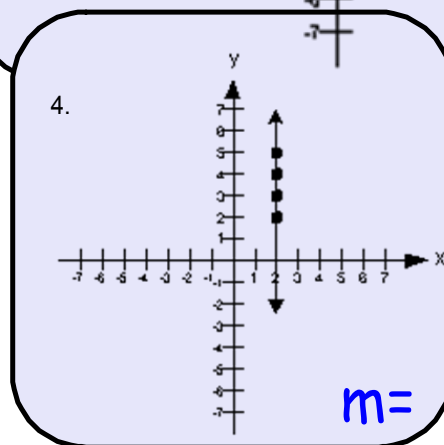
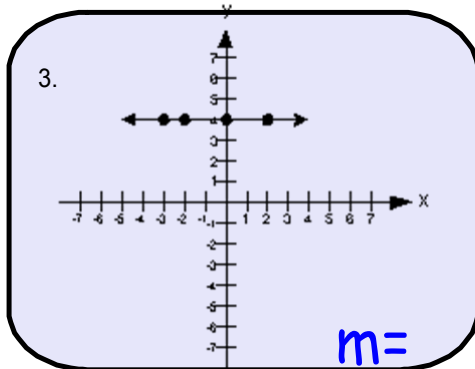
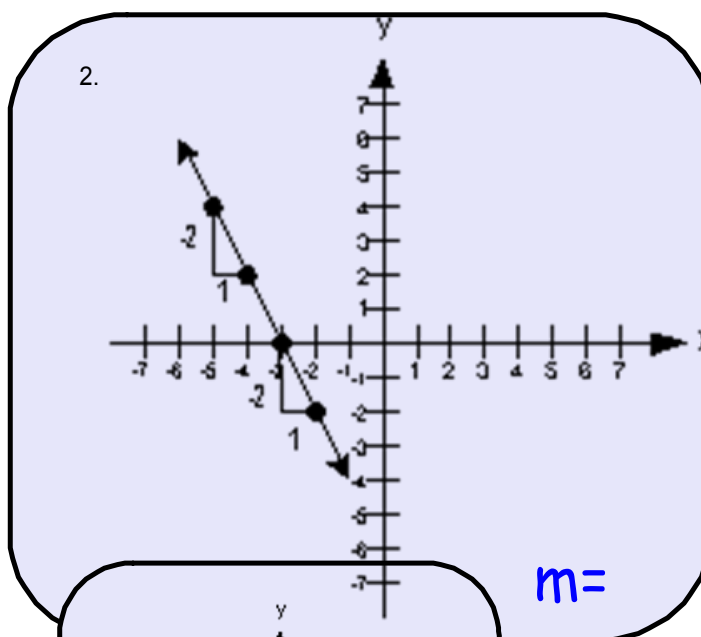
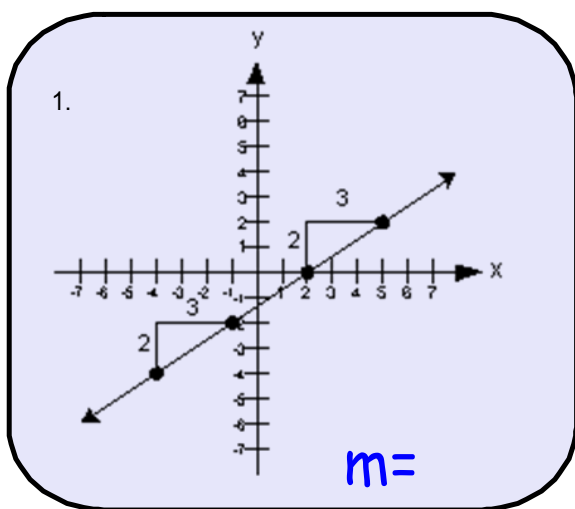


Finding slope (rate of change) using a graph and two points.

