Finding the Mean

The mean, $\bar{x}$, describes the data as if they were distributed equally.

To find the mean you need to know two pieces of information. The **TOTAL** and the **NUMBER** of pieces of data.

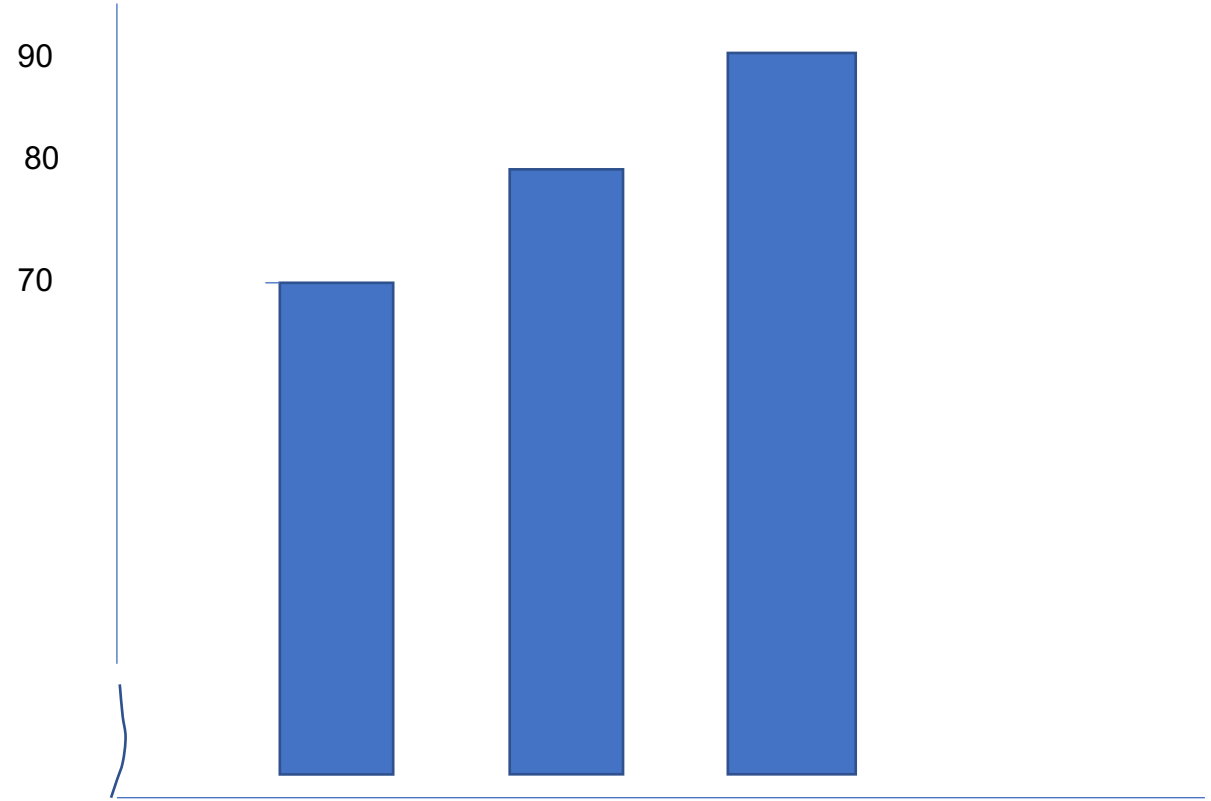
Algorithm

1. Add the data points
2. Divide that sum by the number of data points

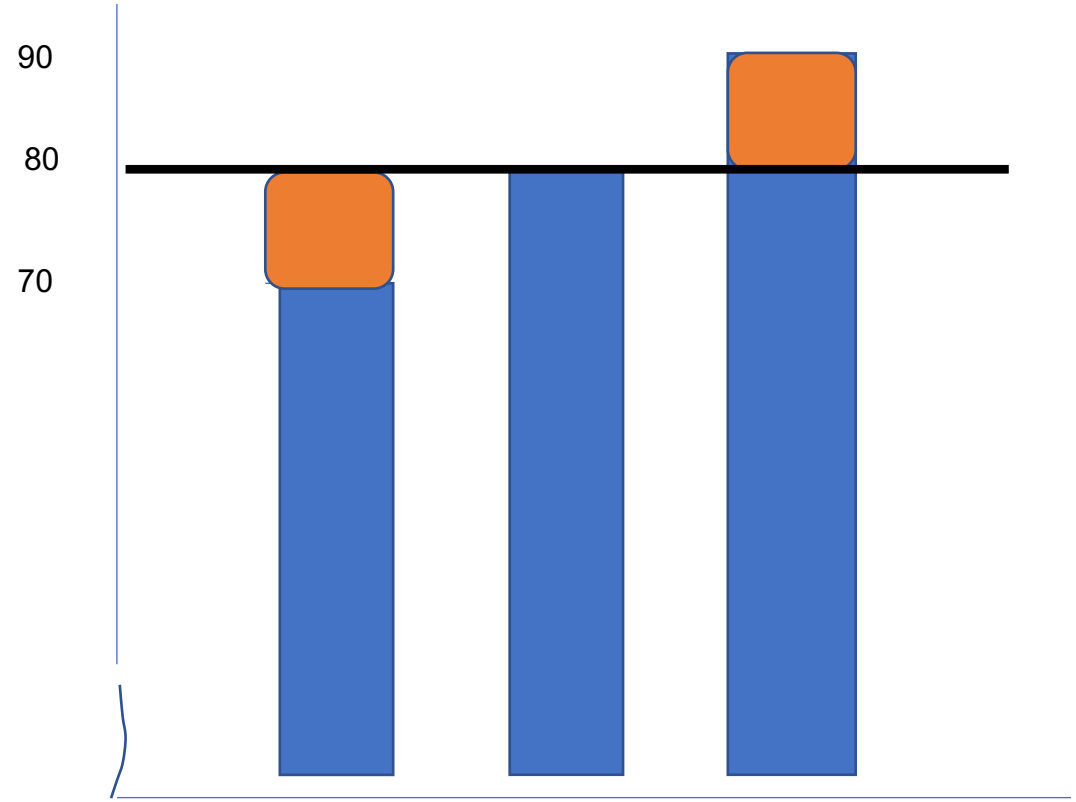
Mathematically, we write

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{n} x_i$$

Visually, Find the mean of 70, 80, and 90



Visually, **Find the mean of 70, 80, and 90 - FENCE**



Example 1 Find the mean of the following data: 78, 74, 81, 83, and 82.