

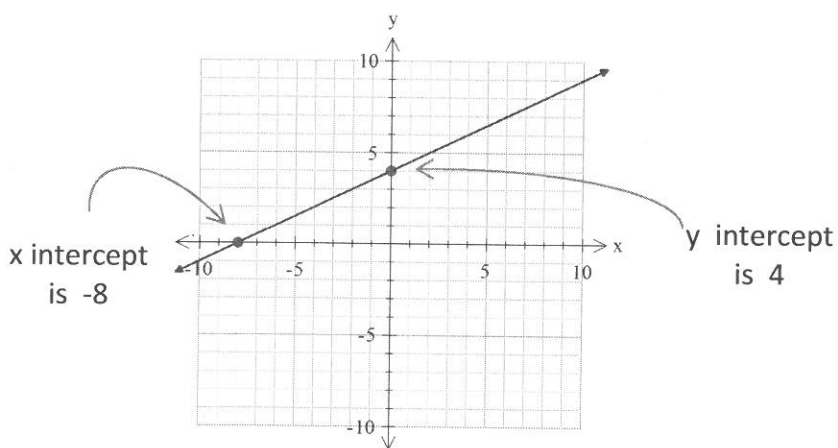
Lesson 2: Finding the Intercepts of a Function

GOALS

- To determine the x and y intercepts of a linear function.
- To solve problems involving the x and y intercepts of a linear function
- To recognize limitations on the x values and y values in a contextual problem.

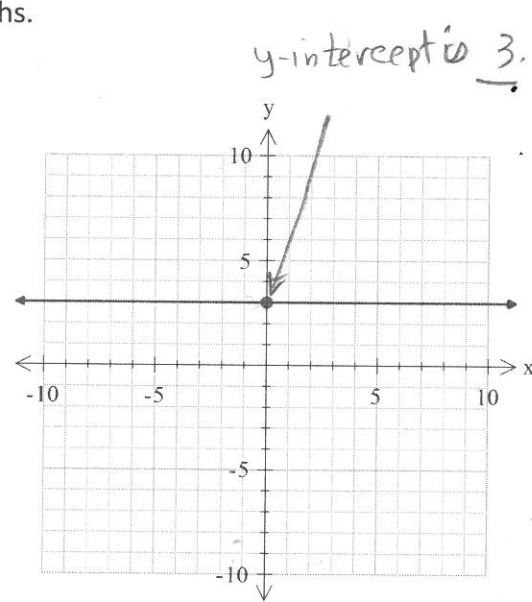
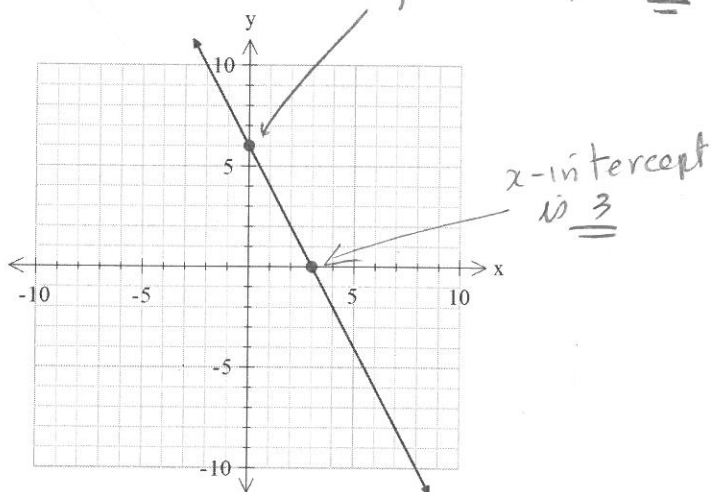
The x and y intercepts are two special points on the graph of any function.

The y-intercept is where the equation crosses the y-axis and the x-intercept is where the graph crosses the x-axis.



Example 1: Determining Intercepts

Label the x and y intercepts on each of the following graphs.



Note: There is no x-intercept in this case, since the line does not pass through the x-axis.