## Practice Set 7 Understanding Probability

I. Darin collected the following information concerning customer age and making a sale. Please complete this chart.

| Customer Age and Making A Sale |  |  |  |
| :---: | :---: | :---: | :---: |
| Customer Age | Less than or <br> equal to 20 | Over 20 | Totals |
| Making A Sale |  | 8 |  |
| No | 24 |  | 36 |
| Yes | 40 |  |  |
| Totals |  |  |  |

II. Solve the following problems using the data from question 1. Be sure to use a formula and draw a Venn diagram.
A. The probability of making a sale.
B. The probability of a customer being over 20 .

