



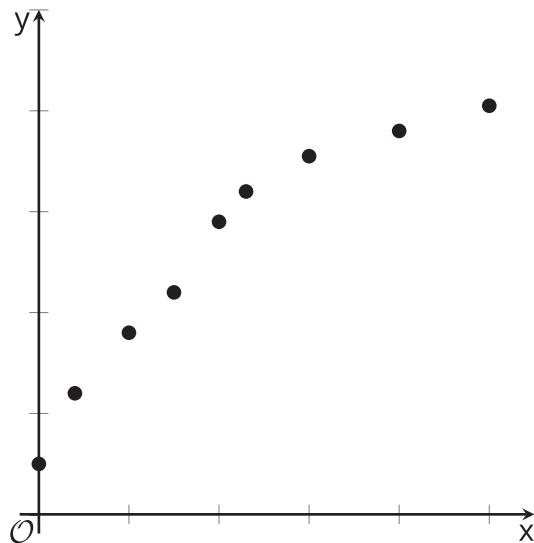
Making a Model for Data

Let's model with functions.

15.1

Notice and Wonder: What Function Could It Be?

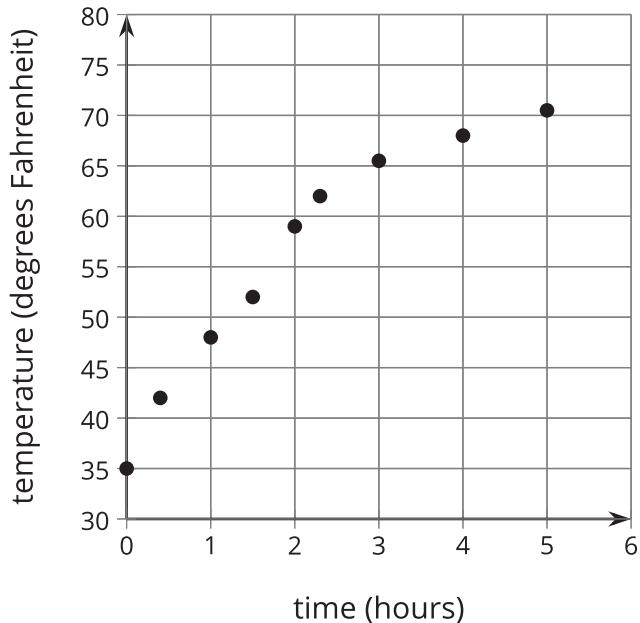
What do you notice? What do you wonder?

**15.2**

Heating Up

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.