

Name: \_\_\_\_\_

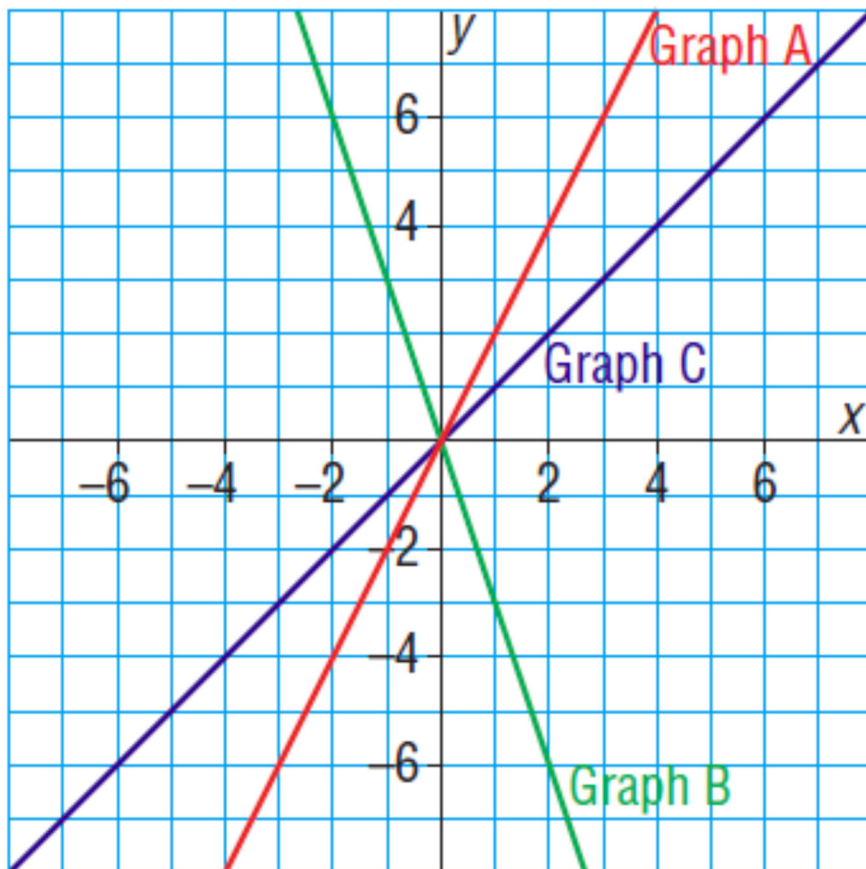
Date: \_\_\_\_\_

**Learning Goal 4.3**

I can write an equation to represent a graph.

Remember our three ways to represent a line for graphing

- 1.
- 2.
- 3.

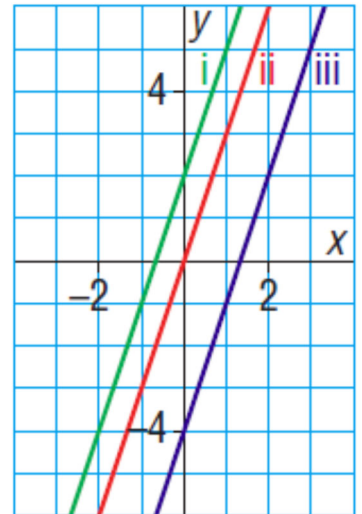
**Example** Match the graph to the equation.

$$y = x$$

$$y = 2x$$

$$y = -3x$$

**Example** Which graph on the grid is represented by  $y = 3x - 4$ . Justify.



**Example** Decide what form of the equation would be simplest to use for each graph, then find the equation.