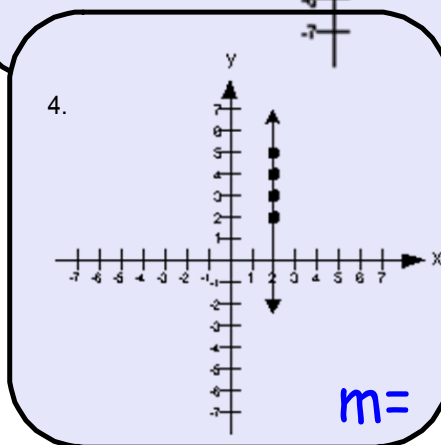
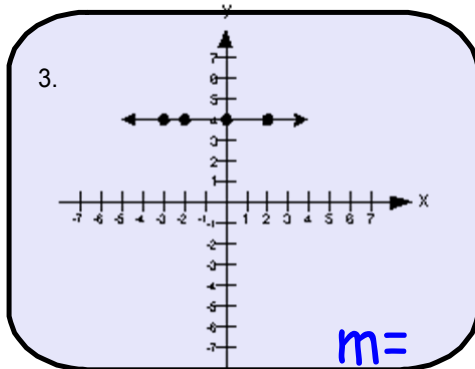
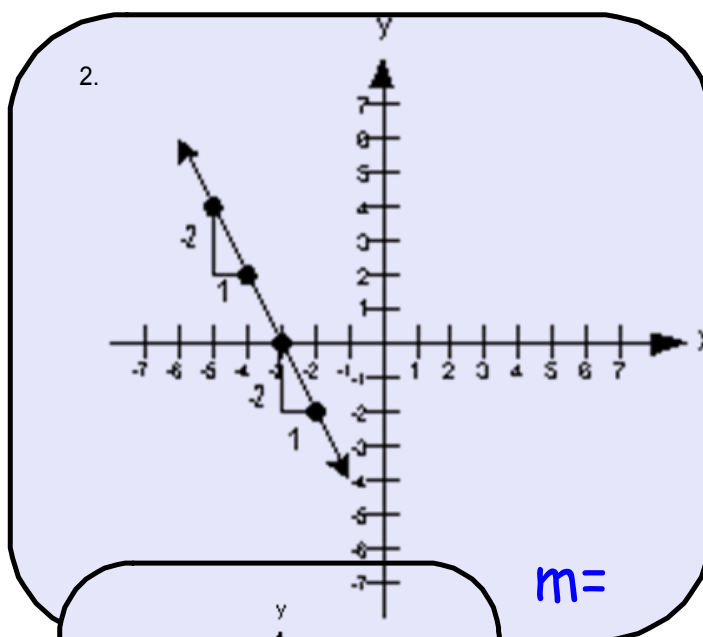
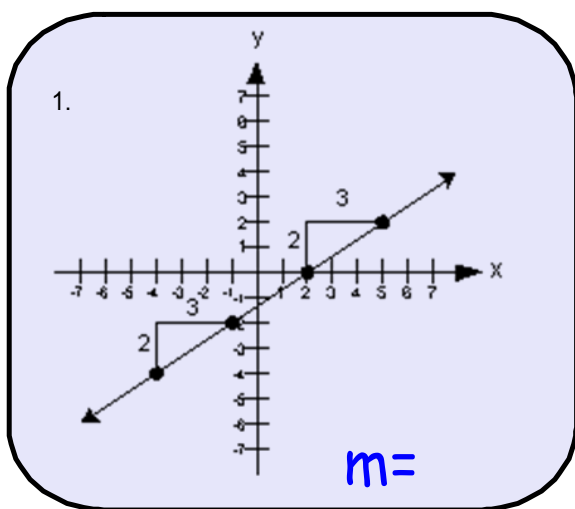


