A. Question: Is there a relationship between BMI and pulse rate?

Hypothesis:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Use the data from the Class Data Sheet to create a scatterplot. Make sure you label your axes and include a title.

1. What type of trend do you observe in the scatterplot?

________________________________________________________________________

________________________________________________________________________

2. Write an explanation of the relationship between BMI and pulse rate.

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________
B. Question: Is there a difference between male/female date in the relationship BMI and systolic blood pressure?

Hypothesis:

______________________________________________________

______________________________________________________

______________________________________________________

Use the data from the Class Data Sheet to create a scatterplot. Use different colors to distinguish between male and female data points. Make sure you label your axes and include a title.

1. What type of trend do you observe in the scatterplot?

______________________________________________________

______________________________________________________

2. Write an explanation of what you observe on the scatterplot.

______________________________________________________

______________________________________________________

______________________________________________________