Name:_____Date:_____Per:_____

5.2 Practice 2

Write the equation of the line that passes through each point with the given slope.

1. (1, 9), $m = 4$

2. (4, 2), $m = -2$

3. (2, –2), $m = 3$

4. (3, 0), $m = 5$

5. (–3, –2), $m = 2$

6. (–5, 4), $m = -4$

Write the equation of the line that passes through each pair of points.

7. (1, 3), (–3, –5)

8. (1, 4), (6, –1)

9. (1, –1), (3, 5)

10. (–2, 4), (0, 6)

11. (3, 3), (1, –3)

12. (–1, 6), (3, –2)

Write an equation of the line that has each pair of intercepts.

13. *x*-intercept: –3, *y*-intercept: 6

14. *x*-intercept: 3, *y*-intercept: 3

15. *x*-intercept: 1, *y*-intercept: 2

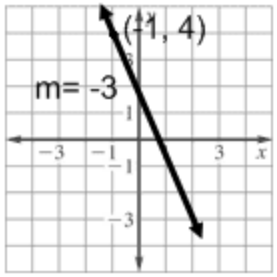
16. *x*-intercept: 2, *y*-intercept: –4

17. *x*-intercept: –4, *y*-intercept: –8

18. *x*-intercept: –1, *y*-intercept: 4

Write the equation of the line represented by the graph.

19.



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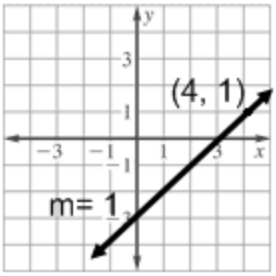

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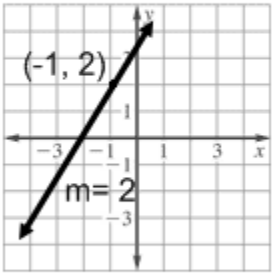

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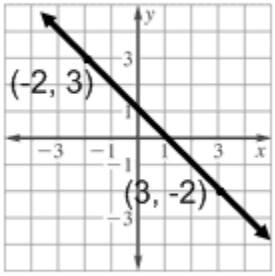

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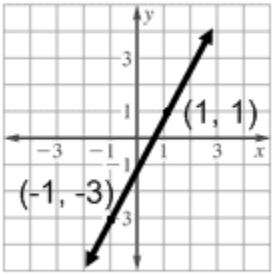
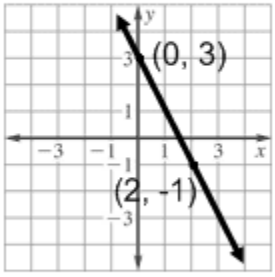
24.