

Name: _____

Unit 4: Linear Equations

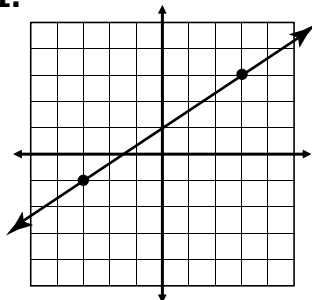


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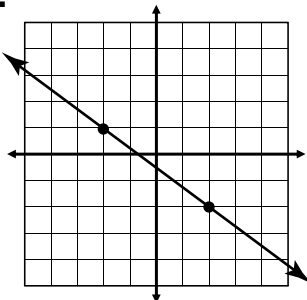
Homework 1: Slope

Directions: Find the slope of the line show on the graph.

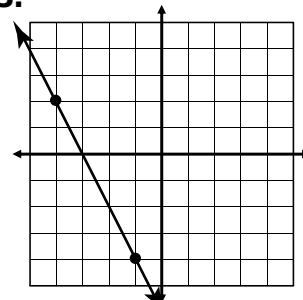
1.



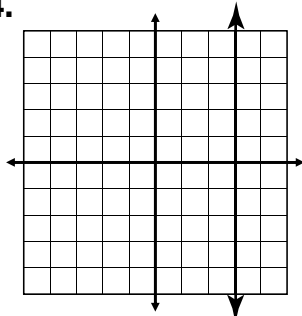
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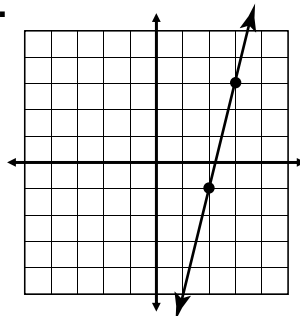
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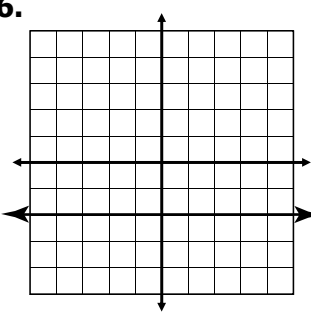
4.



5.



6.



Directions: Use the slope formula to find the slope between the given two points.

7. (4, 9) and (1, 6)

8. (-4, -1) and (-2, -5)

9. (5, 3) and (5, -9)

10. (2, 1) and (8, 9)

11. (14, -8) and (7, -6)

12. (4, -3) and (8, -3)

Directions: Find the missing value so that the line passing through the points has the given slope.

13. $(x, -4)$ and $(2, 8)$; $m = -3$

14. $(10, y)$ and $(3, 4)$; $m = -\frac{2}{7}$

15. $(7, 1)$ and $(x, 4)$; $m = \frac{3}{4}$