Math 1215   Hw 4   Name :...
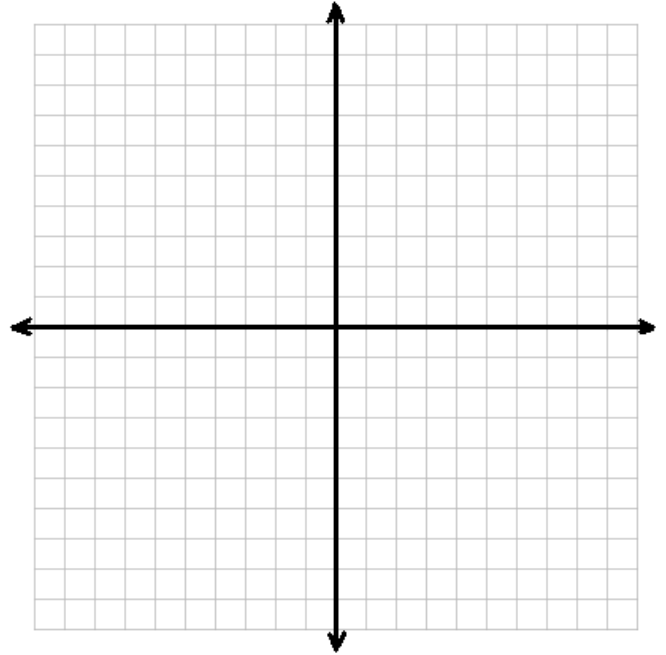
1.Solve the following system graphically:
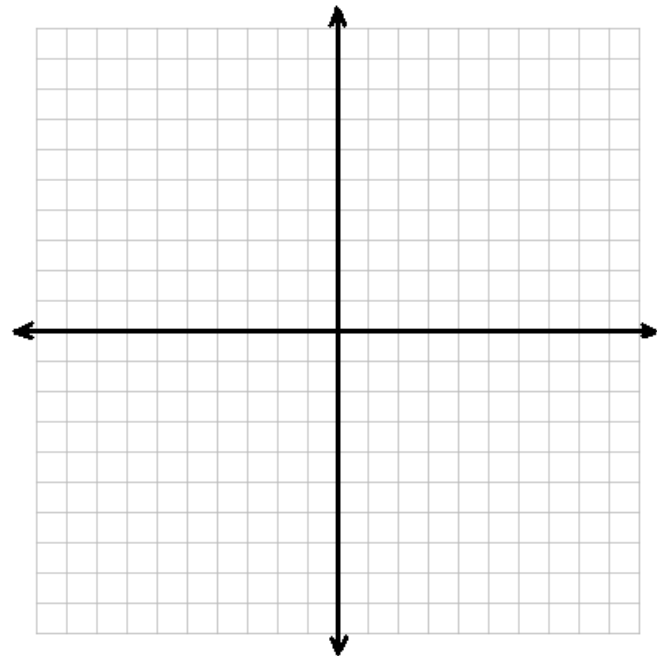$$y = 2x - 5$$
$$y = -\tfrac{1}{3}x + 2$$

Solve graphically and by elimination.
2) $12x - 8y = 48$
$$y - 4 = -2(x - 2)$$

3) Solve:

12 x – 6y = -6

16x -8y = 40

$$2x + 3y = 3$$
$$3x + 5y = 5$$

4) Tickets for the Valentine Dance cost $3 per person or $5 per couple. If $475 worth of tickets were sold and 180 people attended the dance, how many couples were there?

5) The sum of two numbers is 200 and their difference is 28.What are the two numbers?