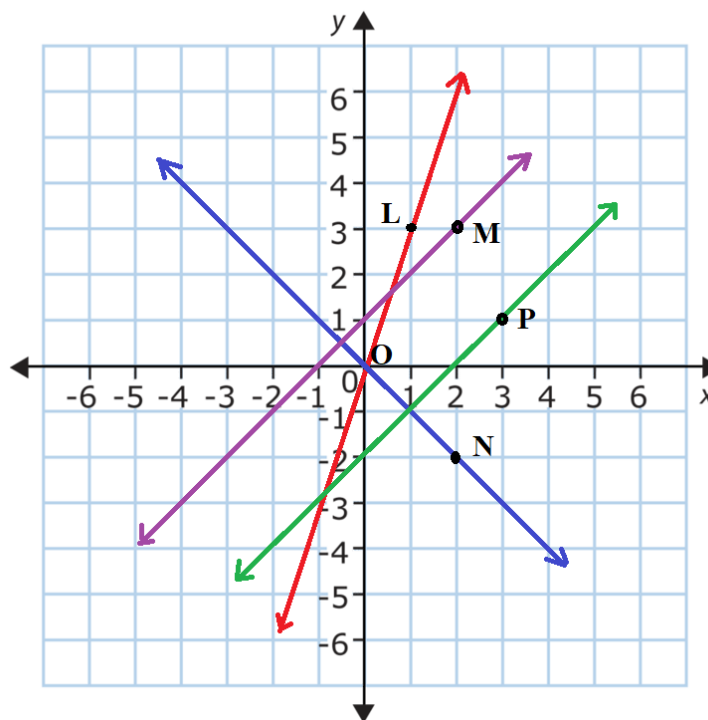


Graphing Linear Equations on a Coordinate Plane

1. Use the given coordinate plane to solve the following problems.

- Which of the four lines represents the equation $y = 3x$?
- Write the equation for the line that has **point M** on it.
- Write the equation for the **line ON**.

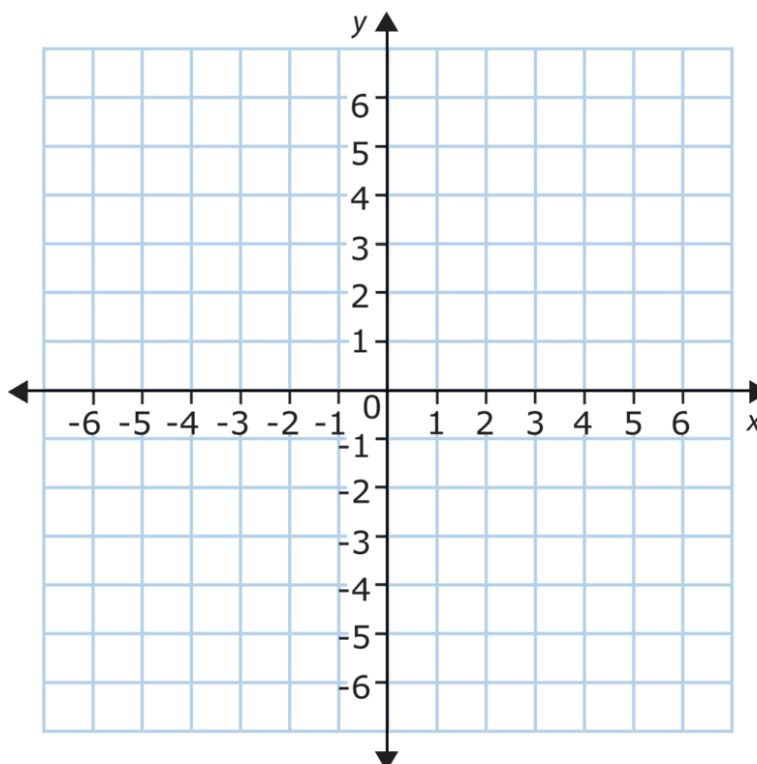


Solution:

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-
-

2. Graph each of the following equations on the given coordinate plane.

- $y = 2x$
- $y = x$
- $y = \frac{1}{2}x$
- $x + y = 0$

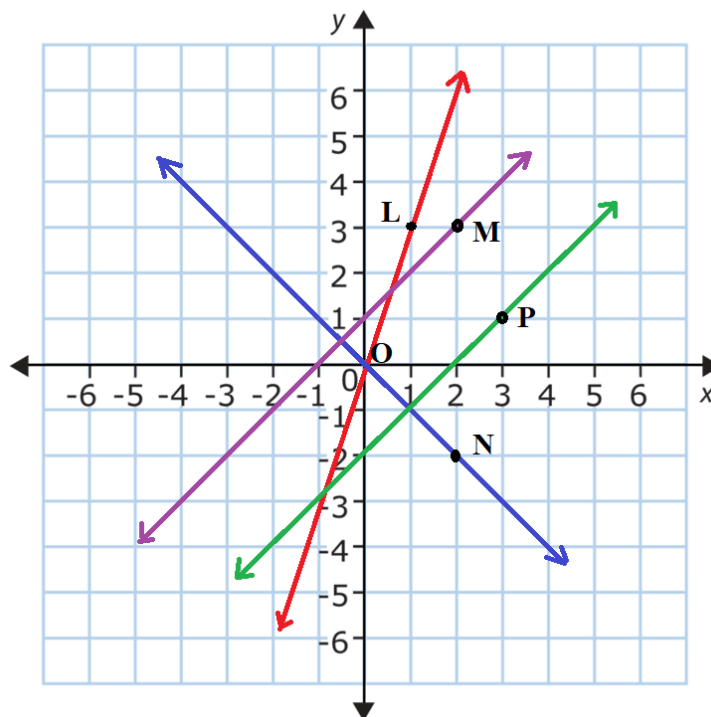


Graphing Linear Equations on a Coordinate Plane

Answer Key

1. Use the given coordinate plane to solve the following problems.

- Which of the four lines represents the equation $y = 3x$?
- Write the equation for the line that has **point M** on it.
- Write the equation for the **line ON**.



Solution:

- line OL**
- $y = x + 1$**
- $y = -x$**

2. Graph each of the following equations on the given coordinate plane.

- $y = 2x$
- $y = x$
- $y = \frac{1}{2}x$
- $x + y = 0$

