Problem of the Week

Problem A

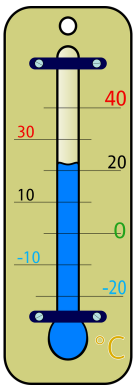
A Week of Weather

Aiyana records the average daily temperature, in degrees Celsius, for one week. The temperatures are:

$$8, 12, 5, 5, 7, 15, 4$$

(a) Determine the mode and the mean for the temperatures. The mode is the value that occurs most often in a data set. The mean is calculated by adding all the values in the data set and dividing by the number of values in the set.

(b) After recording the temperatures for two more days, Aiyana noticed that the mean of all nine temperatures was unchanged, but the mode was now a different single value. What was the temperature on each of the next two days?



Themes: Data Management, Number Sense