IV. The following data concerns the buying habits of people entering a retail store in relation to their gender. Please complete the chart.

Customer Buying Habits and Gender			
Customer Gender Making a Sale	Male	Female	Totals
Yes	42		56
No		6	
Totals	60		

V. Using the above data, draw a Venn diagram and determine, using a formula, the probability of each of these events.

A. The probability of making a sale is _____.

B. The probability of a customer being female is _____.

C. The probability of making a sale or a customer being male is _____.

D. The probability of making a sale or not making a sale is _____.

E. State the rule used to answer questions C and D.
   What condition is necessary to apply each rule?