Correlation vs. Causation Worksheet - Guided Lesson Explanation

The general explanation is that a positive graph displays a relationship. A negative graph does too. Only graphs that are all over the place can be dismissed.

Explanation#1

If you were to draw a best line of fit, the line would gradually increase from origin.

The data has a positive correlation.

Explanation#2

Since the data is not 100% increasing and there is a good bit of variation, causation cannot be determined. The answer would therefore be d.

Explanation#3

David has not explored every possible variable, so we cannot determine the full causation from the data. C is the answer.

