# Section 5.5 – Graphing the Equation of a Line

## Problem Set 3

**Graph the following lines using the Plotting Points method.**

1. $y = 4x + 3$
2. $y = -2x + 5$
3. $2y - 5 = -x$
4. $y + 4x = 1$
5. $2y = -x - 3$
6. $3y + 7x = 0$
7. $y = 5$
8. $3x - 2y = 2$
9. $x = 3$

**Graph the following lines using the Intercepts method.**

10. $y = 3x - 5$
11. $y = -\dfrac{5}{2}x - 2$
12. $-2y = 3x - 4$
13. $2y - 4x = 1$
14. $y - 3x = 3x + 2$
15. $2y + 3x = 7$
16. $3y + 3x = 2$
17. $-3x + 2 = x - 4$
18. $y - 2x = 4x + 1$

**Graph the following lines using the Slope-Intercept method.**

19. $y = 4x - 2$
20. $y = 3x + 1$
21. $2y - 3x = 1$
22. $2x - y = -4$
23. $4x + 3y = -2$
24. $2x + 5y = -7$
25. $9x - 10y = 6$
25. $-4x = -3$
27. $4y + 3x = -3$