

Writing Equations in Slope-Intercept Form: Review

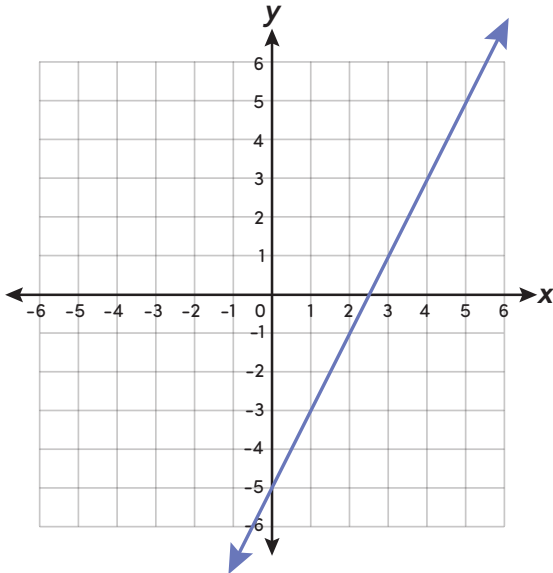
You can write the equation of a linear function in slope-intercept form, where m is the **slope** and b is the **y-intercept**:

$$y = mx + b$$



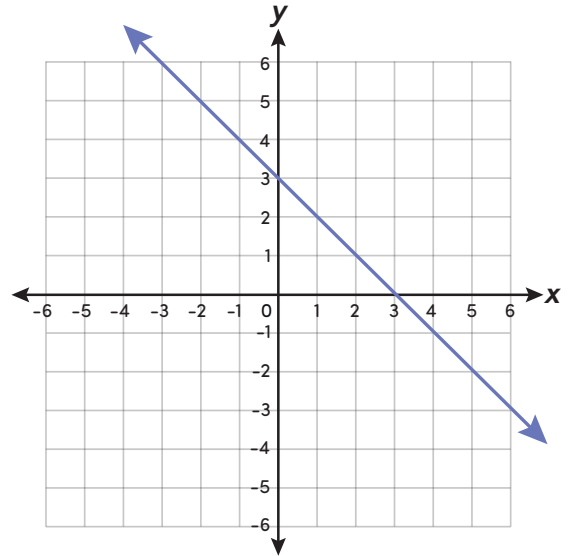
Find the **slope** and the **y-intercept** of each linear function below. Write the slope as a proper or improper fraction in simplest form or an integer. Then write the equation in slope-intercept form.

1.



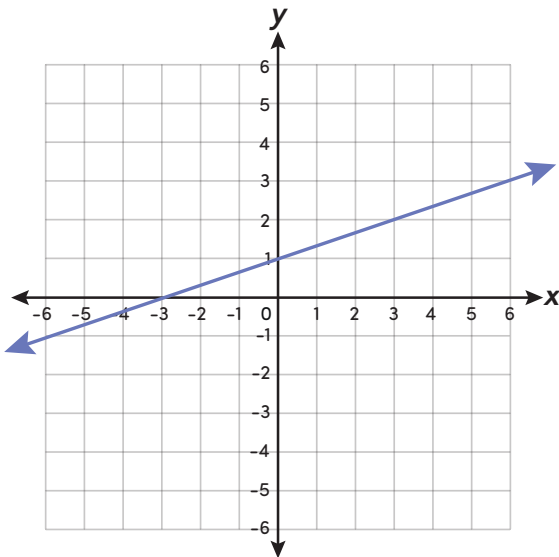
slope: _____ y-intercept: _____
equation: _____

2.



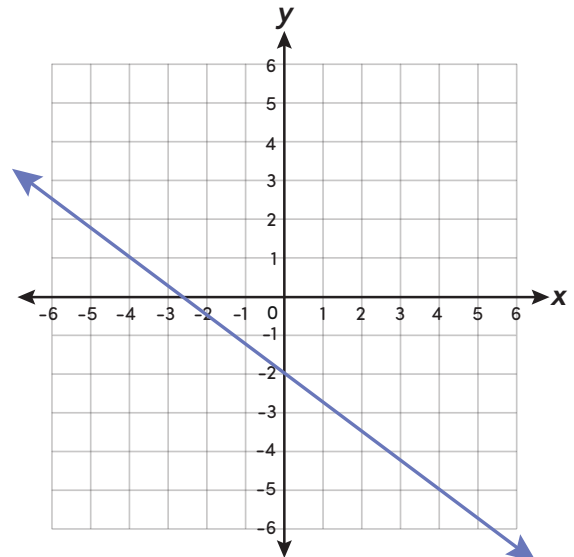
slope: _____ y-intercept: _____
equation: _____

3.



slope: _____ y-intercept: _____
equation: _____

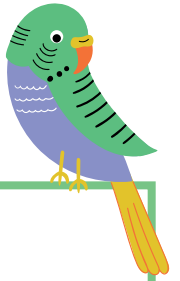
4.



slope: _____ y-intercept: _____
equation: _____

Writing Equations in Slope-Intercept Form: Review

Each table represents a linear function. Find the **slope** and the **y-intercept**. Write the slope as a proper or improper fraction in simplest form or an integer. Then write the equation in slope-intercept form.



5.

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

slope: _____

y-intercept: _____

equation: _____

6.

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

slope: _____

y-intercept: _____

equation: _____

7.

x	y
-2	2
0	-2
2	-6
4	-10

slope: _____

y-intercept: _____

equation: _____

8.

x	y
4	7
8	8
12	9
16	10

slope: _____

y-intercept: _____

equation: _____

9.

x	y
3	13
1	7
-1	1
-3	-5

slope: _____

y-intercept: _____

equation: _____

10.

x	y
-2	-6
2	4
6	14
10	24

slope: _____

y-intercept: _____

equation: _____