$$y = mx + b$$



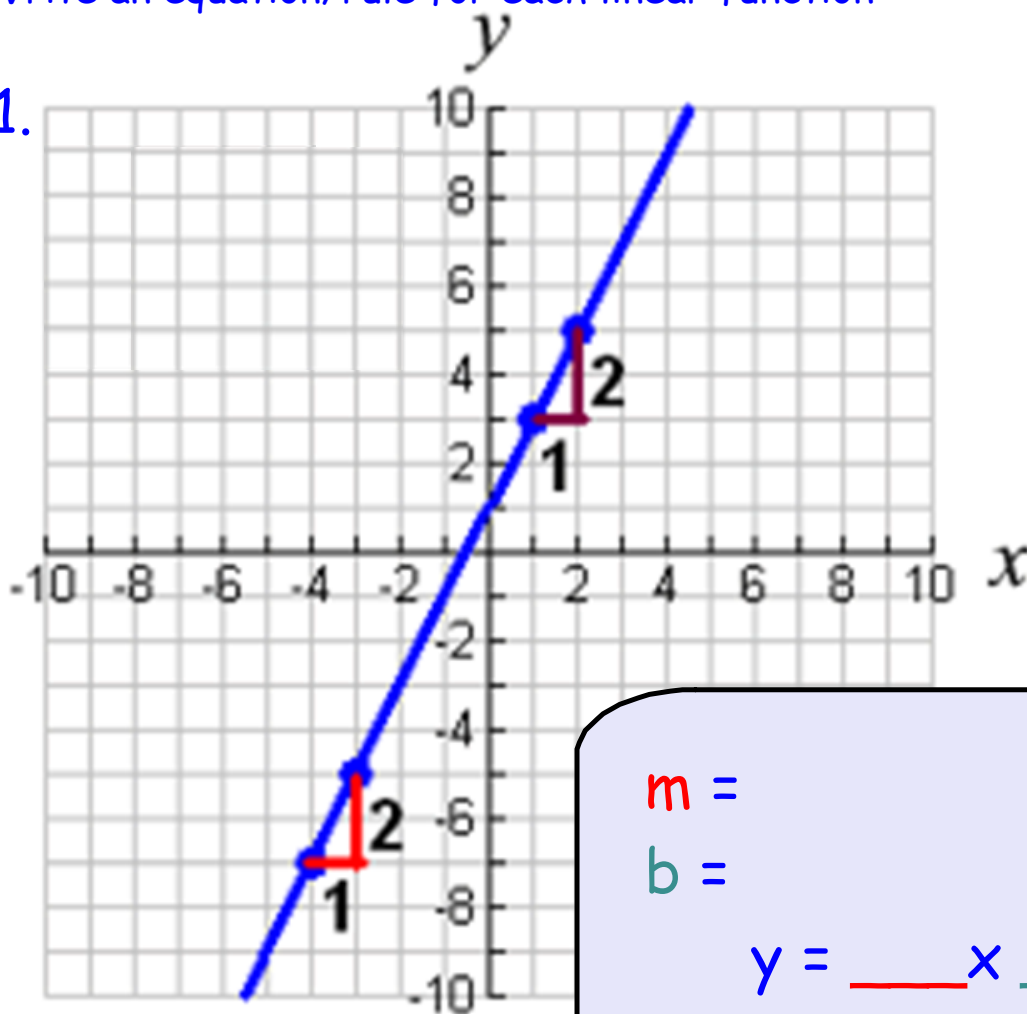
Slope-intercept
Form

Finding slope (rate of change) using a graph and two points.

