

additional practice

NAME _____

DATE _____

Module 8 Writing Linear Equations of Two Variables
Lesson 1 Finding Slope

Find the slope of the line passing through the given points.

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

Find the slope of a line:

- | | |
|--|--|
| 13. perpendicular to the line through (2, 5) and (4, 1).
_____ | 14. parallel to the line through (3, 0) and (3, -4).
_____ |
| 15. parallel to the line through (5, -7) and (-1, 4).
_____ | 16. perpendicular to the line through (-4, -2) and (3, -1).
_____ |
| 17. perpendicular to the line through (4, 0) and (-2, 8).
_____ | 18. perpendicular to the line through (9, 1) and (-5, 3).
_____ |
| 19. parallel to the line through (-8, 2) and (2, 5).
_____ | 20. parallel to the line through (3, 9) and (6, 2).
_____ |

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