

Must show all steps and all work to earn full credit.

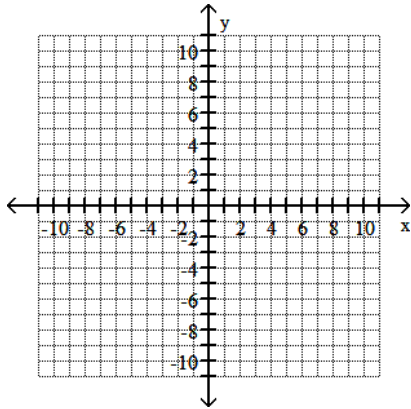
Decide whether the ordered pair is a solution of the given system.

1) $2x + y = 8$
 $3x + 2y = 15$; (1, 6)

2) Solve the system of equations by graphing.

$$y = 2x + 3$$

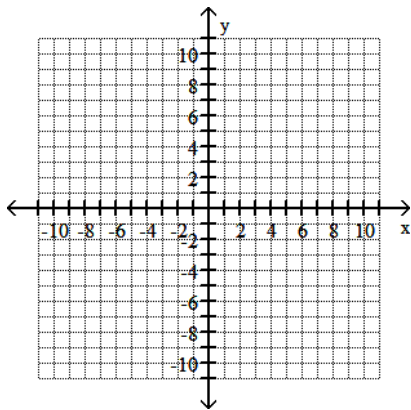
$$y = x + 1$$



3) Solve the system of equations by graphing.

$$x + 4y = 1$$

$$y = 1$$



Solve the system by substitution. If the system is inconsistent or has dependent equations, say so.

4) $x = 22 + 5y$
 $3x - 6y = 21$

5) $x + y = -6$
 $x + y = -8$