

STEM-AND-LEAF PLOTS

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4TH Grade

EQ. What is the purpose of stem-and-leaf?

- Answer: It is another way to show data or numbers.
- Example: Here is a list of numbers.
7, 23, 23, 19, 18, 44, 47, 38, 56, 70, 74, 65



Step 1

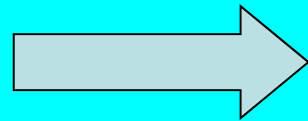
- Find the smallest and largest number.

Smallest 7

Largest 74

Step 2

Stem



0

1

2

3

4

5

6

7

The numbers on this side are in the tens place.

Step 3

Stem



0	7
1	89
2	33
3	8
4	47
5	6
6	5
7	04



Leaf

The numbers on
this side
represents
numbers in the
ones place.

Step 4

You can put the numbers in order from least to greatest.

7, 18, 19, 23, 23, 38, 44, 47, 56, 65, 70, 74

With stem-and-leaf you will be able to find the following information:

1)Median 2)Mode 3)Range

Practice

(Draw a stem-and-leaf for the following groups of numbers.)

(1) 55, 44, 38, 56, 12, 12, 8, 23, 24

(2) 68, 14, 67, 20, 60, 23, 50, 61, 40, 60, 69