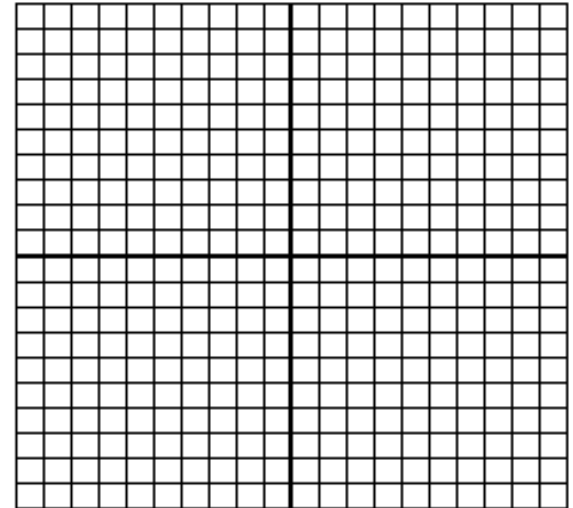


**Coordinate Arithmetic**

Quality – Accuracy – Transfer – 100%

**Section 1. The Cartesian Plane.**

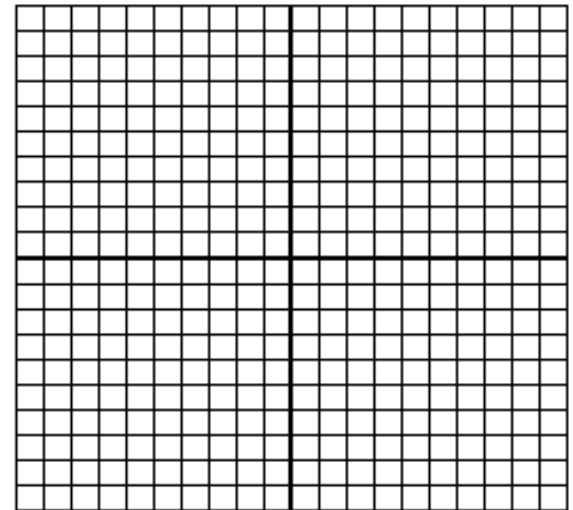
- 1. The x-axis \_\_\_\_\_
- 2. The y – axis \_\_\_\_\_
- 3. The Origin \_\_\_\_\_
- 4. The Scale \_\_\_\_\_
- 5. Quadrants \_\_\_\_\_
- 6. Ordered Pairs \_\_\_\_\_
- 7. The Abscissa \_\_\_\_\_
- 8. The Ordinate \_\_\_\_\_



**Section 2. Ordered Pairs.**

- 1. Plot the following ordered pairs on the Cartesian plane. Indicate the quadrant in which the point lies. If the point lies on one of the axes, indicate that as well.

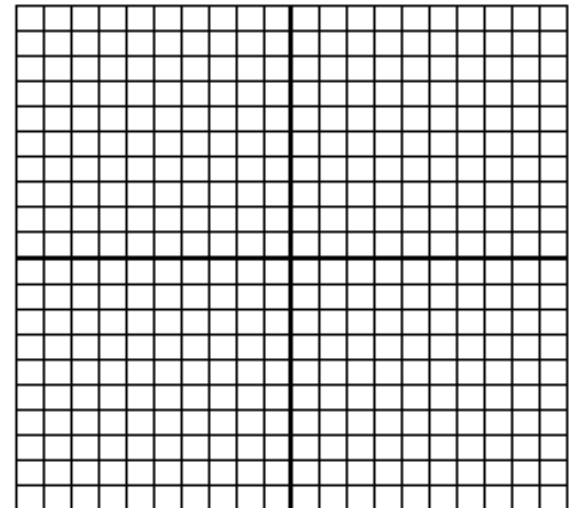
- A(5, 4) \_\_\_\_\_
- B(-3, 6) \_\_\_\_\_
- C(-5, -3) \_\_\_\_\_
- D(3, -5) \_\_\_\_\_
- E(0, 0) \_\_\_\_\_
- F(3, 0) \_\_\_\_\_
- G(0, -6) \_\_\_\_\_



**Section 3. Graphing Horizontal and Vertical Lines on the Cartesian Plane.**

- 2. Graph the following by doing the interpretation on its equation.

