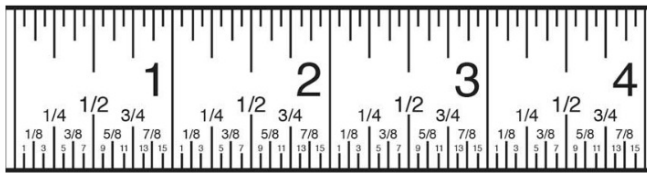


Creating line plots from **fractional measurements**

Connect



I do

At field day, a class of kindergarteners participates in the standing broad jump, and measures their jumps in meters. Create a line plot of their jumps.



Sample	1	2	3	4	5	6	7	8	9	10	11	12
Length (in)	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{6}{8}$	$\frac{5}{8}$	$\frac{8}{8}$	$\frac{2}{8}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{4}{8}$	$\frac{8}{8}$

Sample	13	14	15	16	17	18	19	20	21	22	23	24	25
Length (in)	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{4}{8}$	$\frac{8}{8}$	$\frac{2}{8}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{8}{8}$	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{6}{8}$

We do

A group of friends noticed that they had very different styles of handwriting. They decided to measure how tall they made their "tall" letters, and their measurements are below.

$\frac{1}{8}$ in	$\frac{1}{2}$ in	$\frac{3}{8}$ in	$\frac{1}{4}$ in	$\frac{3}{4}$ in	$\frac{1}{4}$ in	$\frac{1}{2}$ in	$\frac{1}{4}$ in	1 in	$\frac{3}{4}$ in
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Make a line plot of this data.

**You do together
on whiteboard**

In 5th and 6th grade, Dr D was the shortest kid in his class! But in 7th grade, he grew A LOT. The chart below shows how much he grew each month (in inches). Make a line plot of the data.

month	inches grown
Aug	1/8
Sep	1/4
Oct	1/2
Nov	3/8
Dec	5/8
Jan	1/4
Feb	3/4
Mar	7/8
Apr	5/8
May	6/8

**You do alone on
index card**

The data below show the fraction of their weekly spelling words 12 students wrote correctly. Create a line plot of their data.

$\frac{4}{6}$	$\frac{6}{6}$	$\frac{2}{6}$	$\frac{5}{6}$	$\frac{4}{6}$	$\frac{3}{6}$	$\frac{5}{6}$	$\frac{2}{6}$	$\frac{5}{6}$	$\frac{6}{6}$	$\frac{6}{6}$	$\frac{4}{6}$
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