1. Graph:

2. Frank and Joe sell lemonade. They buy lemons for $0.50 each and sugar costs them $1 for 1kg. They have $20 to spend on supplies.
   
   a. Give two combinations of lemons and sugar that would total $20
   
   b. Represent this situation with an equation
   
   c. What is the domain (lemons) and range (sugar) for each?
   
   d. Is the solution set represented by the region above the line, below the line, or on the line itself?
   
   e. Is the line solid or dashed?
   
   f. Graph the relationship