**Measurement Data**

The mean of a data set is the *arithmetic average* of the data. To find the mean, add the values of the data set and divide the sum by the number of values.

The line plot below shows how far Ryan hiked on 10 occasions.

1. Write an equation to find the total distance Ryan hiked.

2. What is the mean distance that Ryan hiked?

3. If the three shortest hikes are left out, what is the average of the remaining distances?

4. Why is the mean a higher value when the three shortest hikes are omitted?