

Graphing Slope Intercept Form

Graph the following equations using slope-intercept form.

1. $y = 2x + 1$

2. $y = 2x + 3$

3. $y = x + 3$

4. $y = x + 4$

5. $y = -x + 4$

6. $y = -x + 2$

7. $y = \frac{1}{2}x - 1$

8. $y = \frac{1}{2}x - 3$

9. $y = -\frac{3}{2}x - 4$

10. $y = -\frac{3}{2}x - 1$

11. $y = x$

12. $y = 2x$

13. $y = \frac{3}{4}x$

14. $y = \frac{3}{5}x$

15. $y = -x$

16. $y = -2x$

17. $x + 3y = 9$

18. $x + 2y = 8$

19. $x - 2y = 8$

20. $x - 3y = 9$

21. $2x + 3y = 12$

22. $2x + 4y = 16$

23. $6x - 4y = 20$

24. $6x - 5y = 20$

25. $4x - y = -3$

26. $4x - y = -2$

27. $3x - y = -6$

28. $3x - y = -4$

29. $-3x - y = 4$

30. $-3x - y = 2$

31. $-2x - y = 2$

32. $-3x - y = 2$

33. $x = 3$

34. $x = 5$

35. $x = -5$

36. $x = -3$

37. $y = 4$

38. $y = 6$

39. $y = -6$

40. $y = -2$

