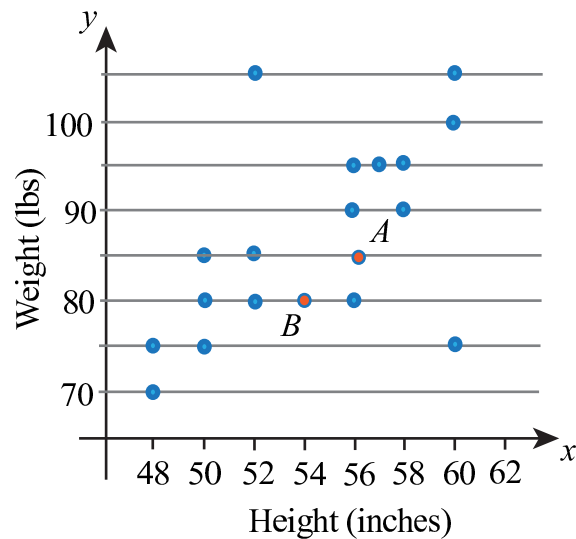


## Scatter Plot Worksheet Answer Key

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

2. How tall is the person who weighs 90 pounds?

58 inches

4. Are there any outliers?

60 inches/ 75 pounds

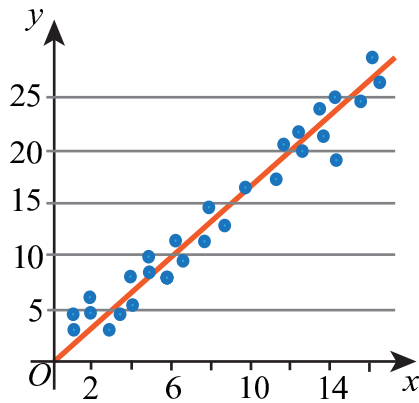
52 inches/ 105 pounds

5. How much does the person at 48 inches

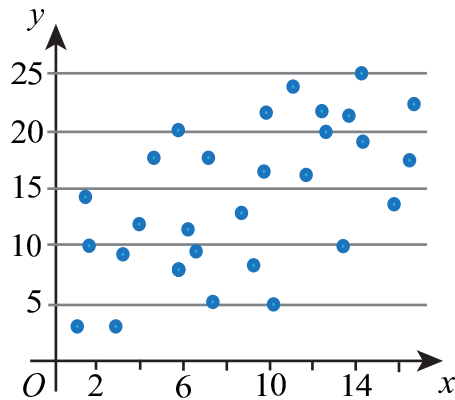
weigh?

There are two: one is 70 pounds and the other is 75 pounds.

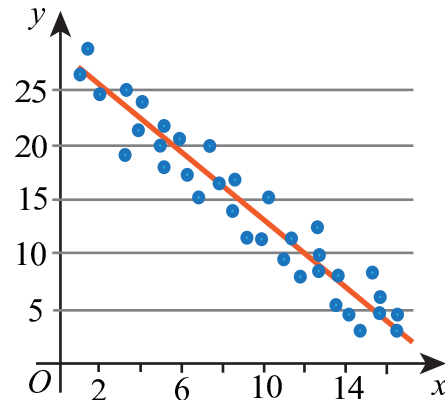
6. Draw a scatter plot where the data is highly correlated.



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.