## Scatter Plot Worksheet Answer Key

Platter of Scots! Wait, Actually, Scatter Plots. Don't Count on Bagpipes.

The following scatter plot shows heights and weights of a group of people.


1. What is the height and weight of the person at point A?

56 inches/ 85 pounds
3. What is the height and weight of the person at point $B$ ?

54 inches/ 80 pounds
4. Are there any outliers?

60 inches/ 75 pounds
52 inches/ 105 pounds
58 inches
5. How much does the person at 48 inches
weigh?
There are two: one is 70 pounds and the other is 75 pounds.
6. Draw a scatter plot where the data is highly correlated.

7. Draw a data set that is not correlated.

8. Draw a negatively correlated set.

9. Is there a positive correlation, negative correlation, or no correlation between the amount of chocolate eaten and pant size?

Positive correlation.
10. Is there a positive correlation, negative correlation, or no correlation between hair length and shoe size?

No correlation.
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