

Name: \_\_\_\_\_  
www.hendersonmath.com

Date: \_\_\_\_\_  
Henderson – Math 8

### Homework for Week 4

#### Monday: HW#4A

**Describe in words how to locate the following coordinates:**

1)  $(4, -3)$  \_\_\_\_\_

2)  $(2, 7)$  \_\_\_\_\_

3)  $(-45, 78)$  \_\_\_\_\_

4)  $(-52, -73)$  \_\_\_\_\_

**Determine the quadrant in which each point lies:**

5)  $(2, -3.5)$  \_\_\_\_\_

6)  $(-5, -14)$  \_\_\_\_\_

7)  $(56, 578)$  \_\_\_\_\_

8)  $(-7, \frac{3}{4})$  \_\_\_\_\_

#### Tuesday: HW#4B

**Graph the coordinates on the grid below and label it with the correct letter:**

9) **A**  $(0, -3)$

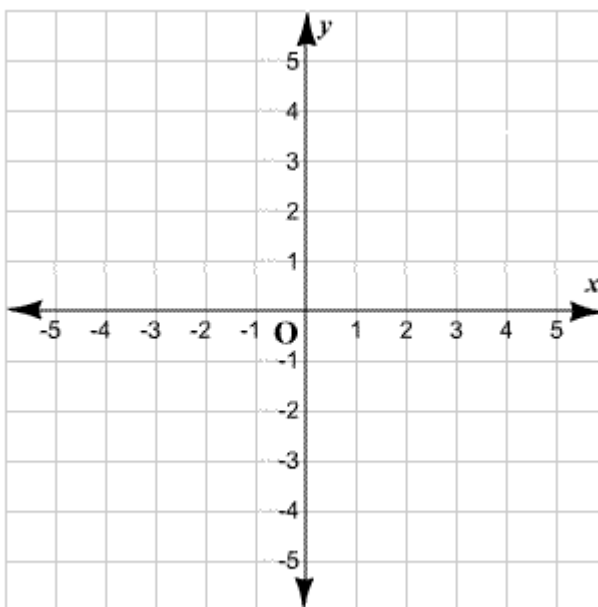
10) **B**  $(2, 6)$

11) **C**  $(-3, -4)$

12) **D**  $(0, 3)$

13) **E**  $(-2, 0)$

14) **F**  $(3, 1.5)$



**Wednesday: HW#4C**

**Solve the following equations:**

15.)  $4x - 6 = 2(2x - 3)$

16.)  $3x + 8 = 3x$

17.)  $4 + 2x = 6x$

18.)  $\frac{1}{2}(x + 10) = 14$

19.)  $5x + 4 = 10x + 4 - 5x$

20.)  $0.2(x + 1) = -36$

**Thursday: HW#4D**

21) Construct and **label** a line graph from the data table:

Minutes	Number of bacteria
2	100
2.5	125
3.5	175
5	250