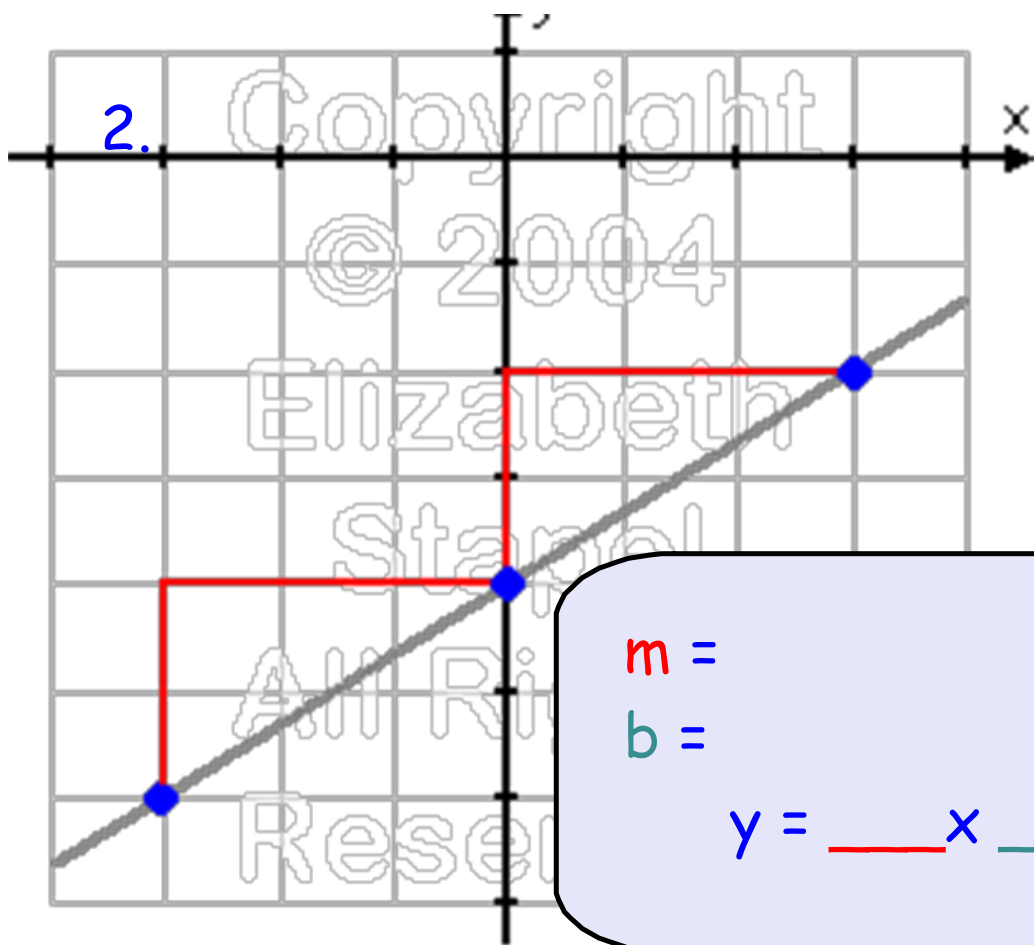


Write an equation/rule for each linear function

1.



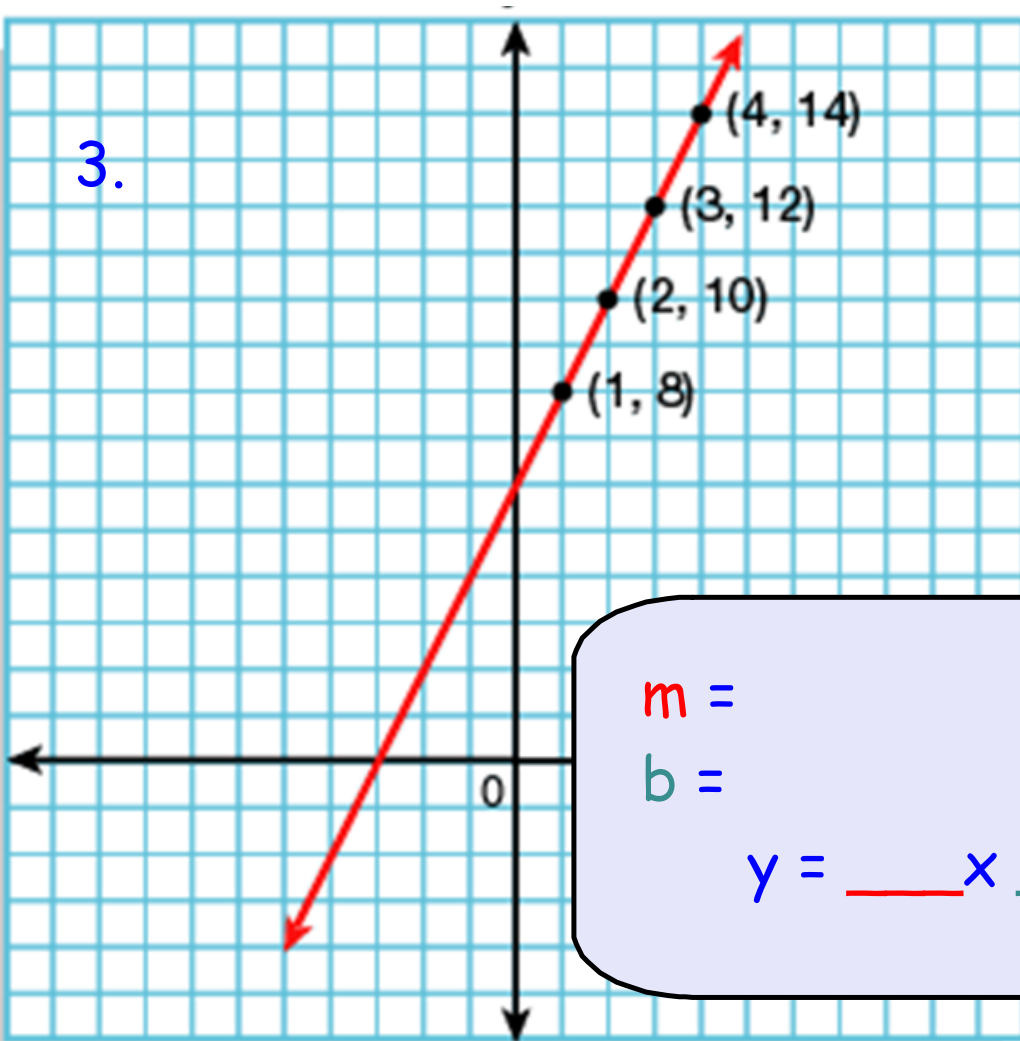
$m =$
 $b =$
 $y = \underline{\hspace{1cm}} x \underline{\hspace{1cm}}$



