

B. Ben estimates that the **cost** of maintaining and advertising the maze is \$20 per day.

1.) Write an **expression** that represents the amount of *profit* that the family expects to make each day the maze is open.

2.) Using the expression you created in number one calculate the *profit* for:

80 visitors _____

105 visitors _____

120 visitors _____

C.

1.) In the third column of the table from part A, find the profit for the corresponding number of visitors.

2.) Using a different color, graph the profit on the same graph as in part A.

3.) How does the shape of the *profit data* compare to that of the *money collected data*?
