Name:

Algebra

Section 8.2

**Plot each of the given points in a coordinate plane**

1. A(7, 2) 2. B(-7, -2)

3. C(0, -8) 4. D(4, -6)

5. E(-3, 5) 6. F(-4, -6)

**Refer to the diagram on page 356 in your book. Name the point(s) described.**

7. The point on the negative y-axis

8. The points on the horizontal line through point Y

9. The y-coordinate is zero

10. The points on the axes 5 units from the origin

11. The points having opposite x and y-coordinates

12. The point in Quadrant III nearest the x-axis

**Graph each equation**

13. x + y = 6 14. y = -2x + 4

15. x – 3y = 9 16. 2x + 5y = 10

17. y = 2 18. x = -6