

Aldine 9: Algebra Homework #14

www.aldine9math.weebly.com

Assigned

A: 10/7 Tues

B: 10/8 Wed

Due

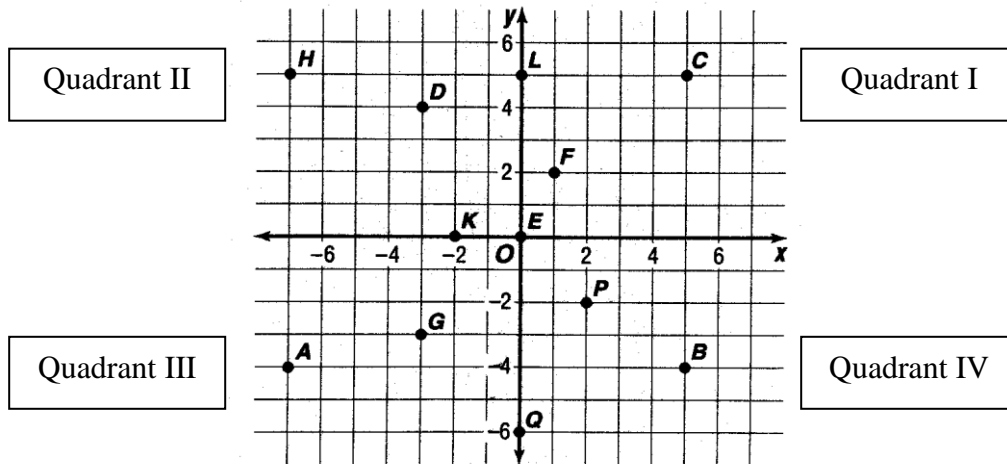
A: 10/9 Thurs

B: 10/10 Fri

Name: _____

Period: _____

In 1 – 5, answer the questions about the points in the grid below.



Name the coordinates of the points.

Where does each point lie? (Circle the quadrant or axis)

- | | | | | | | |
|--------------------------------|---|----|-----|----|---|---|
| 1. Point A = (_____ , _____) | I | II | III | IV | X | Y |
| 2. Point P = (_____ , _____) | I | II | III | IV | X | Y |
| 3. Point C = (_____ , _____) | I | II | III | IV | X | Y |
| 4. Point D = (_____ , _____) | I | II | III | IV | X | Y |
| 5. Point Q = (_____ , _____) | I | II | III | IV | X | Y |

Which quadrant satisfies the following conditions?

6. When x is positive & y is negative. _____
7. When x is negative & y is negative. _____
8. When x is positive & y is positive. _____
9. When x is negative & y is positive. _____

Using the graph above, which points would meet the following conditions?

- | | |
|-------------------------------------|---------------------------------------|
| 10. $x < 0$ and $y = 0$ Point _____ | 11. $x > 1$ and $y < -3$ Point _____ |
| 12. $x = 0$ and $y > 1$ Point _____ | 13. $x < -3$ and $y > -3$ Point _____ |