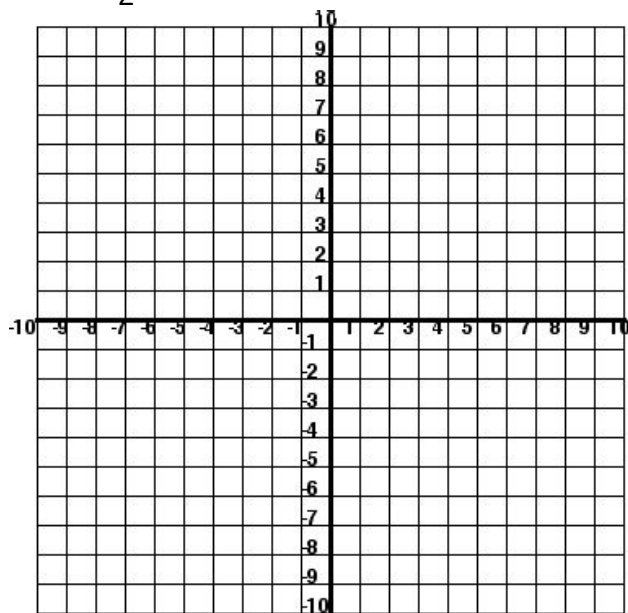


Module 7 Lesson 5: Are You Ready?

1. When you solve a system of linear equations by graphing, how do you determine the solution?
2. Solve the following linear systems by graphing.

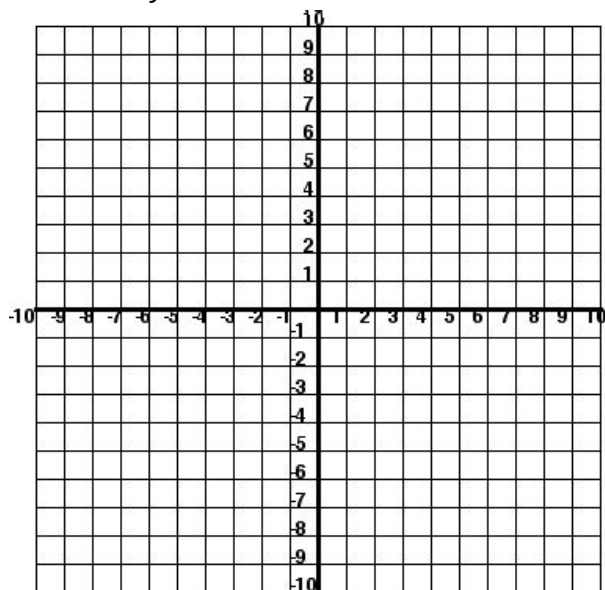
a. $y = x + 1$

$$y = \frac{3}{2}x$$



b. $x + 4y = 4$

$$-2x + y = 10$$



3. Complete the following sentences about parallel lines.

a. Parallel lines are lines that do not _____.

b. The slopes of parallel lines are _____.

4. Identify the lines that are parallel.

Line	Equation
A	$x - 2y = 10$
B	$x - 2y - 3 = 0$
C	$2x - y = 10$
D	$y = \frac{1}{2}x - 6$

5. Solve the following equations by the indicated method.

a. Solve by substitution.

$$x - 4y = 4$$

$$3x + 2y = -16$$

b. Solve by elimination.

$$4x + 3y = 16$$

$$5x - 2y = 43$$