

Section 5.5 – Graphing the Equation of a Line

Problem Set 2

Graph the following lines using the Plotting Points method.

1. $y = 3x + 4$

2. $y = -3x + 7$

3. $x = 6$

4. $3y = 2x - 1$

5. $y = 4$

6. $4y + 8x = 1$

7. $2y + 3x = 0$

8. $2x - y = 1$

9. $y - 4 = x$

Graph the following lines using the Intercepts method.

10. $y = 4x - 6$

11. $y = \frac{3}{5}x + 4$

12. $3y = x - 2$

13. $y - 3x = 4$

14. $2y - 2x = 4x + 1$

15. $4y - 2x = 5$

16. $2y + 4x = 1$

17. $4x + 3 = 2x - 5$

18. $2y + 3x = 2x + 2$

Graph the following lines using the Slope-Intercept method.

19. $y = 3x - 1$

20. $y = 4x + 2$

21. $3y - 2x = 0$

22. $3x + 2y = -3$

23. $3x + 4y = -1$

24. $3x + 4y = -3$

25. $4x - 5y = 2$

25. $-3x = 5$

27. $5y + 2x = -2$