

Practice

Integration: Statistics
Measures of Variation

Find the range, median, upper quartile, lower quartile, and interquartile range for each set of data.

1. 13, 15, 25, 22, 18, 19

2. 2, 7, 3, 6, 10, 8, 9

3. 8, 9, 10, 6, 15, 6, 10, 5

4. 107, 57, 47, 40, 34, 20, 25, 37, 46,
57, 69

5. 200, 250, 230, 180, 160, 140

6. 2.1, 3.2, 4.6, 7.1, 2.9

7.

Stem	Leaf
2	0 1
3	2 4 6
4	3 3 8 9
5	2 2 4
6	3 6

 $4|3 = 43$

8.

Stem	Leaf
1	0 0 1
2	4 6
3	2 3 3
4	7 8 9
5	1 2 2 3

 $2|6 = 26$

9.

Stem	Leaf
7	0 2 5
8	0 0
9	3 5 9
10	1 1 4 6
11	6 7 7 8

 $10|1 = 101$

10.

Stem	Leaf
8	1 9
9	2 3 6
10	1 9
11	2 4 8 9
12	3 7

 $10|1 = 101$