Use the coordinate plane below to answer the questions.
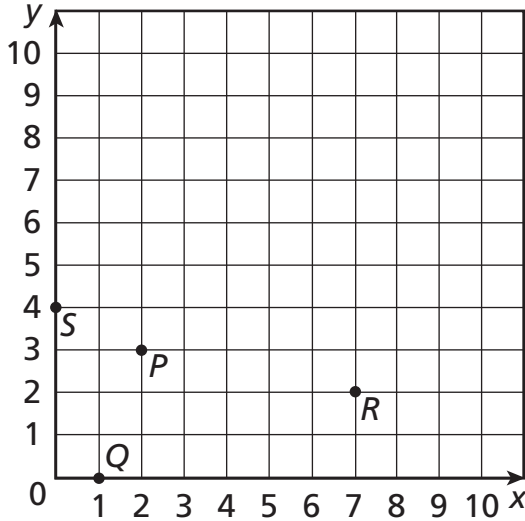

Write an ordered pair to represent the location of each point.

1 point P _____

2 point Q _____

3 point R _____

4 point S _____

Plot and label a point at each location.

5 point W at (3, 9)

6 point X at (3, 5)

7 point Y at (9, 5)

Solve.

8 Suppose points W, X, and Y represent three vertices of rectangle WXYZ. Where should point Z be plotted?

_____

Plot and label point Z. Then use a ruler to draw the rectangle.

9 What ordered pair represents the point at the center of the rectangle?

_____

10 Use subtraction to find the lengths of segments WX and XY. Show your work.

_____

Divide.

1 $0.9\overline{)54}$

2 $0.09\overline{)27}$

3 $1.2\overline{)0.6}$

4 $0.06\overline{)48}$

5 $0.4\overline{)188.4}$

6 $0.08\overline{)56}$

7 **a.** Write the first five terms of a numerical pattern that begins with 5 and then adds 6.

_____

b. Write an expression for the sixth term of the pattern.

_____

c. Write the sixth term.

_____

8 **Stretch Your Thinking** List and graph four ordered pairs that are vertices of a rectangle with a perimeter of 16 units.

_____

The Coordinate Plane