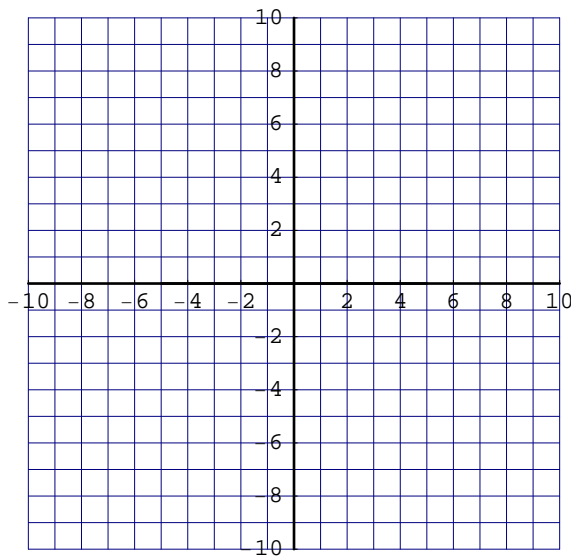


NAME: _____

Math 103L: Exercise on Graphing Lines (Section 1.2)

These problems are a sample of the kinds of problems that may appear on the final exam. Some answers are included to indicate what is expected. Problems that require a summary statement are marked with Sum. The summary statements should be written in complete sentences and they should include the units of measurement for all quantities mentioned in the summary.

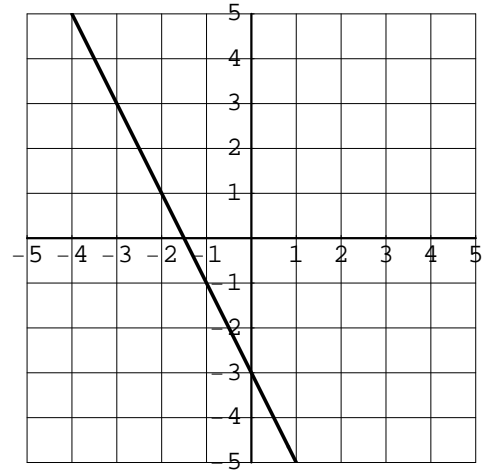
1. Plot the points $(-4, 6)$, $(1, 3)$ on the graph below and make an **accurate** drawing of the straight line passing through the two points.



Find the slope of the line:	
What is the y -intercept?	

2. The graph of a linear function $f(x)$ is shown below.

Find the slope of the line:	
Find $f(-2)$	
What is the y -intercept?	



3. Draw an accurate graph of the function $f(x) = -\frac{1}{2}x + 1$. Your graph should clearly show the intercepts, and the point $(-4, f(-4))$.

