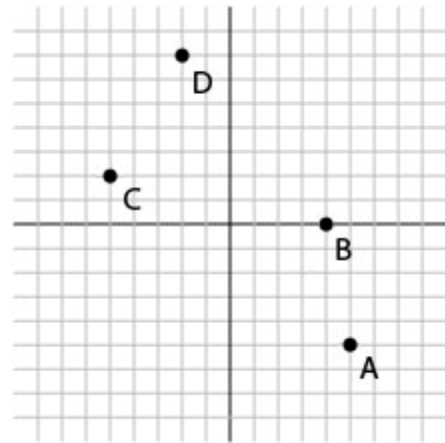


Section 4.1 – Two-Dimensional Coordinates

Problem Set 3

1. Give the coordinates of the points in the graph on the right.
2. In which quadrants are the points in the graph on the right?



Graph the coordinates below. You can do this on graph paper or a piece of regular paper where you've drawn a pair of axes.

- | | |
|-------------|-------------|
| 3. (7, 7) | 4. (-4, 0) |
| 5. (6, 3) | 6. (2, 9) |
| 7. (-4, -8) | 8. (-3, 7) |
| 9. (0, 8) | 10. (-6, 9) |

Identify the quadrant in which each of the following points fall.

- | | | |
|--------------|-----------------|---------------|
| 11. (6, 4) | 12. (-6, 9) | 13. (14, 8) |
| 14. (-7, -7) | 15. (-9, 17) | 16. (6, -6.8) |
| 17. (6, 9.7) | 18. (3/2, -4/9) | 19. (-6, -96) |
20. In which quadrants are the x coordinates positive and the y coordinates negative?
 21. In which quadrants do both the x and y coordinates have opposite signs?