$x = 5$                        $y = -3$







4. Work the following on separate graph paper as demonstrated in class. Show all work and support each point you graph.

a.  $2x - y = 6$

b.  $3x - 2y = -4$

c.  $2x = y - 4$

**Homework Section**

Section(s)	Page(s)	Problem(s)
4.2	248	25, 29, 33, 37, 43

Name \_\_\_\_\_

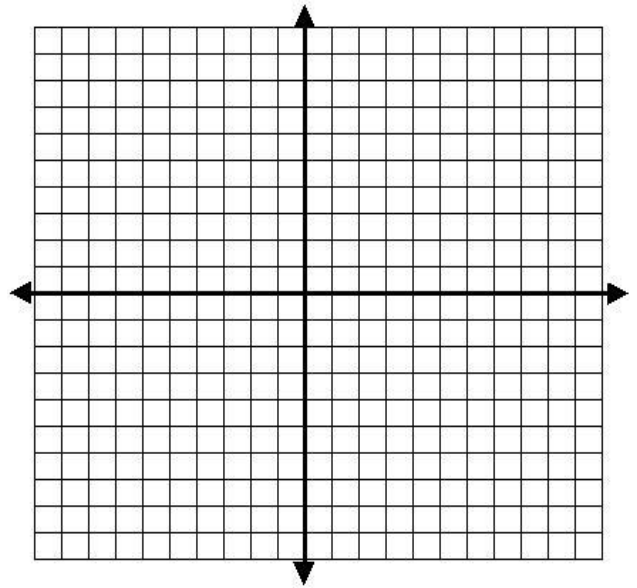
Date \_\_\_\_\_

Prof. Philip Abel

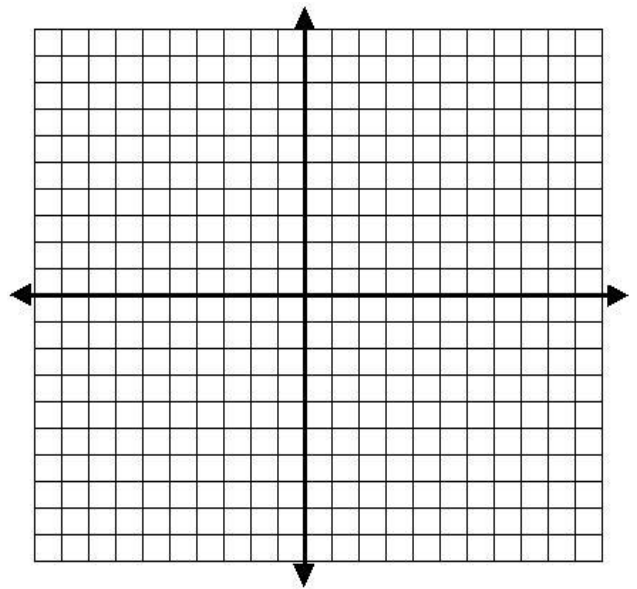
Math 098 – Elementary Algebra

Class #11

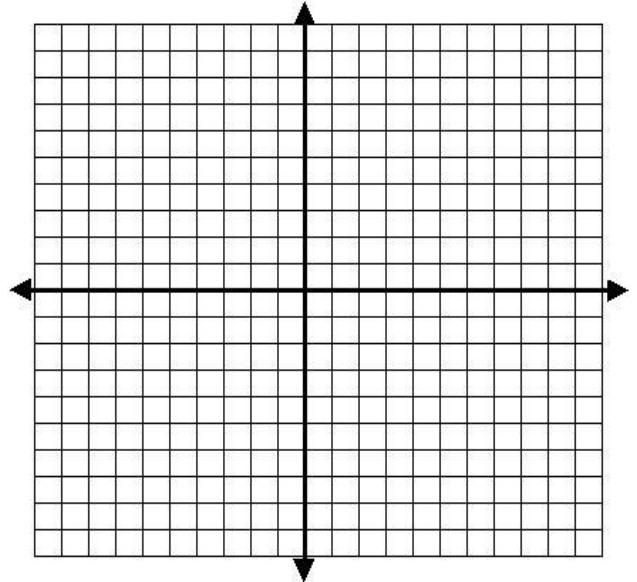
Problem 4a.



Problem 4b.



Problem 4c.



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***Warm Up***

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Quality – Accuracy – Transfer – 100%

**Section 1. “Re-Arrange” and “Re-Write” Each Equation to Solve for y “in terms of” x.**

Problem	Re-Arrange	Simplify
1. $x + y - 4 = 0$	_____	_____
2. $2x + 3y = -6$	_____	_____
3. $3x - 4y = 4$	_____	_____

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Date \_\_\_\_\_  
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***Warm Up***

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Quality – Accuracy – Transfer – 100%

**Section 1. “Re-Arrange” and “Re-Write” Each Equation to Solve for y “in terms of” x.**

Problem	Re-Arrange	Simplify
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