

Lesson 16: Solving Systems by Graphing

1) Determine which point is a solution to the system.

(4,5) (5,1) (6, 2)

$$x + y = 6$$

$$x - y = 4$$

2) Determine which point (if any) is a solution to the system.

(1,2) (0,1)

$$3x + 4y = 6$$

$$2x - 5y = 4$$

3) Solve the system by graphing. Meaning, find the point of intersection.

$$x - y = 8$$

$$x + y = 4$$

4) Solve the system by graphing. Meaning, find the point of intersection.

$$2x - y = 8$$

$$6x + y = 0$$

5) Solve the system by graphing. Meaning, find the point of intersection.

$$3x - y = 5$$

$$2x + y = 5$$

6) Solve the system by graphing. Meaning, find the point of intersection.

$$4x - y = 8$$

$$5x + y = 10$$

7) Solve the system by graphing. Meaning, find the point of intersection.

$$x + y = -2$$

$$x + x = 2$$

8) Solve the system by graphing. Meaning, find the point of intersection.

$$2x + y = 1$$

$$4x + 2y = 2$$