$m =$
 $b =$
 $y = \underline{\hspace{1cm}}x \underline{\hspace{1cm}}$

Write an equation/rule for each linear function

3.

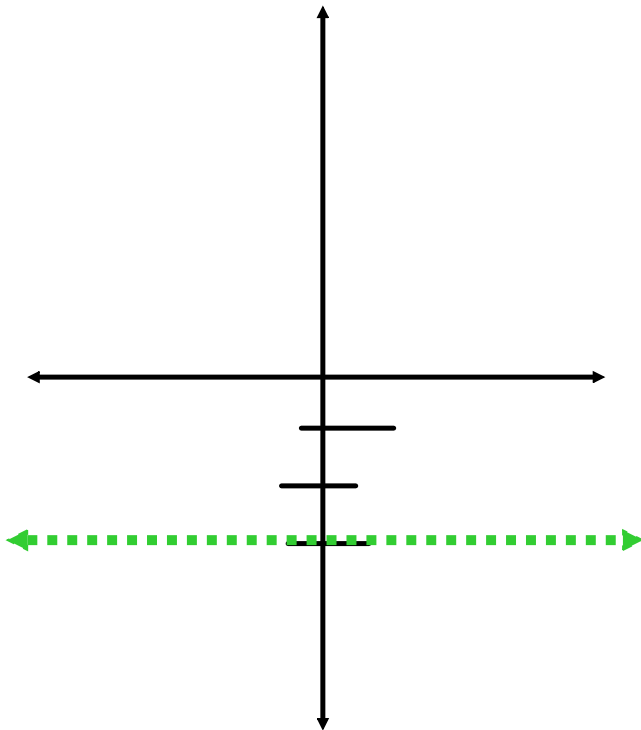


$m =$

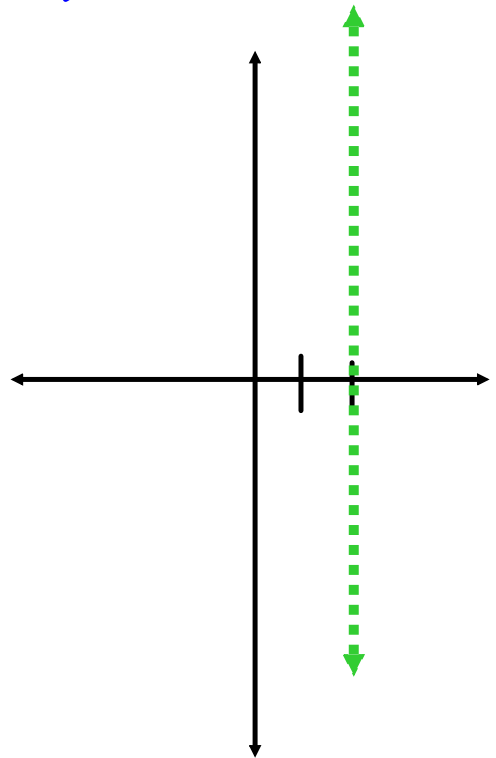
$b =$

$y = \underline{\hspace{1cm}} x \underline{\hspace{1cm}}$

4)



5)



Write an equation/rule for each linear function

	0	2	4	6	8
	6	10	14	18	22

6.

$$m =$$

$$b =$$

$$y = \underline{\quad}x \underline{\quad}$$

x	0	2	4	6	8
y	-3	-2	-1	0	1

$$m =$$

$$b =$$

$$y = \underline{\quad}x \underline{\quad}$$

Write an equation/rule for each linear function

7.

