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| Chad was trying to determine how quickly his family goes through a bar of soap in the shower. He took the weight of the soap in the shower over a period of several days. | * 1. Using a ruler, draw a line of best fit through the data points that captures the general trend of the data.   2. Estimate the slope and *y-*intercept of your line.   *m* \_\_\_\_\_\_\_ *b* \_\_\_\_\_\_   * 1. Write a prediction function (equation in y=mx+b) for the data set.   2. What does the slope represent in the context?   3. What does the *y­*-intercept represent in the context?   4. Predict the weight of the soap bar after 2 days of using the soap. |
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