

Question 7 (Multiple Choice Worth 5 points)

(06.07 LC)

A scatter plot is made to model the number of grams of fat in different portions of fried shrimp. The data used for the scatter plot are shown in the table below:

|                        |             |
|------------------------|-------------|
| Number of portions     | 538614      |
| Number of grams of fat | 45277254936 |

What does the slope of the model represent?

- The number of fried shrimp having one gram of fat
- The number of grams of fat in each portion of fried shrimp
- The original number of portions of fried shrimp
- The price of each portion of fried shrimp



Question 8 (Multiple Choice Worth 5 points)

(06.06 MC)

Given the data set (5, 9), (13, 12), (23, 16), which of the following equations best represents a line of best fit?

- $y = x - 7$
- $y = x + 7$
- $y = x + 7$
- $y = x - 7$

Question 9 (Multiple Choice Worth 5 points)

(06.07 LC)

Consider the following scenario:

A football player notices a pattern in the points he scored per game last season. Which event probably has the strongest correlation with the football player's points?

- The average high temperature on game day
- The color of the opposing team's jerseys
- The number of times he caught a pass successfully
- The number of hot dogs sold during each game

