

List 1

6

7

8

9

10

List 2

4

6

8

10

12

standard deviation of sample data

1.58113883

3.16227766

variance of sample data

2.5

10

has the lowest spread from the mean the highest spread from the mean

maximum:

10

12

minimum:

6

4

List 3

5

7

12

8

9

5

7

5

12

5

7

8

2.50454133

6.272727273

the spread in data is greater than List 1 but less than List 2

12

5