

Name: _____

Date: _____

Slope & Y-Intercept

Grades 6 – 8 • 50 questions • Show your work

1. What is the **slope** of the line $y = 4x + 6$? _____
 2. What is the **y-intercept** of the line $y = -4x + 2$? _____
 3. What is the **slope** of the line $y = 4x - 9$? _____
 4. What is the **slope** of the line $y = 2x - 8$? _____
 5. What is the **y-intercept** of the line $y = 3x + 3$? _____
 6. What is the **y-intercept** of the line $y = -x + 8$? _____
 7. What is the **slope** of the line $y = -x - 4$? _____
 8. What is the **y-intercept** of the line $y = 4x + 6$? _____
 9. What is the **y-intercept** of the line $y = 2x - 2$? _____
 10. What is the **slope** of the line $y = -4x + 5$? _____
 11. What is the **slope** of the line $y = 3x + 9$? _____
 12. What is the **slope** of the line $y = -x - 2$? _____
 13. What is the **y-intercept** of the line $y = 3x + 6$? _____
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14. What is the **y-intercept** of the line $y = x + 5$? _____
15. What is the **y-intercept** of the line $y = 3x - 2$? _____
16. What is the **slope** of the line $y = 5x - 9$? _____
17. What is the **y-intercept** of the line $y = -5x + 2$? _____
18. What is the **y-intercept** of the line $y = 5x - 4$? _____
19. What is the **slope** of the line $y = 2x - 1$? _____
20. What is the **slope** of the line $y = -4x - 3$? _____
21. What is the **slope** of the line $y = -3x + 9$? _____
22. What is the **slope** of the line $y = x + 6$? _____
23. What is the **slope** of the line $y = -3x - 2$? _____
24. What is the **y-intercept** of the line $y = 3x + 5$? _____
25. What is the **y-intercept** of the line $y = 5x - 1$? _____
26. What is the **slope** of the line $y = -5x + 6$? _____
27. What is the **y-intercept** of the line $y = x + 4$? _____
28. What is the **y-intercept** of the line $y = -x + 6$? _____
29. What is the **slope** of the line $y = 5x + 9$? _____
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30. What is the **slope** of the line $y = 2x - 5$? _____
31. What is the **y-intercept** of the line $y = x + 7$? _____
32. What is the **y-intercept** of the line $y = 4x + 4$? _____
33. What is the **y-intercept** of the line $y = -2x + 7$? _____
34. What is the **slope** of the line $y = 5x - 8$? _____
35. What is the **slope** of the line $y = -3x + 4$? _____
36. What is the **slope** of the line $y = 4x - 3$? _____
37. What is the **y-intercept** of the line $y = -3x + 5$? _____
38. What is the **slope** of the line $y = 4x + 4$? _____
39. What is the **y-intercept** of the line $y = -2x + 9$? _____
40. What is the **slope** of the line $y = -x - 3$? _____
41. What is the **slope** of the line $y = -5x + 7$? _____
42. What is the **slope** of the line $y = 3x + 4$? _____
43. What is the **slope** of the line $y = 5x - 5$? _____
44. What is the **slope** of the line $y = 5x + 3$? _____
45. What is the **y-intercept** of the line $y = -3x - 7$? _____
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46. What is the **slope** of the line $y = -2x + 7$? _____

47. What is the **y-intercept** of the line $y = -4x + 4$? _____

48. What is the **y-intercept** of the line $y = 5x + 6$? _____

49. What is the **y-intercept** of the line $y = x - 2$? _____

50. What is the **y-intercept** of the line $y = 4x - 8$? _____

Answer Key — Slope & Y-Intercept

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|--------|--------|--------|
| 1. 4 | 2. 2 | 3. 4 |
| 4. 2 | 5. 3 | 6. 8 |
| 7. -1 | 8. 6 | 9. -2 |
| 10. -4 | 11. 3 | 12. -1 |
| 13. 6 | 14. 5 | 15. -2 |
| 16. 5 | 17. 2 | 18. -4 |
| 19. 2 | 20. -4 | 21. -3 |
| 22. 1 | 23. -3 | 24. 5 |
| 25. -1 | 26. -5 | 27. 4 |
| 28. 6 | 29. 5 | 30. 2 |
| 31. 7 | 32. 4 | 33. 7 |
| 34. 5 | 35. -3 | 36. 4 |
| 37. 5 | 38. 4 | 39. 9 |
| 40. -1 | 41. -5 | 42. 3 |
| 43. 5 | 44. 5 | 45. -7 |
| 46. -2 | 47. 4 | 48. 6 |
| 49. -2 | 50. -8 | |
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