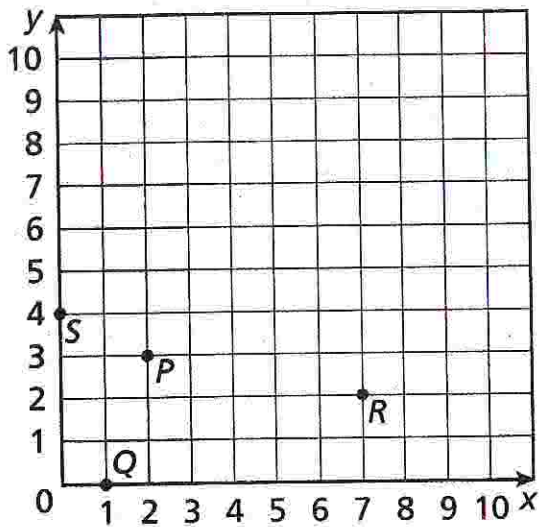


Homework

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.

Remembering

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.

