

## Find the Slope from the Pair of Points

1) (5,5) (3,-3) slope = \_\_\_\_\_

2) (-1,-5) (-3,5) slope = \_\_\_\_\_

3) (-5,0) (5,-3) slope = \_\_\_\_\_

4) (-2,4) (4,2) slope = \_\_\_\_\_

5) (1,-5) (3,5) slope = \_\_\_\_\_

6) (-5,-4) (5,1) slope = \_\_\_\_\_

**Directions for 13-18:** Find the rate of change of the line represented by each table.

13. 

| X  | Y  |
|----|----|
| -2 | -3 |
| -1 | -1 |
| 0  | 1  |
| 1  | 3  |
| 2  | 5  |

Rate of Change:

14. 

| X  | Y  |
|----|----|
| -4 | 6  |
| 0  | 4  |
| 4  | 2  |
| 8  | 0  |
| 12 | -2 |

 $\frac{\text{change in } y}{\text{change in } x}$ :15. 

| X  | Y |
|----|---|
| 6  | 2 |
| 3  | 2 |
| 0  | 2 |
| -3 | 2 |
| -6 | 2 |

Slope:

16. 

| X  | Y  |
|----|----|
| -2 | -3 |
| 0  | 3  |
| 2  | 9  |
| 6  | 21 |
| 10 | 33 |

**m:**17. 

| X | Y  |
|---|----|
| 3 | 6  |
| 3 | 4  |
| 3 | 2  |
| 3 | 0  |
| 3 | -2 |

Slope:

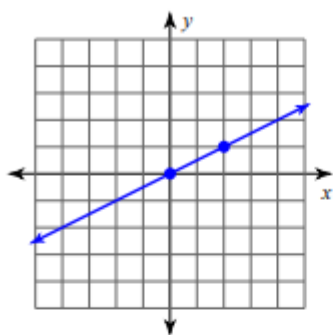
18. 

| X  | Y |
|----|---|
| -4 | 4 |
| -1 | 3 |
| 2  | 2 |
| 5  | 1 |
| 8  | 0 |

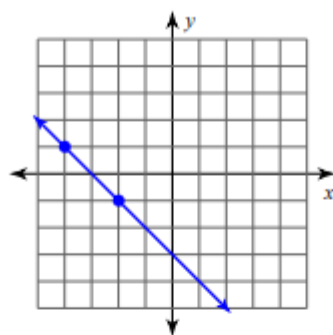
 $\frac{\text{rise}}{\text{run}}$ :

Find the slope of each line.

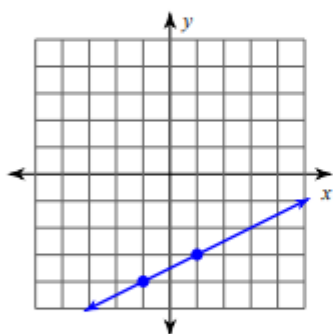
1)



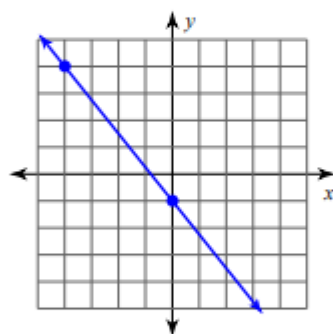
2)



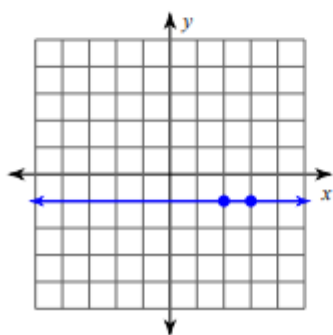
3)



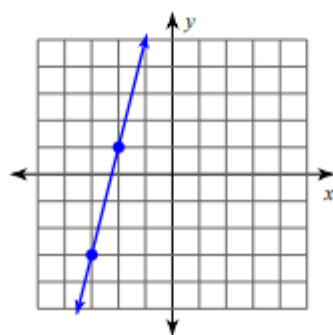
4)



5)

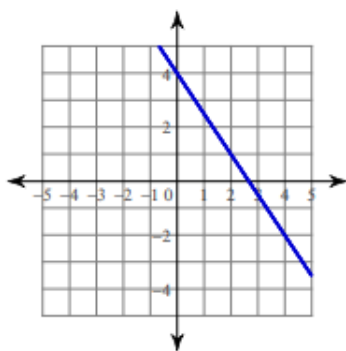


6)

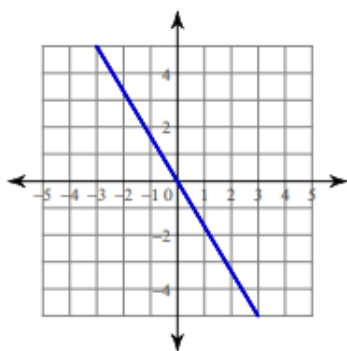


Write the slope-intercept form of the equation of each line.

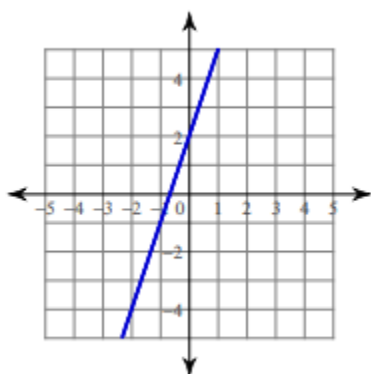
1)



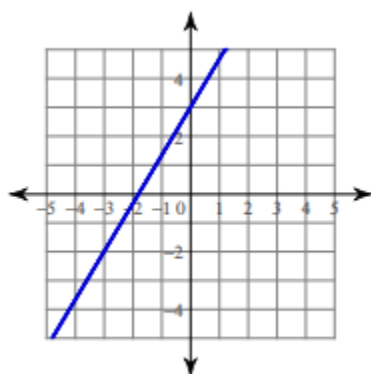
2)



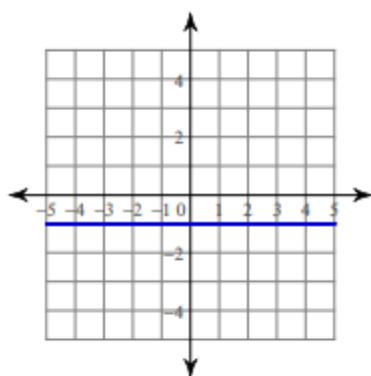
3)



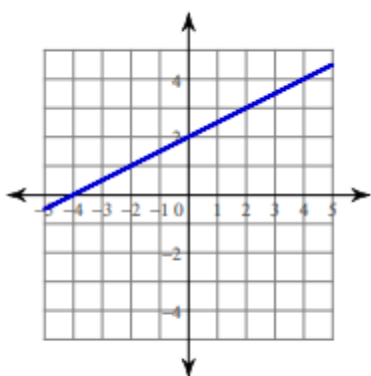
4)



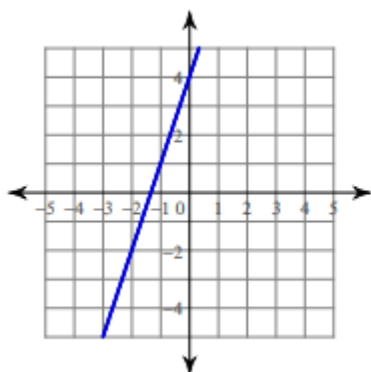
5)



6)



7)



8)

