

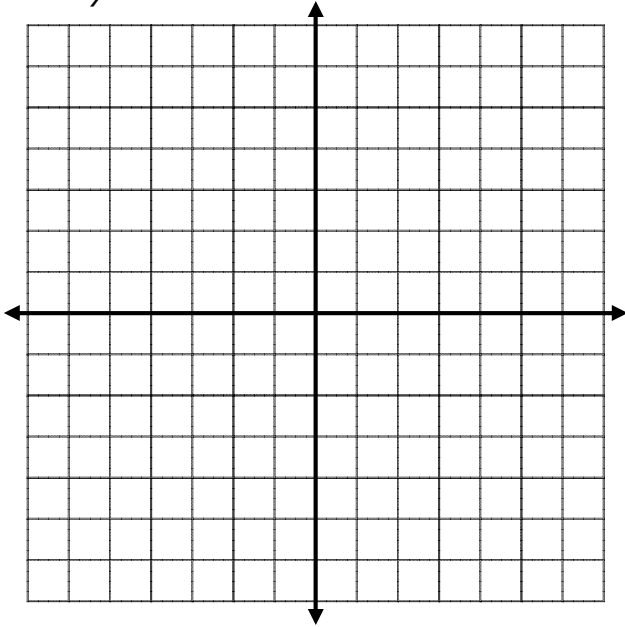
P.S. #5.1 - Solving Systems of Equations Graphically

Name: _____ Class: _____

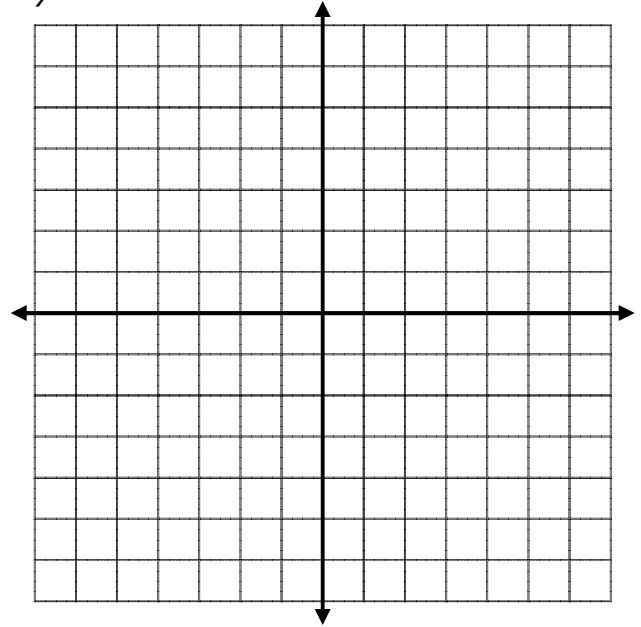
Directions: Solve the following systems of equations. Don't forget to isolate y , if necessary.

Check questions 1 and 7.

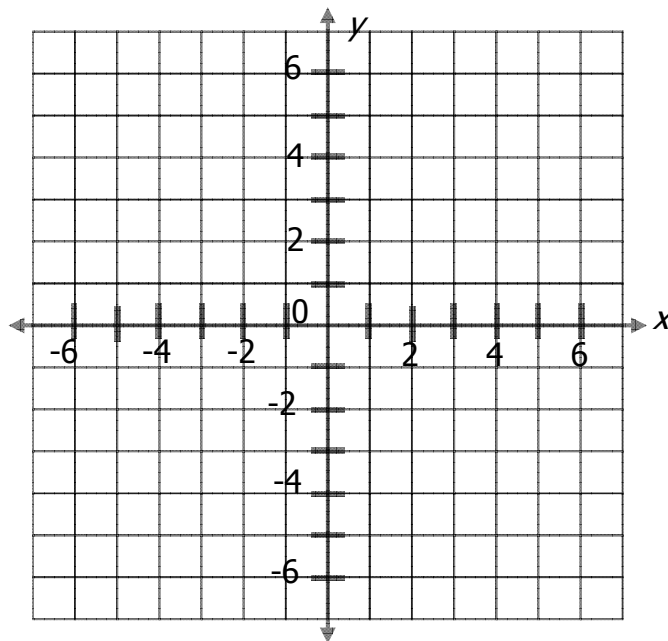
1.) $y = 2x + 1$
 $y = 4x - 1$ Solution: _____



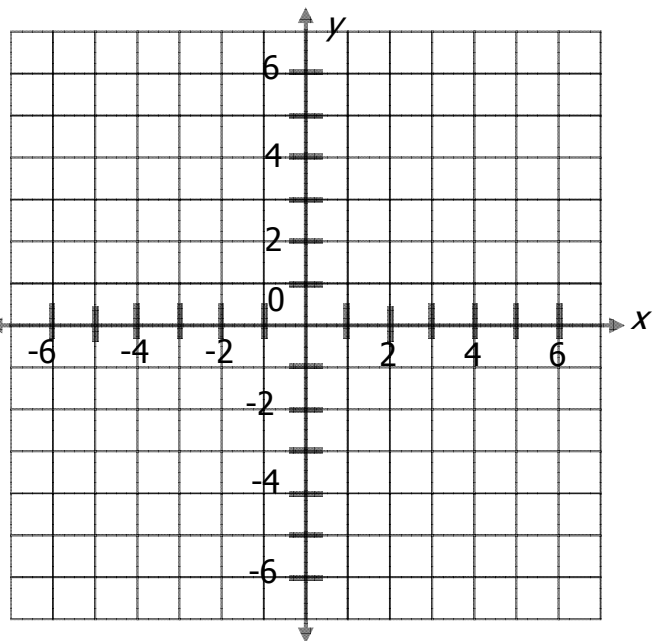
2.) $y = 2x + 1$
 $y = -x + 7$ Solution: _____



