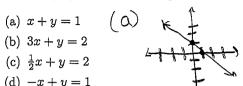
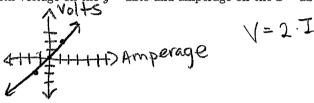
GroupWork Sections 3.2 6-27-12

Group Members.

1. Sketch a graph of the following:.



2. Ohm's law tells us that V = IR; i.e. $voltage = amps \cdot resistance$. Suppose resistance is held constant at 2 ohms. Sketch a graph displaying the relationship between voltage and amperage. (Hint: sketch your graph with voltage on the y - axis and amperage on the x - axis.)



3. Suppose we have 30 meters of fence and we wish to build a rectangular fence. Answer the following questions:

(a) Write a function that relates the width and length of the rectangular region surrounded by our fence.

(b) Use the equation found in (a) to complete the ordered pair (5,).

(c) Write a sentence explaining what the ordered pair found in (b) represents.

(d) Can I fence in a rectangle with a width 40 meters?

No, there are only 30 meters of fencing, we would have to have negative (40) + 2l = 30 l = -25