



Written Exercises

Find the slope of the line through the given points.

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|--------------------------|------------------------|-------------------------|
| 1. $(8, 4), (6, 5)$ | 2. $(-4, 2), (-6, 5)$ | 3. $(-6, 3), (-4, 5)$ |
| 4. $(0, 7), (2, 3)$ | 5. $(-5, 3), (6, 5)$ | 6. $(-4, 3), (4, 9)$ |
| 7. $(-2, -3), (0, -1)$ | 8. $(6, 3), (2, 0)$ | 9. $(4, 8), (1, 3)$ |
| 10. $(-8, -7), (-6, -4)$ | 11. $(0, -3), (3, -1)$ | 12. $(-2, 7), (-5, -7)$ |

Find the slope of each line. If the line has no slope, say so.

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|-------------------|--------------------|--------------------|-------------------|
| 13. $y = 2x + 1$ | 14. $y = 3x - 2$ | 15. $y = 8 - 2x$ | 16. $y = 12 - 4x$ |
| 17. $3x + 2y = 6$ | 18. $2x + 5y = 10$ | 19. $3x - 5y = 10$ | 20. $x - 3y = 9$ |
| 21. $y = 3$ | 22. $y + 4 = 0$ | 23. $x = 2$ | 24. $3x - 5 = 0$ |