Looking at the scatterplot showing the relationship between anxiety level and science achievement, I need to carefully analyze the pattern and strength of association to determine the correct answer.

The scatterplot shows:

- Most data points clustered in the region of low anxiety levels (0-20) with science achievement scores ranging from approximately 17-27

- There appears to be one outlier at an anxiety level of about 50 with a science achievement score of 10

- Within the main cluster, there doesn't appear to be a clear directional relationship between anxiety and achievement

Examining the pattern more closely:

- The main cluster of points shows no clear linear trend (neither positive nor negative)

- The single outlier point suggests that very high anxiety might be associated with lower achievement, but a single point is insufficient to establish a pattern

- The overall dispersion does not demonstrate a consistent predictable relationship between the variables

Based on this analysis, the correct answer would be:

(C) This graph shows very little, if any, linear relationship between anxiety and achievement in science.

The data does not display a consistent pattern of achievement decreasing as anxiety increases (which would indicate a negative relationship), nor does it show a consistent pattern in any other direction. The correlation appears quite weak, with most points scattered without a discernible pattern.