

Master Maths 8 Worksheet 67

Stemplots

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Name: _____

1. Construct an ordered stemplot from the non-ordered stemplot below.

Non-ordered stemplot

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

Ordered stemplot

Stem	Leaf

2. Construct a non-ordered and ordered stemplot for the following data.

14, 17, 23, 11, 19, 34, 55, 30, 27, 48, 37, 33,
19, 26, 29, 48, 52, 41, 20, 38, 45, 36, 42, 50

Non-ordered stemplot

Stem	Leaf

Ordered stemplot

Stem	Leaf

3. For the data in question 2 find:

(a) the lowest value

--

(b) the highest value

--

(c) the median

--

4. Construct a non-ordered and ordered stemplot for the following data.

27, 32, 44, 57, 52, 30, 25, 60, 41, 23, 48, 44,
59, 56, 43, 45, 36, 37, 61, 31, 62, 31, 35, 52

Non-ordered stemplot

Stem	Leaf

Ordered stemplot

Stem	Leaf

For this data find:

(a) the lowest value

--

(b) the highest value

--

(c) the median

--

(d) the range

--

(e) the number of items of data

--

(f) the mean (1 dec. place)

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