CCM6 and CCM6PLUS Unit 10 Review

**Distance and Geometry in the Coordinate Plane Review**

Name_____

Date_____ Pd_____

**Plot the points and determine the quadrant number.**

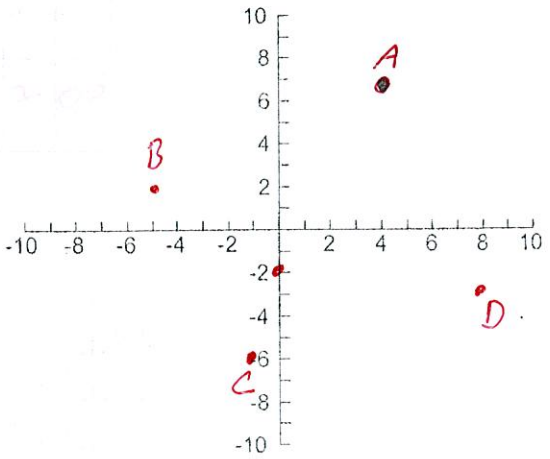
A (4, 7) Quadrant I

B (-5, 2) Quadrant II

C (-1, -6) Quadrant III

D (8, 3) Quadrant IV

E (0, -2) Quadrant y-axis




**Fill in the blank:**

6) In Quadrant I, x is positive and y is positive.

7) In which Quadrant is x positive and y is negative? IV

**Find the distance between the following points.**
**Use the graph if needed.**

8. (2, 3) and (2, -10) 13

9. (-8, 0) and (3, 0) 11

10. (-1, 10) and (-4, 10) 3

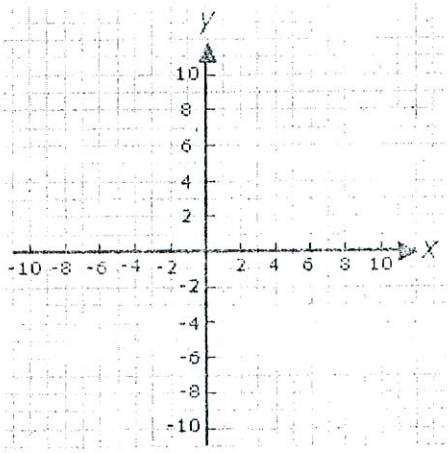
11. (7, 6) and (7, -1) 7

12. (-9, 6) and (-2, 6) 7

13. $(3, -2\frac{1}{5})$ and $(3, 7\frac{1}{5})$ $9\frac{8}{15}$

$3, -2\frac{3}{15}$ $3, 7\frac{5}{15}$

$9\frac{8}{15}$




**Complete the table, using the original point as your starting point.**

| Point | Reflect Across X-Axis | Reflect Across Y-Axis |
|---|---|---|
| (7,-2) | (7,2) | (-7,-2) |
| (-6,-4) | (-6, 4) | (6, -4) |
| (3, 8) | (3, -8) | (-3, 8) |
| (-5,8) | (-5, -8) | (5, 8) |