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

$$m =$$

$$b =$$

$$y = \underline{\hspace{1cm}}x \underline{\hspace{1cm}}$$

Week	Balance
1	\$10
2	\$24
3	\$38
4	\$52
5	\$66
6	\$80
7	\$94

x	2	5	6	9
y	6	9	10	13

$m =$

$b =$

$y = \underline{\hspace{1cm}}x \underline{\hspace{1cm}}$

$m =$

$b =$

$y = \underline{\hspace{1cm}}x \underline{\hspace{1cm}}$

Write an equation/rule for each linear function

8.

x	2	4	6	8
f	13	19	25	31

$$m =$$

$$b =$$

$$y = \underline{\hspace{1cm}}x \underline{\hspace{1cm}}$$

9.

x	y
-2	-7
-1	-4
1	2
2	5
3	8

$$m =$$

$$b =$$

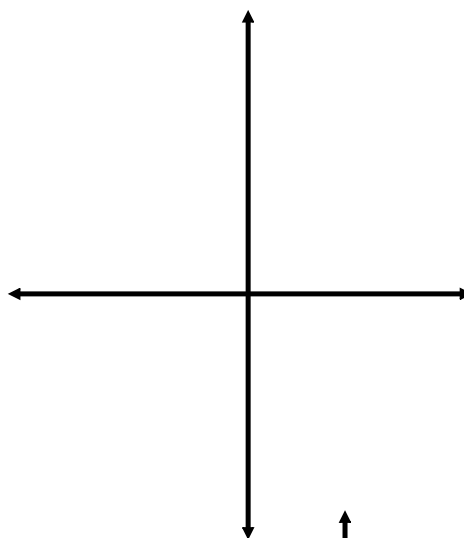
$$y = \underline{\hspace{1cm}}x \underline{\hspace{1cm}}$$

Let's Graph a Couple

10. $y = -1/2x + 3$

 $m =$ $b =$

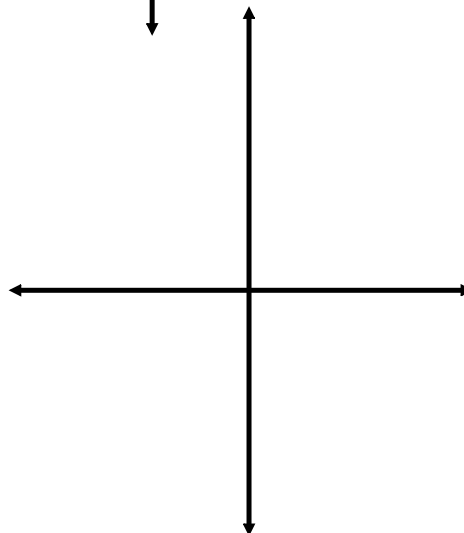
$y = \underline{\quad}x \underline{\quad}$



