

# Fabric line plot with fractions

## Data and Graphing Worksheet

Olivia is a dress maker. She cut the fabric into different sizes. Draw a line plot and answer the questions below.

Title: \_\_\_\_\_

←—————→

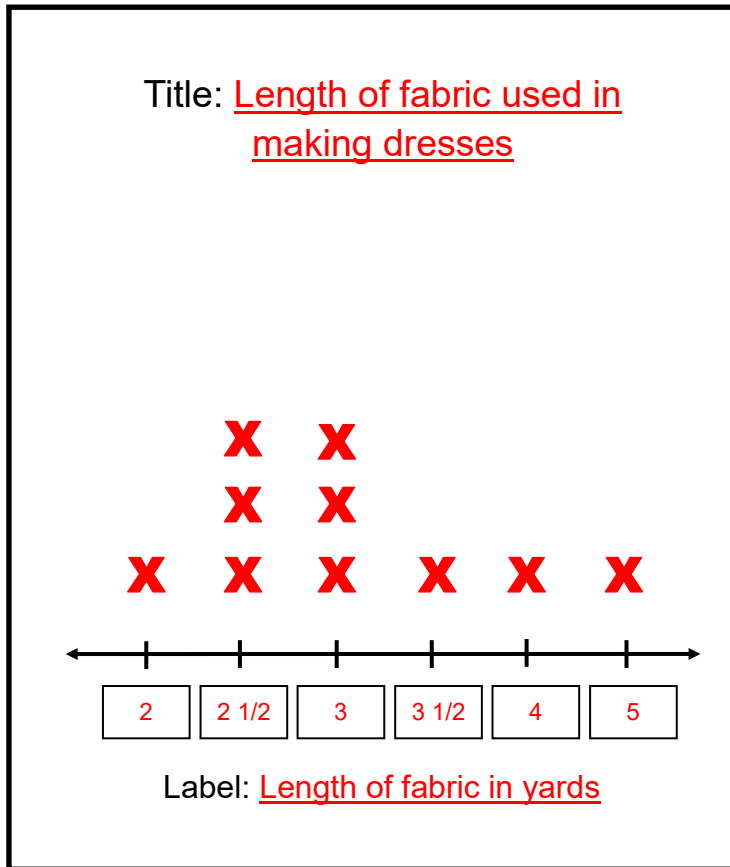
Label: \_\_\_\_\_

| Length of fabric |
|------------------|
| 3 1/2 yards      |
| 3 yards          |
| 5 yards          |
| 2 1/2 yards      |
| 3 yards          |
| 3 yards          |
| 4 yards          |
| 2 1/2 yards      |
| 2 1/2 yards      |
| 2 yards          |



1. How many dresses did she make? \_\_\_\_\_
2. How many dresses used more than 3 yards? \_\_\_\_\_
3. How many more dresses used 3 than 4 yards? \_\_\_\_\_
4. How many dresses used 3 yards or less? \_\_\_\_\_
5. How many yards did she use in all? \_\_\_\_\_
6. If the fabric was cut equally, how many yards of fabric would it be for each dress? \_\_\_\_\_

## Answers



| Length of fabric |
|------------------|
| 3 1/2 yards      |
| 3 yards          |
| 5 yards          |
| 2 1/2 yards      |
| 3 yards          |
| 3 yards          |
| 4 yards          |
| 2 1/2 yards      |
| 2 1/2 yards      |
| 2 yards          |



How many dresses did she make?

**10 dresses**

How many dresses used more than 3 yards?

**3 dresses**

How many more dresses used 3 than 4 yards?

**1 dress**

How many dresses used 3 yards or less?

**7 dresses**

How many yards did she use in all?

**30 yards**

If the fabric was cut equally, how many yards of fabric would it be for each dress?

**3 yards**