LINEAR EQUATIONS PRACTICE ANSWERS

When you get an equation into the form y = mx + b then the m value is your slope, and the b value is your y-intercept.

To find the x-intercept of a line, set the y-value to 0.

To find the y-intercept of a line, set the x-value to 0.

Find the slope and the y-intercept for the following:

4. slope
$$=\frac{2}{3}$$
, y-intercept = 1

5. slope =
$$-\frac{3}{2}$$
, y-intercept = 7

7. slope =
$$-1$$
, y-intercept = -7

8. slope =
$$-\frac{1}{3}$$
, y-intercept = 2

9. slope =
$$\frac{1}{5}$$
, y-intercept = -2

11. slope =
$$\frac{1}{2}$$
, y-intercept = 8

14. slope =
$$\frac{1}{3}$$
, y-intercept = 3

15. slope =
$$\frac{3}{4}$$
, y-intercept = 12

18. slope =4, y-intercept =
$$-\frac{3}{8}$$