

Name: _____

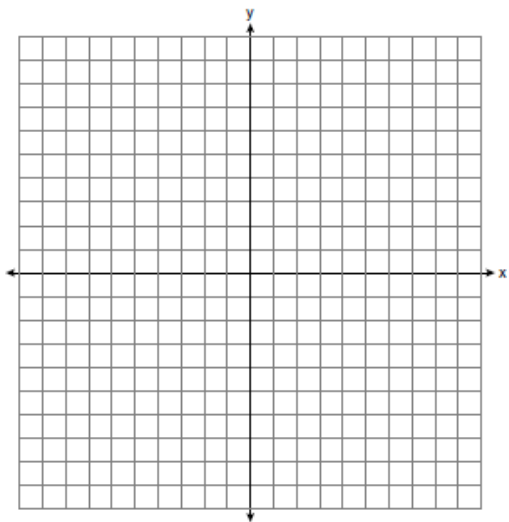
Date: _____

HW #22

Period: _____

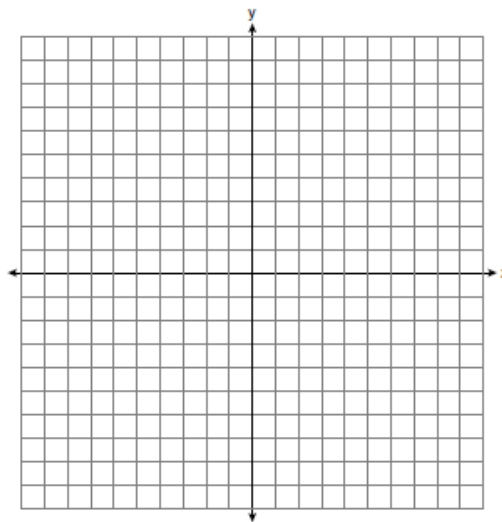
1) Find the equation of the line which has a slope of -4 and contains the point (3,-7). Be sure to fill in the information below.

2) Graph the Line $x = -5$



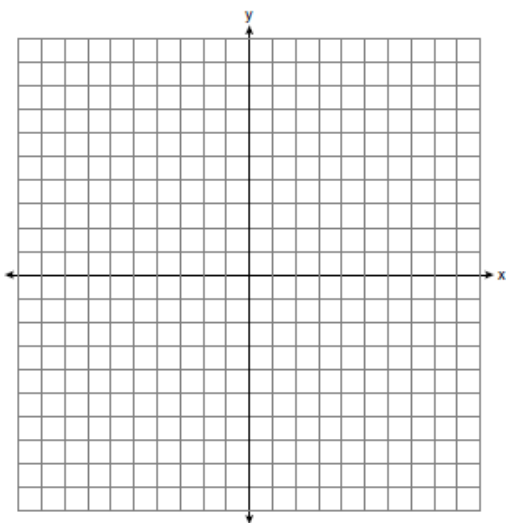
Name a point on the line _____

3) Graph the Line $y = 9$



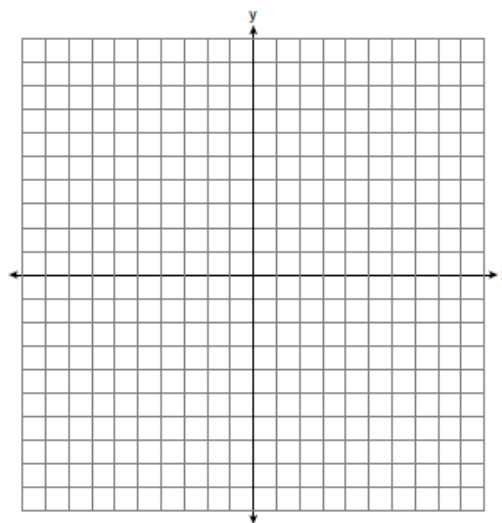
Name a point on the line _____

4) Graph the line $6y - 2x = 12$



Name a point on the line _____

5) Graph the line $y = -\frac{2}{3}x + 4$



Name a point on the line _____

6) Find the slope of a line which contains the points $(-2, 4)$ and $(-8, -6)$. Is the line increasing or decreasing?

7) Find the equation of a line given the points $(0, -5)$ and $(-2, -6)$

8) The chart below compares two runners. Based on the information in this chart, state which runner has the faster rate. Justify your answer.

Runner	Distance, in miles	Time, in hours
Greg	11	2
Dave	16	3