1. A market research group conducted a survey of 1000 consumers and reported that 720 consumers liked product A and 450 consumers liked product B. What is the least number that must have liked both products?

2. In a survey of 600 workers in a plant indicated that 410 owned their own homes. 500 owned cars, 500 owned T.V. 410 owned cars & T.V. 340 owned cars & house. 370 owned houses & T.V. and 300 owned all three. Is the survey correct?

   Assignment

3. A survey was conducted of group of 1000 successful investors. The result indicated that 496 owned utilities, 510 owned automotive stock, 480 owned leisure time stock 300 owned utility and leisure time stock, 340 owned Automotive and leisuxe time stock, 280 owned utility and Automotive while 200 owned all three. Draw a venn diagram,. Find out

   a. How many investors invested in utility or automotive time stocks or leisure time stock at least one)
   b. Who invested none of the said investment.
   c. How many investors invested just in utility.
   d. How many investors invested just in Automotive stocks.
   e. How many investors invested just in leisuxe time stocks.
   f. How many investors invested in utility & leisuxe lime stock.
   g. How many investors invested in Automotive stocks leisuxe time stock.
   h. How many investors invested in utility & Automotive time stock
   i. How many investors invested in only one of the said stock.
   j. How many investors invested in only in the two of the stocks.