

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:

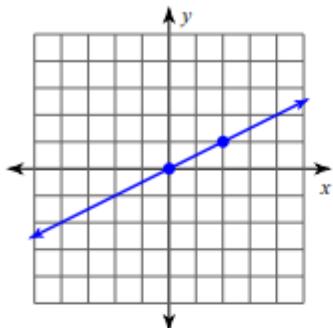
18.

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

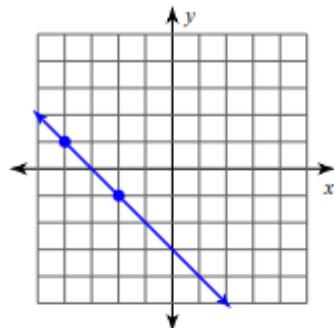
$\frac{\text{rise}}{\text{run}}$:

Find the slope of each line.

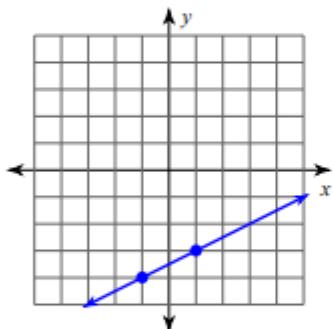
1)



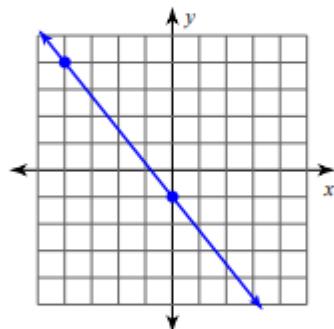
2)



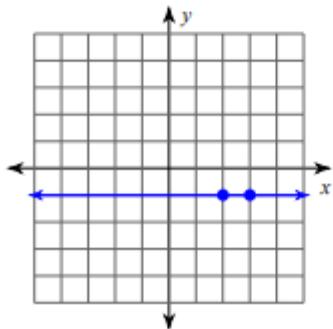
3)



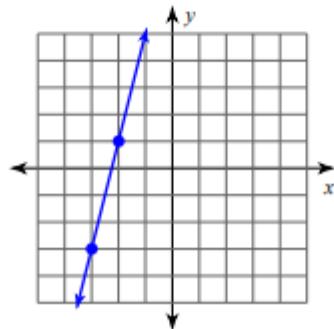
4)



5)

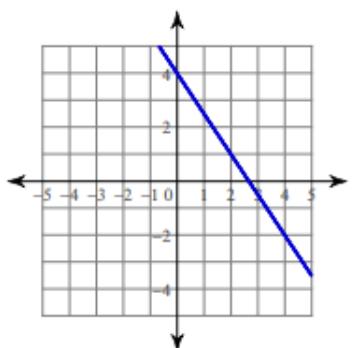


6)

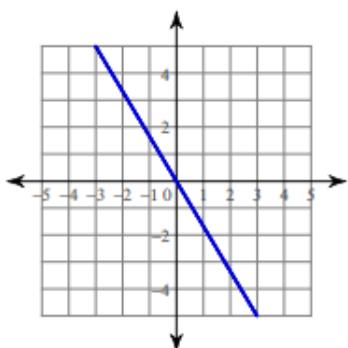


Write the slope-intercept form of the equation of each line.

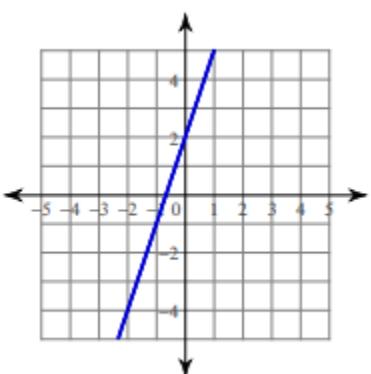
1)



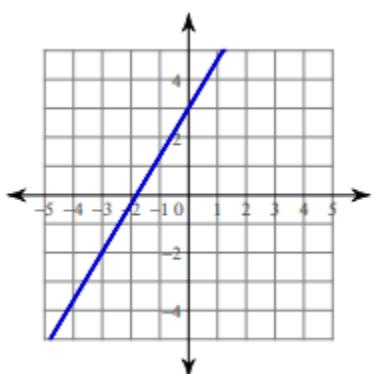
2)



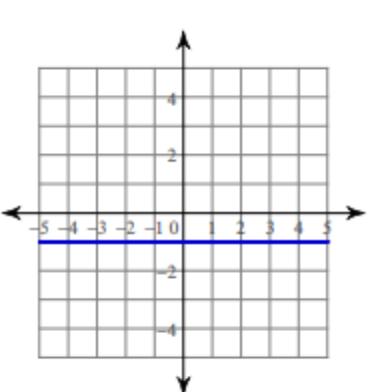
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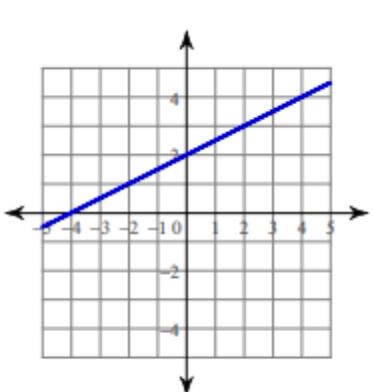
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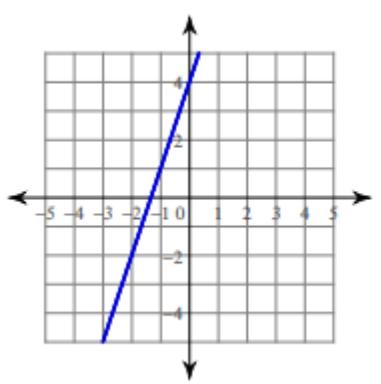
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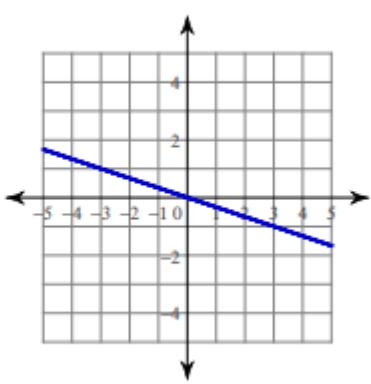
6)



7)



8)



For each equation below, fill in the table using the inputs -2, -1, 0, 2, and 5. Helpful tip; inputs go under X.

$$Y = 3X + 2$$

$$Y = 1/3X - 5$$

$$Y = 1/2X + 9$$

$$Y = -.6X - 4.5$$