

Reading Graphs by Inspection

Algorithm

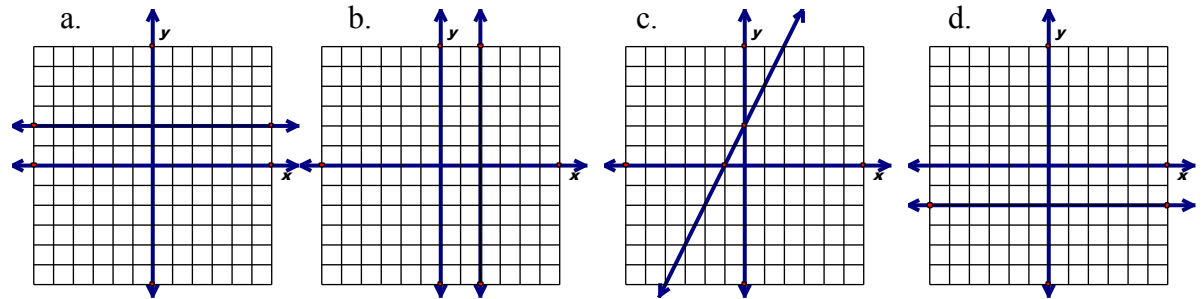
If the equation is in one variable, the graph will be a vertical or horizontal line.

- a. if $x = c$, vertical line through c
- b. if $y = d$, horizontal line through d

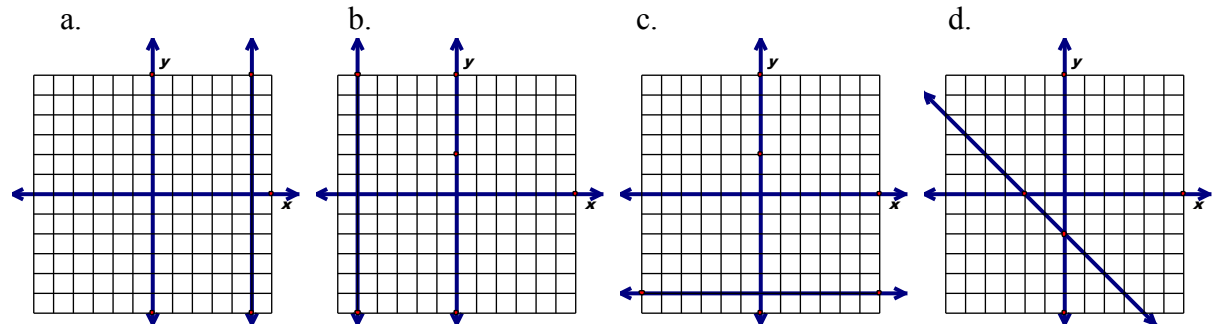
If the equation is in two variables,

- a. in Slope Intercept Form, $y = mx + b$, the graph passes through b with slope m , or
- b. in General Form, $Ax + By = C$, the x intercept is C/A , the y intercept is C/B

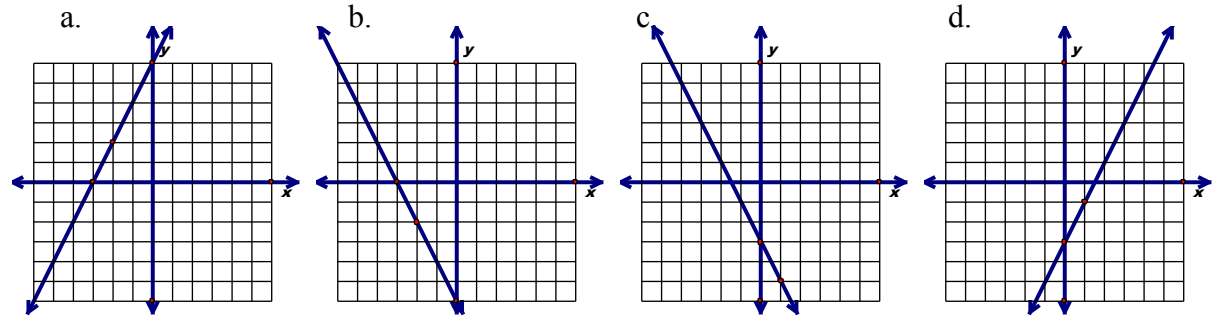
Which of the following is the graph of $y = -2$?



Which of the following is the graph of $2x = -10$?



Which of the following is the graph of $y = 2x - 3$?



Which of the following is the graph of $y = \frac{1}{2}x + 4$?

