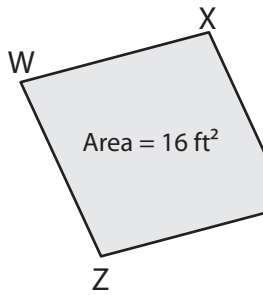
3)



VX = 94 ft. Find UW.

\_\_\_\_\_

4)



XZ = 4 ft. Find WY.

\_\_\_\_\_

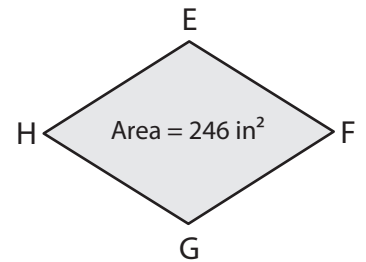
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FH = 24 in. Find EG.

\_\_\_\_\_

7) The length of one of the diagonals is 35 square inches. Find the length of the other diagonal,

\_\_\_\_\_

\_\_\_\_\_

8) The area of a rhombus is 1,020 square feet. If one of the diagonals measures 50 feet, find the length of the other diagonal.

\_\_\_\_\_

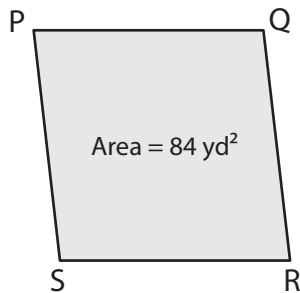
Name : \_\_\_\_\_

## Answer key

Sheet 1

### Area of a Rhombus

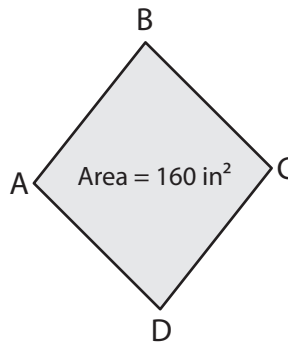
1)



PR = 14 yd. Find QS.

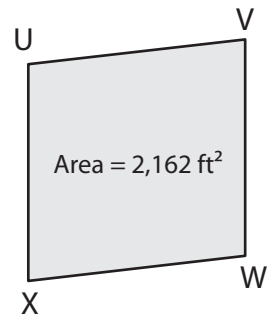
**QS = 12 yd**

2)



AC = 16 in. Find BD.

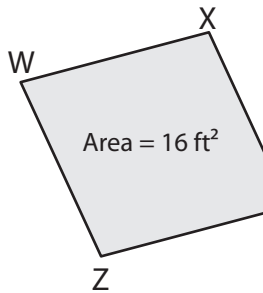
3)



VX = 94 ft. Find UW.

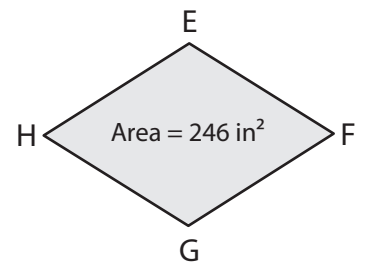
**UW = 46 ft**

4)



XZ = 4 ft. Find WY.

**WY = 8 ft**



FH = 24 in. Find EG.

**EG = 20.5 in**

7) The length of one of the diagonals is 10 inches. Find the length of the other diagonal, if area is 35 square inches.

**10 inches**

8) The area of a rhombus is 1,020 square feet. If one of the diagonals measures 50 feet, find the length of the other diagonal.

**40.8 feet**

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