

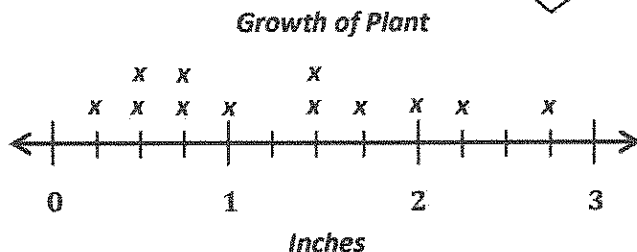
### G4-M5-Lesson 40

Noura recorded the growth of her plant during the year.

The measurements are listed in the table.

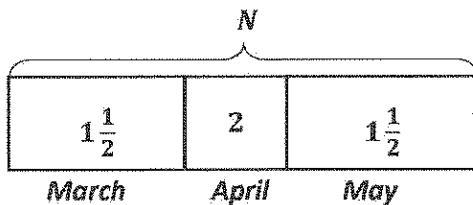
- Use the data to create a line plot.

I remember making a line plot in Lesson 28.



Month	Growth of Plant (in inches)
January	$\frac{1}{2}$
February	$\frac{3}{4}$
March	$1\frac{1}{2}$
April	2
May	$1\frac{1}{2}$
June	$1\frac{3}{4}$
July	$2\frac{3}{4}$
August	$2\frac{1}{4}$
September	1
October	$\frac{3}{4}$
November	$\frac{1}{2}$
December	$\frac{1}{4}$

- How many inches did Noura's plant grow in the spring months of March, April, and May?



I add the whole numbers first!

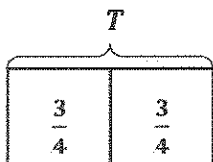
$$N = 1\frac{1}{2} + 1 + 1\frac{1}{2}$$

$$N = 3 + \frac{2}{2}$$

$$N = 4$$

*Noura's plant grew a total of 4 inches during the spring months.*

- In which months did her plant grow twice as many inches as it did in October?



I use multiplication to solve!

$$T = 2 \times \frac{3}{4}$$

$$T = \frac{6}{4}$$

$$T = 1\frac{1}{2}$$

I can use a number bond or number line to help rename a fraction to a mixed number, if needed.

*Noura's plant grew twice as many inches in the months of May and March as it did in October.*