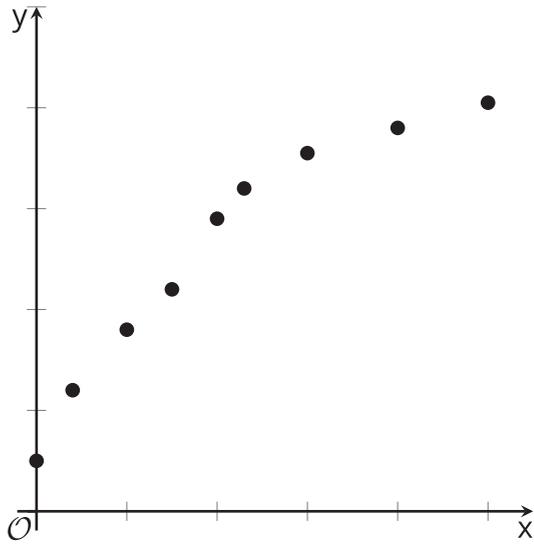


Unit 5 Lesson 11: Making a Model for Data

1 What Function Could It Be? (Warm up)

Student Task Statement

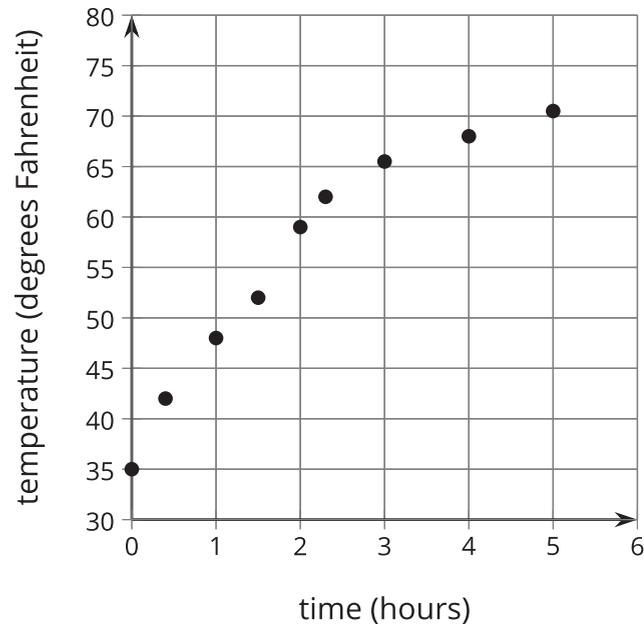
What do you notice? What do you wonder?



2 Heating Up

Student Task Statement

Here is a graph of data showing the temperature of a bottle of water after it has been removed from the refrigerator.



For the function types assigned by your teacher:

1. Apply a sequence of transformations to your function so that it matches the data as well as possible.
2. How well does your model fit the data? Make adjustments as needed.

Images for Activity Synthesis

