



Teaching and Learning of the Nemeth Braille Code

- Stem and Leaf Plots



Definition

- A stem-and-leaf plot is a method of showing data distribution.
- Made up of columns and rows which usually include a heading.
- May be shown as numbers or letters.
- A key is almost always provided and **must** be brailled beginning in cell 1 preceding the stem-and-leaf plot.



Organization

- Resembles a horizontal bar graph so shape must be retained.
- A vertical line separates the column headings and extends to the end of the plot.
- One blank cell precedes and follows the vertical line
- The data on the left is right justified.
- The data on the right is left justified.
- Avoid running over lines if possible.



Key

- If provided in print, it must precede the stem-and-leaf plot, even though it may appear in a different location in print.
- The portion of the key that replicates an entry in the plot is brailled without the numeric indicator or English letter indicator and including vertical lines as it would appear within the plot.
- The value assigned to the key is brailled using the numeric indicator or English letter indicator as required by the Nemeth code.
- Formatted in cell 1 with any runover in cell 3.
- If there are 2 keys, the left column key is brailled first.



Data Represented by Numbers

- Omit the numeric indicator.
- Braille single digit entries unspaced.
- Entries consisting of groups of 2 or more digits require one blank cell between entries.
- Omit a comma or other punctuation



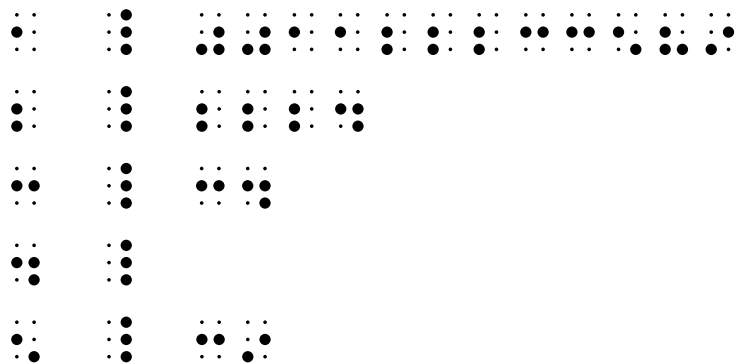
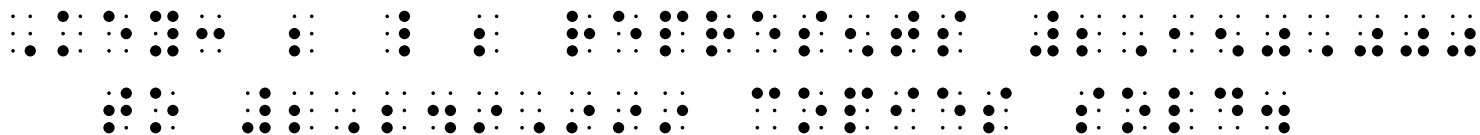
Data Represented By Letters

- Single cap each capital letter.
- Omit the English letter indicator.
- Single letters are brailled unspaced.
- Entries consisting of groups of 2 or more letters require one blank cell between entries.
- Omit a comma or other punctuation.

Another Basic Example

1	0 0 1 1 2 2 2 3 3 5 8 9
2	2 2 2 4
3	3 4
4	
5	3 9

Key: 2|2 represents 2,150,000 to 2,249,999 copies sold





Basic Example with Letters

95	M	
96		
97	M	
98	M	
99	M M A M	

A represents
temperature of
a bird, M
represents
temperature of
a mammal.



Back-to-Back Example

Mr. Abel's Test Scores

Second Grade Classes			Fifth Grade Classes	
0 5 represents a score of 50	4220	5	2469	5 2 represents a score of 52
	453150	6	24790	
	987776655521	7	111223334556667899900	
	999998888776655444332110	8	122244455789	
	98877753320	9	223577780	
		10	00	

