

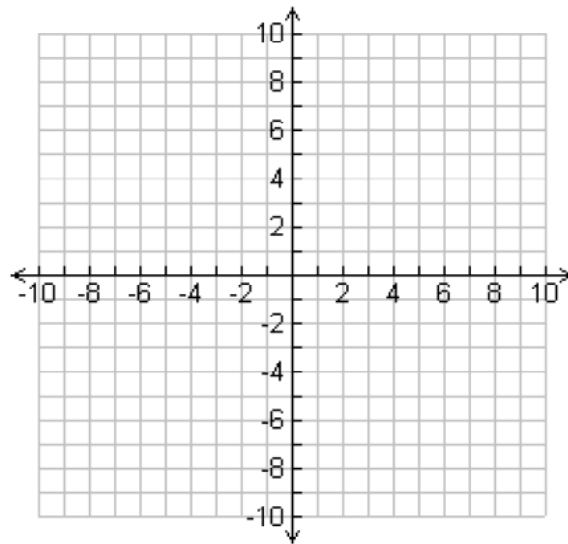
Solutions of Systems of Linear Equations

Fact or Fib

1. Graph the system of linear equations.

$$\begin{cases} y = x - 3 \\ y = -x - 1 \end{cases}$$

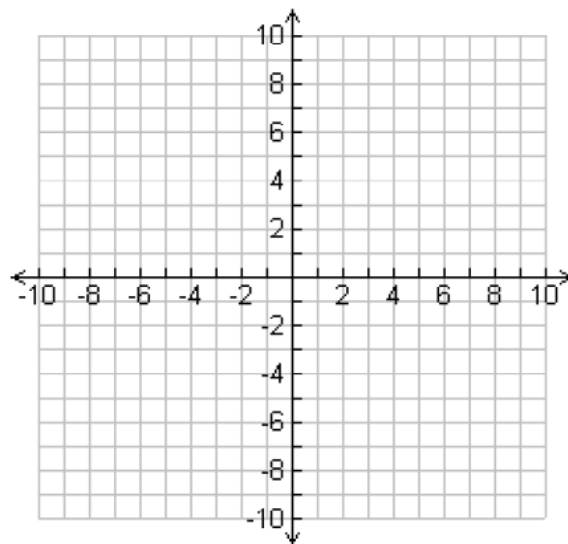
- A
- B
- C
- D



2. Graph the system of linear equations.

$$\begin{cases} y = -2x - 1 \\ y = x + 5 \end{cases}$$

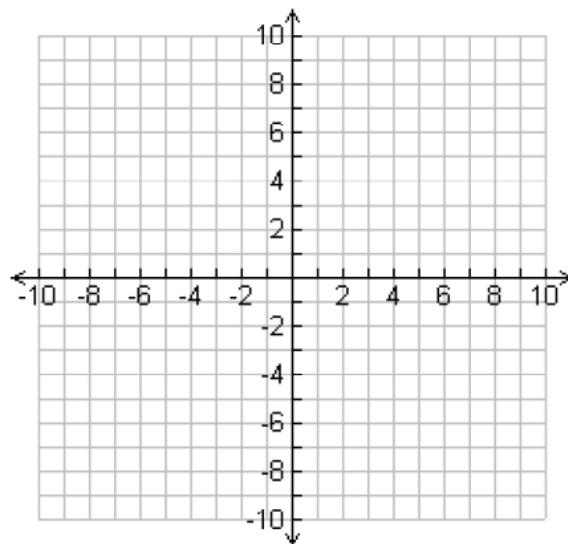
- A
- B
- C
- D



3. Graph the system of linear equations.

$$\begin{cases} y = \frac{1}{2}x + 2 \\ y = -x - 1 \end{cases}$$

- A
- B
- C
- D

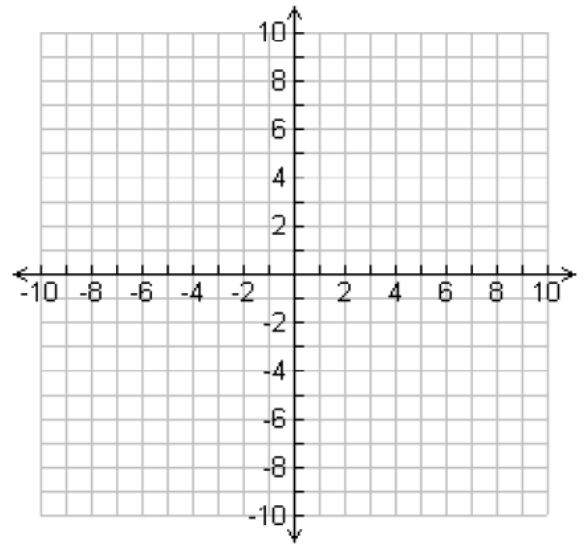


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4. Graph the system of linear equations.

$$\begin{cases} y = -1 - 2x \\ -x + 3 = y \end{cases}$$

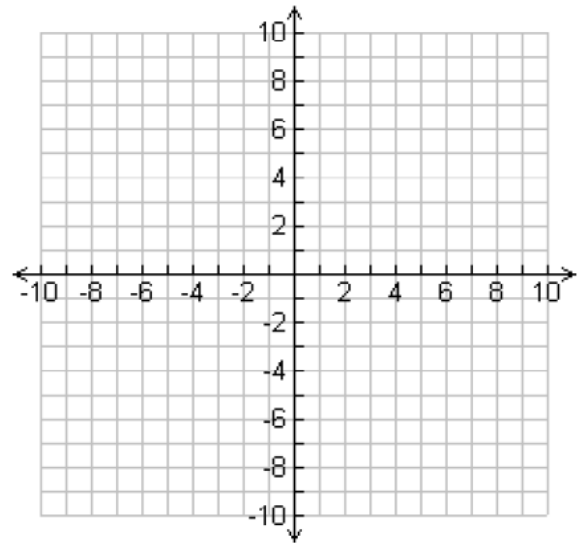
- A
- B
- C
- D



5. Graph the system of linear equations.

$$\begin{cases} y = 3x + 2 \\ y = \frac{1}{2}x - 3 \end{cases}$$

- A
- B
- C
- D



A _____ **linear equations** is a set of two or more linear equations containing two or more variables. A _____ **of a system of linear equations** with two variables is an ordered pair that satisfies each equation in the system.

To find a **solution of a system of linear equations**, you need a point that each line has in common. In other words, you need their _____.