11. $y = 3x - 2$

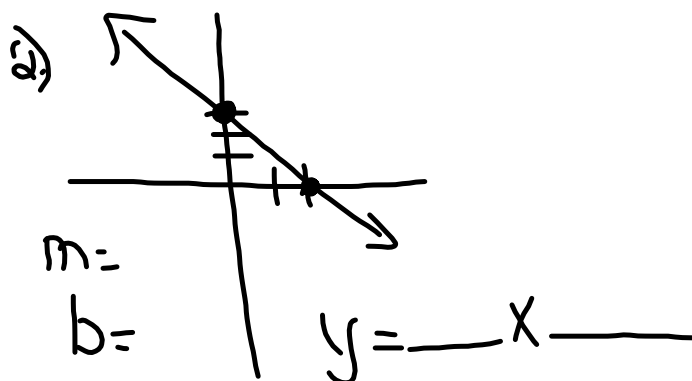
 $m =$ $b =$

$y = \underline{\quad}x \underline{\quad}$



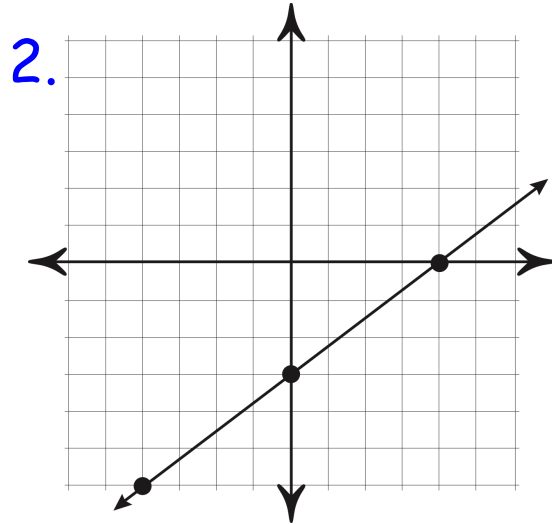
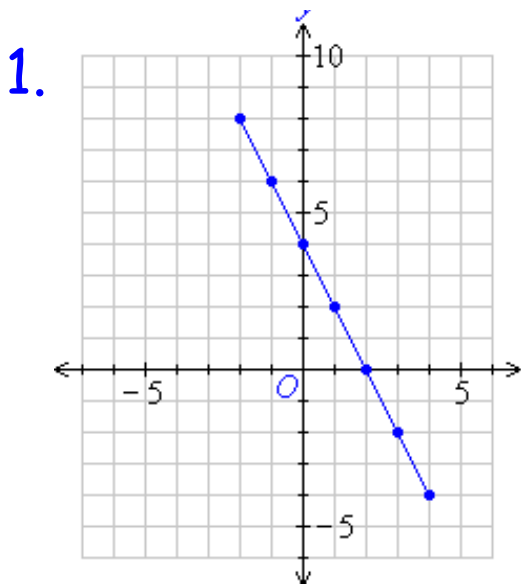
Practice

$$1) y = \frac{2}{3}x + 1$$
$$m =$$
$$b =$$



3).

x	y
1	-3
2	-7
3	-11



3.

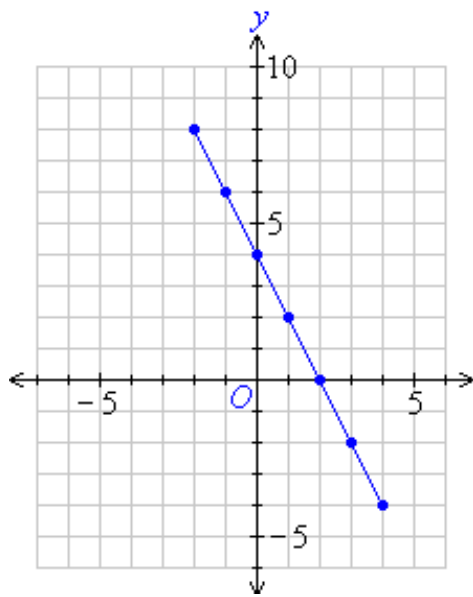
X	Y
-2	5
0	10
2	15
4	20

4.

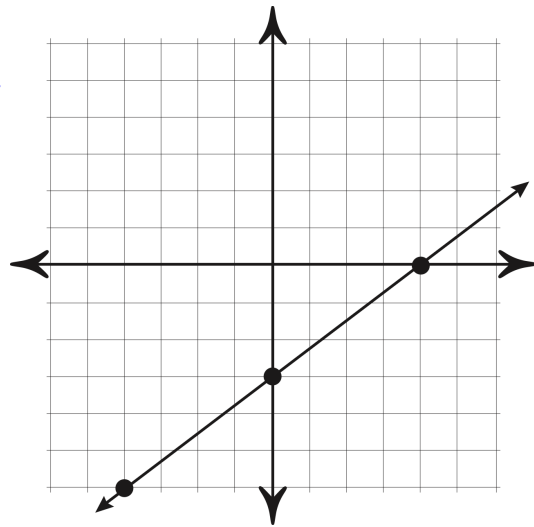
X	1	2	3	4
Y	3	5	7	9

Graph 5) $y = -3x - 2$ 6) $y = \frac{1}{3}x + 3$

1.



2.



3.

X	Y
-2	5
0	10
2	15
4	20

4.

X	1	2	3	4
Y	3	5	7	9

Graph 5) $y = -3x - 2$

6) $y = \frac{1}{3}x + 3$