Wingspan v Height Assessment Questions

Direction: Use your graph(s) that were built in class to help your answer

1. Do you think having a larger wingspan could be a benefit in anyway? What would that be?
2. How well does a straight line fit the wingspan vs. height data? What does that mean?
3. Can we claim that the scatterplot represents a correlation between height and “wingspan” in the general population from our class data set? Why or why not?
4. What about Michael Phelps – is he like us or is he different? How?
5. How do your measurements compare to Michael Phelps?
6. Explain what the “Line of Best Fit” shows to the viewer of the graph.

1. What is the general equation for the line of best fit? What is our equation for the line of best fit? What does m stand for? What does b stand for?