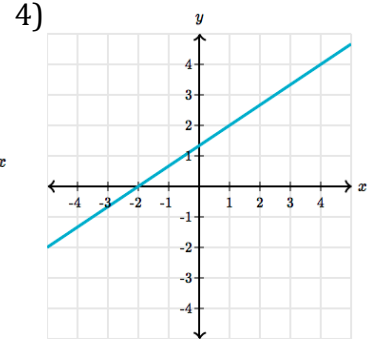
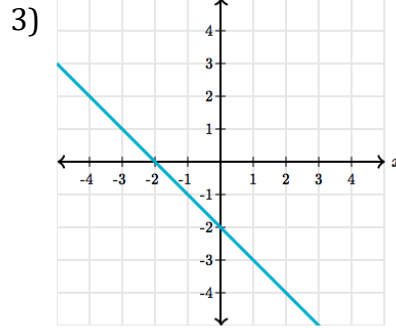
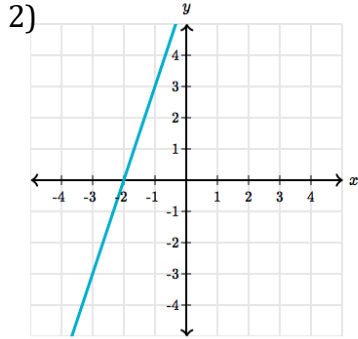
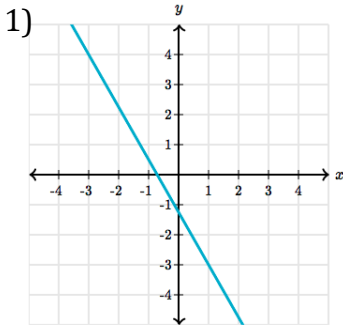


Slope Intercept Form Day 1

Find the slope by finding your own points on the graph



Find slope from two points

1) $(5, -3)$ and $(-10, 9)$

2) $(6, 5)$ and $(6, 12)$

3) $(-1, 2)$ and $(-2, -7)$

Find slope from a table

1)

x	y
-2	-5
-1	-2
0	1
1	4
2	7

2)

x	y
-2	9
-1	7
0	5
1	3
2	1

3)

x	y
-4	9
-2	7
0	5
2	3
4	1

4)

x	y
-4	10
-2	20
0	30
2	40
4	50

5)

x	y
-10	-20
-5	-40
0	-60
5	-80
10	-100

6)

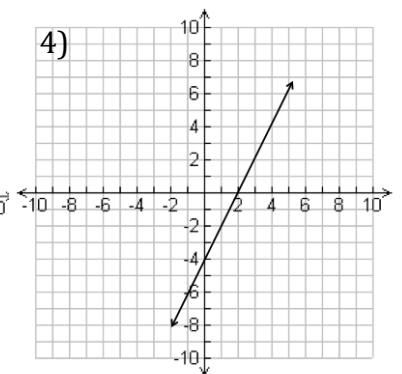
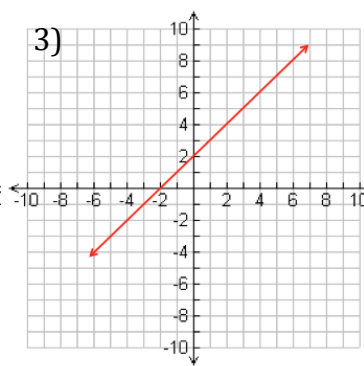
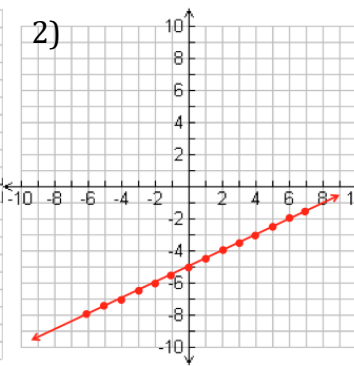
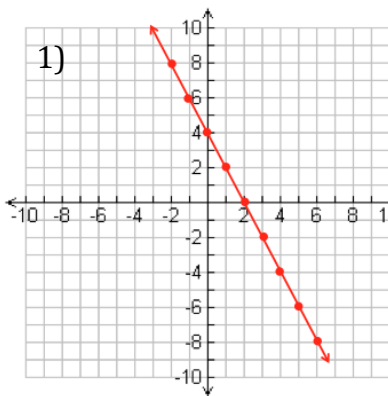
x	y
-3	10
-6	12
-9	14
-12	16
-15	18

Slope Intercept Form

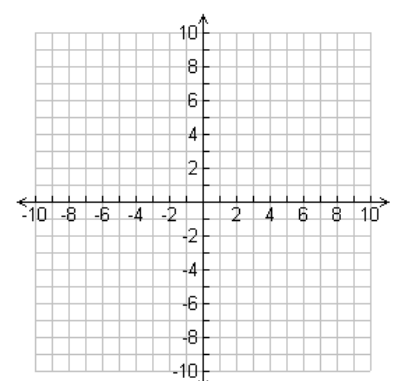
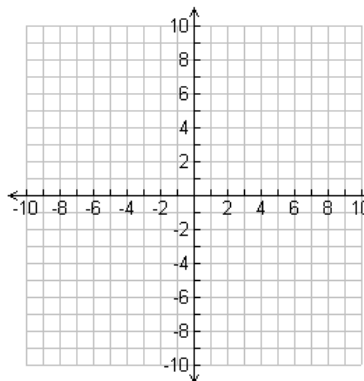
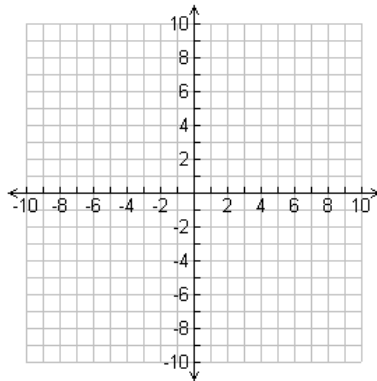
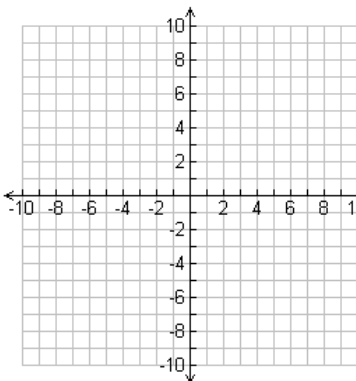
$$y = mx + b$$

Notes:

Write the equation for the following graphs:



Draw each graph. Use each coordinate plane for two linear functions.



1) $y = -x + 6$

3) $y = 3x + 1$

5) $y = -3x - 2$

7) $x = 4$

2) $y = -\frac{1}{3}x - 3$

4) $y = \frac{3}{2}x - 6$

6) $y = -\frac{1}{5}x + 6$

8) $y = -6$