Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Scatter Plots and Lines of Best Fit***

1. What is your selected sport (indicate if this is a male or female team)?

2. What type of correlation does your graph show?

3. What is the equation of the line of best fit?

4. Does this linear equation correlate to the graph or would it be better represented by quadratic or cubic regression?

5. In a few paragraphs explain the relationship of the correlation and the line of best fit. Include the implications that can be made from this data.