**Enrich**



**Graph with Integers**

Statistical graphs that display temperatures, elevations, and similar data often involve negative quantities. On graphs like these, the scale usually will have a zero point and will include both positive and negative numbers.

 **For Exercises 1-6, use the bar graph to answer each question.**

 **1.** In which cities is the record low temperature greater than 0° Fahrenheit?

 **2.** In which cities is the record low temperature less than 0° Fahrenheit?

 **3.** In which city is the record low temperature about 25° Fahrenheit?

 **4.** Estimate the record low temperature for New York City.

 **5.** In which cities is the record low temperature less than twenty degrees from 0° Fahrenheit?

 **6.** How many degrees are between the record low temperatures for Bismarck and Honolulu?

 **7.** Make a bar graph for the data shown in the table below.

 **Altitude of Some California**

 **Locations Relative to Sea Level**

|  |  |
| --- | --- |
| **Location** | **Altitude (ft)** |
| Alameda | 30 |
| Brawley | −112 |
| Calexico | 7 |
| Death Valley | −282 |
| El Centro | −39 |
| Salton City | −230 |