

## Frequency Tables & Line Plots (2-4)

<i>frequency table</i>	Decode fre·quen·cy ta·ble														
Definition tracks the # of times an event occurs	Example <table border="1"> <thead> <tr> <th>fav. colors</th> <th># of students</th> </tr> </thead> <tbody> <tr> <td>red</td> <td>11</td> </tr> <tr> <td>orange</td> <td></td> </tr> <tr> <td>yellow</td> <td>1</td> </tr> <tr> <td>green</td> <td>11</td> </tr> <tr> <td>blue</td> <td>1</td> </tr> <tr> <td>purple</td> <td></td> </tr> </tbody> </table>	fav. colors	# of students	red	11	orange		yellow	1	green	11	blue	1	purple	
fav. colors	# of students														
red	11														
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blue	1														
purple															

<i>line plot</i>	Decode line plot
Definition a representation of frequency (how often something occurs)	Example <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">       Key        X = 1 Student     </div>

**Example 1:** Make a frequency table.

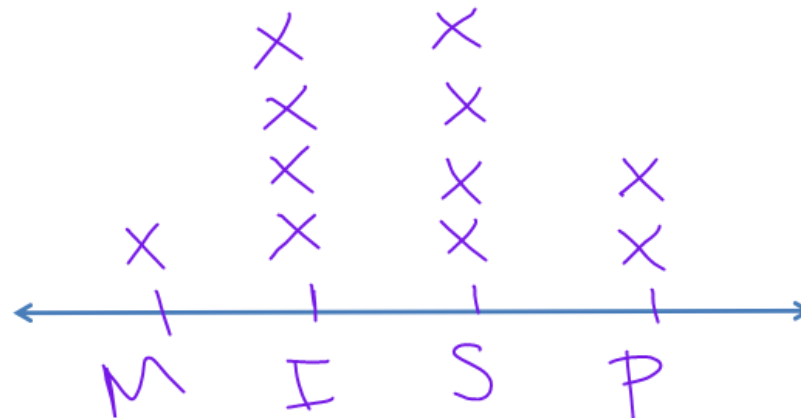
Students were asked what month their birthday was in. Make a frequency table of the results:

~~March, January, March, April, March, February, February, April,~~  
~~May, April, April, March, May, March~~

Birth month	Tallies	Frequency
January	I	1
February	II	2
March	IIII	5
April	IIII	4
May	II	2

**Example 2:** Use the frequency table to make a line plot. The frequency table was created using the letters in the word "Mississippi."

Letter	Tally	Frequency
M		1
I		4
S		4
P		2



Key  
X = 1 letter