**Sensors and Scatterplots Activity –**

**Manual Graphing Worksheet**

1. 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.

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

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

1. 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.

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

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