3.) $y = 3$
 $y = 2x - 5$ Solution: _____



4.) $x = 2$
 $y = x - 3$ Solution: _____

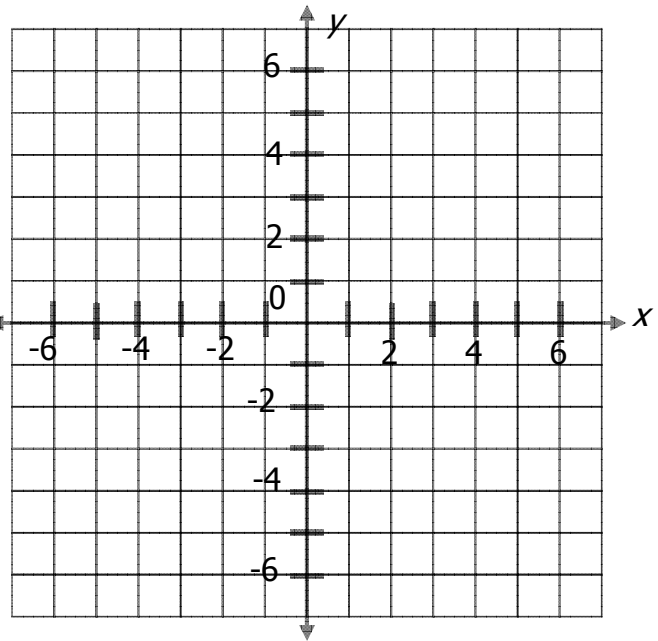
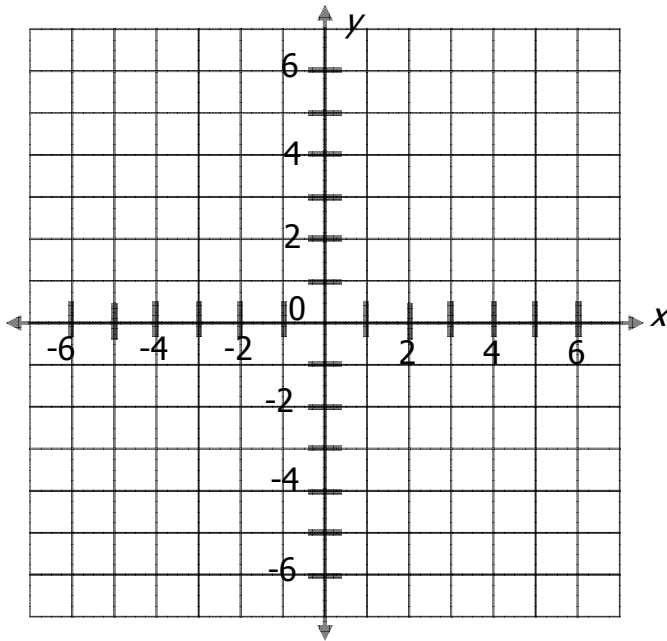


5.) $y = 3x$
 $x + y = 4$

Solution: _____

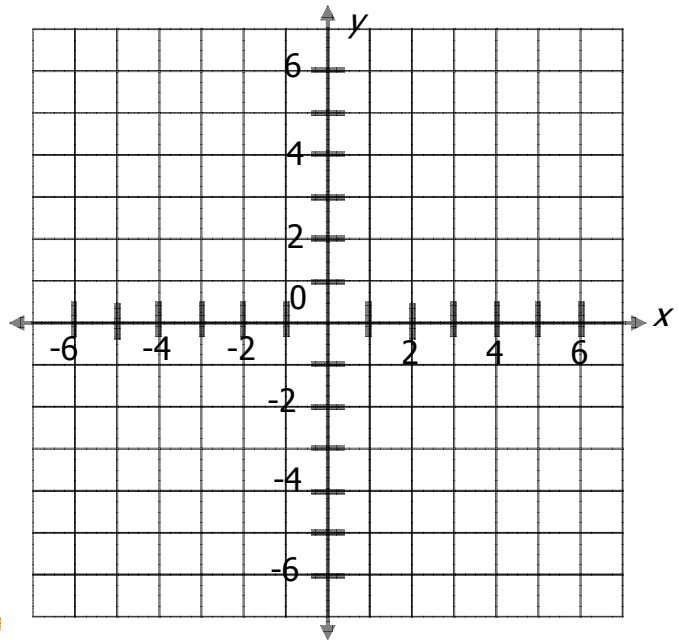
6.) $3y + 15 = 3x$
 $8x + 4y = 4$

Solution: _____



7.) $y + x = 1$
 $3y - 9 = -x$

Solution: _____



Answers:

- 1.) (1,3) 2.) (2,5) 3.) (4,3) 4.) (2,-1) 5.) (1,3) 6.) (2,-3) 7.) (-3,4)