**Stem and Leaf Plot**

Can be used to represent one or two distributions.

The center column is the STEM; it indicates the first digit(s) of the data values

Each line has the LEAVES; the last digit of each data value

*Example:*

Heartbeats of 30 individuals

70 73 73 76 78 81 82 85 85 87 88 88 89

90 92 92 96 97 99 101 101 101 104 106 106 107

112 114 115 118

Cardiac rates (beats/min)

|  |  |
| --- | --- |
| 7 | 0 3 3 6 8 |
| 8 | 1 2 5 5 7 8 8 9 |
| 9 | 0 2 2 6 7 9 |
| 10 | 1 1 1 4 6 6 7 |
| 11 | 2 4 5 8 |

Stem

Leaf

Or you can see TWO distributions on one table:

Lengths of male and female salmon (in millimetres)

|  |  |  |
| --- | --- | --- |
| Males |  | Females |
| 95 90 80 54 48 15 | 1 | 05 12 36 47 52 80 81 |
| 73 73 59 58 32 32 25 18 | 2 | 58 59 71 71 76 |
| 90 85 69 43 42 15 11 06 | 3 | 32 41 62 63 69 70 99 |
| 73 62 50 46 45 44 35 | 4 | 07 19 89 |
| 70 76 66 55 38 | 5 | 00 25 31 |