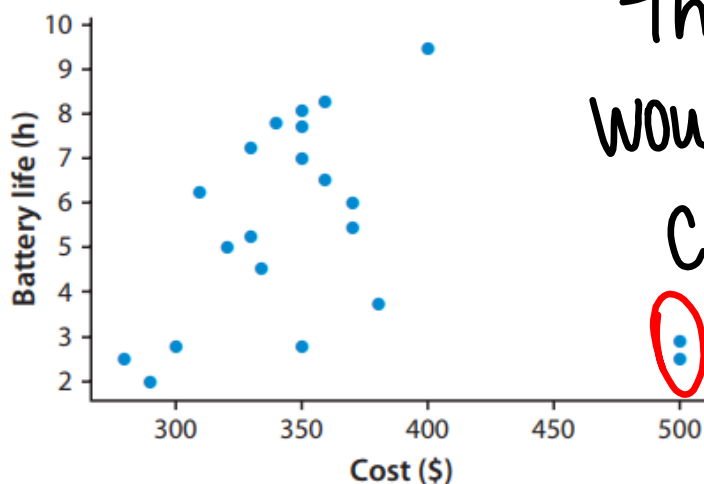# 2.4 Calculating the Correlation (Part 3)

While the correlation is a good way to measure the strength and direction of a linear relationship, it has limitations.

In the previous section, we learned the correlation doesn't imply a cause-and-effect relationship and that correlation alone doesn't reveal the form of the relationship.

Example: The scatterplot shows the relationship between cost (in dollars) and battery life (in hours) for a sample of netbooks. How do the two points in the lower-right corner of the graph affect the correlation? Explain.

These two points would cause the correlation to be weaker & more negative.