



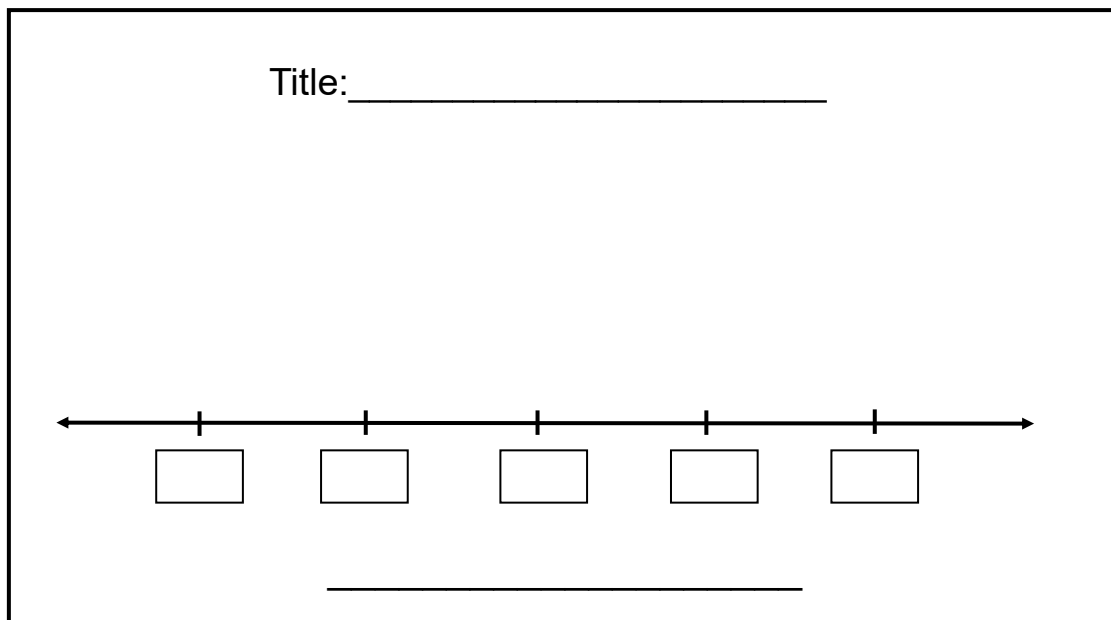
Weight line plot with fractions

Data and Graphing Worksheet

The data shows the weight of the potting soil brought by each student. Draw a line plot and answer the questions below.



1 1/2 kg	1 kg	3/4 kg	2 kg	2 1/2 kg
3/4 kg	1 1/2 kg	2 kg	2 kg	3/4 kg
1 1/2 kg	2 kg	3/4 kg	2 kg	1 kg



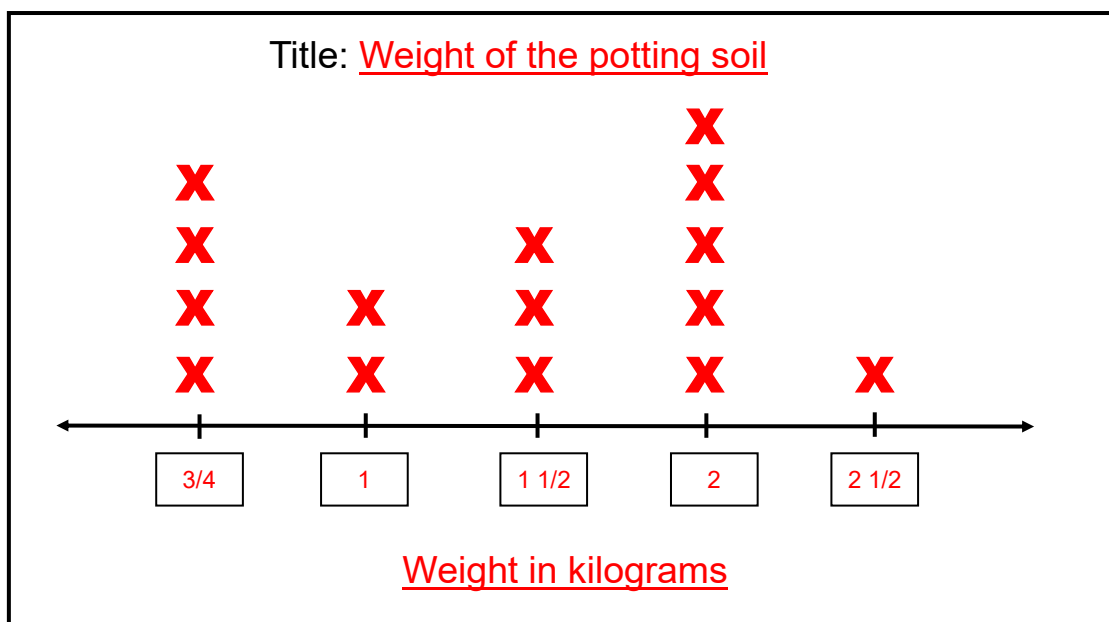
- How many students brought $\frac{3}{4}$ kg of soil? _____
- How many students brought less than $1 \frac{1}{2}$ kg? _____
- How many students brought 1 kg or more? _____
- How many fewer students brought 1 kg than 2 kg? _____
- How many students brought more than $1 \frac{1}{2}$ kg but less than $2 \frac{1}{2}$ kg? _____
- How much soil was brought by all the students together? _____



Answers



1 1/2 kg	1 kg	3/4 kg	2 kg	2 1/2 kg
3/4 kg	1 1/2 kg	2 kg	2 kg	3/4 kg
1 1/2 kg	2 kg	3/4 kg	2 kg	1 kg



- How many students brought 3/4 kg of soil? 4
- How many students brought less than 1 1/2 kg? 6
- How many students brought 1 kg or more? 11
- How many fewer students brought 1 kg than 2 kg? 3
- How many students brought more than 1 1/2 kg but less than 2 1/2 kg? 5
- How much soil was brought by all the students 22 kg