

Display Measurement Data on a Line Plot

Which of the following could be used to find the amount each person would receive if the total amount were divided equally?

A Customary system

B Length

C Fair share

D Weight

Given the set of data find the fair share. (Write the answer in simplest form).

$\frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{4}, \frac{1}{2}, \frac{1}{2}$

The fair share is .

A

$\div 2$

B

$\div \frac{1}{4}$

C

$\div \frac{1}{3}$

D

$\div \frac{1}{6}$

Use the following line plot, to find the fair share of the data.



(Write the fair share in simplest form)

A $\frac{1}{6}$

B $\frac{1}{8}$

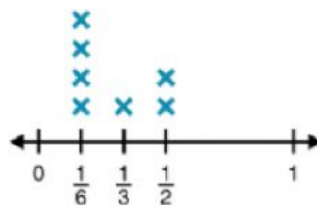
C $\frac{1}{3}$

D $\frac{1}{2}$

LIVEWORKSHEETS

Using the line plot, how often does the fraction $\frac{1}{3}$ appear?

Line plot



A 3

B 1

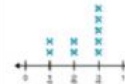
C 4

D 2

Make a line plot using the data in the table.
Which of the given line-plots, represents the data?

| | | |
|---------------|---------------|---------------|
| $\frac{3}{4}$ | $\frac{1}{4}$ | $\frac{2}{4}$ |
| $\frac{3}{4}$ | $\frac{2}{4}$ | $\frac{2}{4}$ |
| $\frac{3}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |

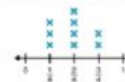
A



B



C



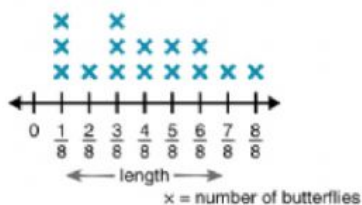
D



LIVEWORKSHEETS

Latifa measured some butterflies.
Use the line plot to find the total number of butterflies measured by Latifa.

Select 1 choice(s)



- A** 15
- B** 12
- C** 13
- D** 11

A group of children measured the lengths of their shoes. The measurements are shown in the table. What is the fair size of the shoes?

| Students | Length of Shoe (in inches) |
|----------|----------------------------|
| S1 | $\frac{1}{2}$ |
| S2 | $\frac{3}{4}$ |
| S3 | $\frac{1}{2}$ |
| S4 | $\frac{3}{4}$ |
| S5 | $\frac{1}{2}$ |

Select 1 choice(s)

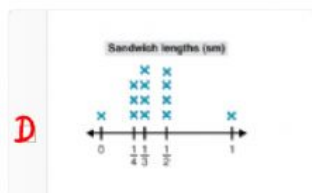
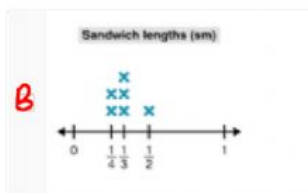
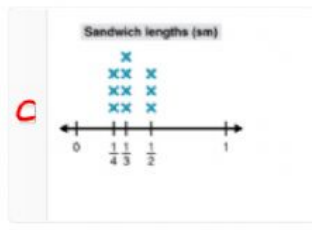
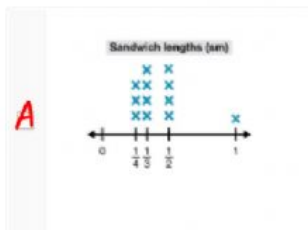
- A** 3
- C** $\frac{1}{5}$
- B** $\frac{1}{3}$
- D** $\frac{3}{5}$

LIVEWORKSHEETS

Choose the appropriate line plot for the given data.

| Sandwich lengths (20 cm) | | | | | |
|--------------------------|---------------|---------------|---------------|---------------|--|
| $\frac{1}{3}$ | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{2}$ | $\frac{1}{3}$ | |
| $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{1}{4}$ | |

Select 1 choice(s)



A class teacher measured the increase in heights, of some students. Use the table to answer the following:

Height increases (in cm)

| | |
|-------|---------------|
| Nabil | $\frac{1}{2}$ |
| Kamal | $\frac{3}{4}$ |
| Omari | $\frac{3}{4}$ |
| Rami | $\frac{3}{4}$ |
| Majid | $\frac{1}{2}$ |

How many students increased by $\frac{1}{2}$ cm?

- A** 3
- B** 5
- C** 1
- D** 2

LIVEWORKSHEETS

Count the number of X marks in the line plot of the given Yarn Lengths.

| Yarn Lengths (m) | | | | |
|------------------|---------------|---------------|---------------|---------------|
| $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{4}$ |
| $\frac{1}{4}$ | $\frac{3}{4}$ | $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{3}{4}$ |

A 2

B 10

C 3

D 5