Name:

Period:

1. Find the line of best fit for the scatter plot to the right.

What is the linear function of the line of best fit? Show all work.



What is the average price of a hotel today? Show all work.

When will the average price be \$150? Show all work.

2. Find the line of best fit for the scatter plot to the right.

What is the linear function of the line of best fit? Show all work.



How much ice cream might be sold if the temperature is 36°C? Show all work.

What might be the temperature if ice cream sales reached 200 kilograms in a week? Show all work.

3. Find the line of best fit for the scatter plot to the right.

What is the linear function of the line of best fit? Show all work.



What test score might a student receive if he or she completed 50% of the assignments? Show all work.

If a student wanted a 100% on his or her test, how much home work would he or she need to complete? Show all work.