Skill Practice 2

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Intro to Graphs

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour: \_\_\_\_\_

Malachi is selling popsicles at a garage sale, which runs Monday through Saturday. He wanted to see if the temperature affected sales, so he collected the following data:

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| Popsicle Sales and Daily Temperatures Over One Week Period |
|  | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. | Total |
| Number of Popsicles Sold | 5 | 11 | 17 | 2 | 8 | 22 | 60 |
| Daily Temperature (°F) | 68 | 72 | 76 | 60 | 63 | 81 |  |

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Number of Glasses Sold

Days of the Week

1. Plot the data on the graph provided.
2. What is the independent variable in the data?
3. What is the dependent variable?
4. Describe the trends in the two lines of your graph.
5. What do you think Malachi will conclude about daily temperatures and popsicle sales?

Number of Glasses Sold

Daily Temperature (°F)

Days of the Week

1. Is there anything else (perhaps an additional explanation for sales?) that Malachi should consider if he were to do another popsicle sale?