

Favorite #'s

~~28, 31, 12, 16, 3, 23, 9, 24, 11, 14, 15, 7~~

• Order from least to greatest

3, 7, 9, 11, 12, 14, 15, 16, 23, 24, 28, 31

• make a t-chart

leaves	stem	leaves
7, 7, 5, 3, 2, 2	0	3, 7, 9
8, 7, 4, 0	1	1, 2, 4, 5, 6
9, 7, 2, 1	2	3, 4, 8
0	3	1

• Key: $1|3 = 13$

Favorite #'s

~~2, 2, 17, 21, 29, 7, 18, 30, 5, 14, 27, 1, 3, 10, 22~~

• Order from least to greatest

2, 2, 3, 5, 7, 7, 10, 14, 17, 18, 21, 22, 27, 29, 30

MODE: 2 and 7

221

stem	leaf
22	1

Key: $22|1 = 221$

3.1

stem	leaf
3	1

Key: $3|1 = 3.1$

Stem & Leaf Plots

9-14-17

I can represent and analyze data using Stem & leaf plots.

What is a stem-and-leaf plot?
 -A graph that represents data using a table.

What does the stem represent? The <u>tens</u> place value	<table style="margin: auto;"> <tr> <th style="border-right: 1px solid black; padding: 5px;">Stem</th> <th style="padding: 5px;">Leaves</th> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">7</td> <td style="padding: 5px;">8 9 9</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">8</td> <td style="padding: 5px;">0 3 5 7</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">9</td> <td style="padding: 5px;">0 1</td> </tr> </table>	Stem	Leaves	7	8 9 9	8	0 3 5 7	9	0 1	What do the leaves represent? The <u>ones</u> place value (Last #)
Stem	Leaves									
7	8 9 9									
8	0 3 5 7									
9	0 1									
Key: 8 3 = 83										

The Key shows how to read the values of stem-and-leaf plots.

The stem-and-leaf plot below shows the amount of money Rebecca made each day selling spirit cups for a fundraiser. She is going to sell cups for one more day. How much will she need to make to have an average of \$125 per day in sales?

Stem	Leaves	Answer
10	8	Key: 12 5 = 125
11	5	
12	5 8	
13	1 6	

Lesson summary

- To make a stem & leaf plot:
1. Order the data from least to greatest.
 2. Make a t-chart. Stems on left, Leaves on right
 3. Make a key