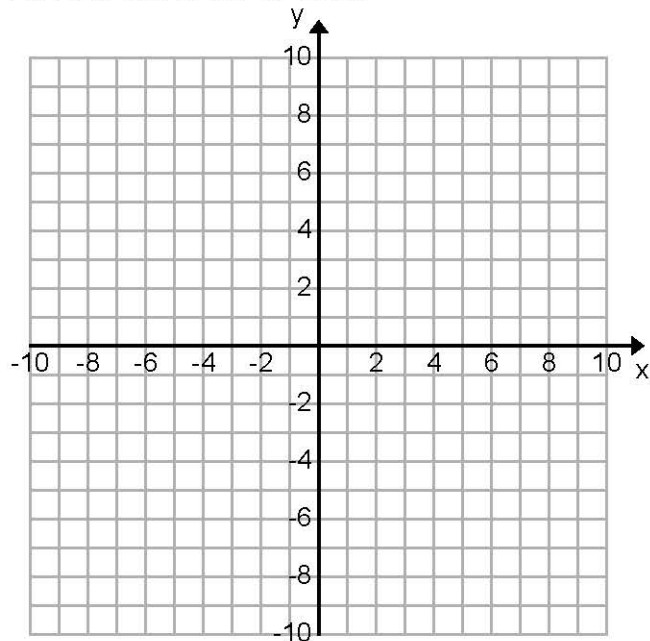


**Section 3.3: Graphing Linear Functions**

Example 1: Graph  $f(x) = 3x$  and  $g(x) = 3x - 4$  on the same set of axes.



How to write a linear equation as a linear function...Helpful Hint (from page 146)

1. Solve the equation for  $y$  and then
2. Replace  $y$  with  $f(x)$ .

Example 2: Graph each linear function by finding  $x$ - and  $y$ -intercepts. Then write each equation using function notation.

a.  $-x + 4y = 8$

