

Given 2 points find the slope and y-intercept using the formulas.

$$m = \frac{Y_2 - Y_1}{X_2 - X_1}$$

$$y = mx + b$$

1. ( 1,2) and (7, 9)

2. (-5, 3) and (-1,0)

3. (5,-1) and (0, 3)

4. (6,2) and (6,-5)

5. (12,5) and ( 9,8)

6. (-3,-7) and (-8, -1)

7. (2,-5) and (7,-5)

8. ( 2, 0.75 ) and ( 4, 0.25)

9. ( 0.5, 0.7 ) and (0, 0.3)

10. (3,-5) and (0,0)

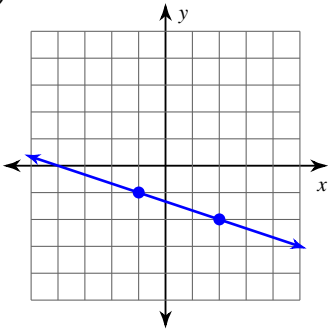
11. ( 8, 10 ) and ( -7, 14 )

12. ( -12, -5 ) and ( 0, -8 )

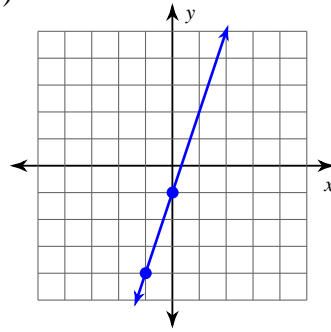
## Exercise 2: Slope and Y-intercept

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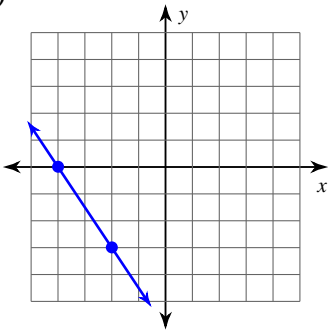
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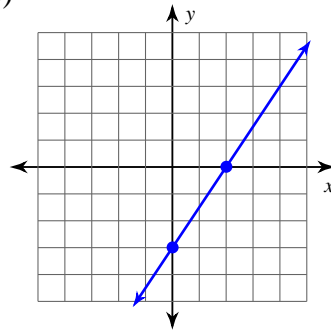
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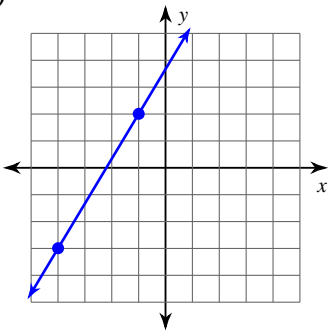
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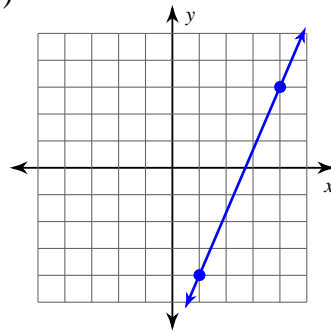
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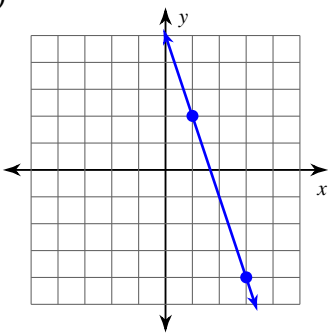
17)



18)



19)



20)

