

# Sensors and Scatterplots Activity – Scatterplots with Technology Worksheet – **Sample Answers**

## Directions

Using our class data sheets, we will analyze more scatterplots, using the Create A Graph website to make our scatterplots. Access the website by searching “Create a graph” in your browser search bar, or enter the following address: <http://nces.ed.gov/nceskids/createagraph/default.aspx>). Complete the following.

## Questions

### 1. Is there a relationship between BMI and pulse rate?

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

**As BMI values increase, pulse rates increase.**

### 2. Is there a difference between male/female data in the relationship BMI and systolic blood pressure?

Write an explanation of what you observe on the scatterplot.

**The BMI values of the females are higher than the BMI values of the males.**