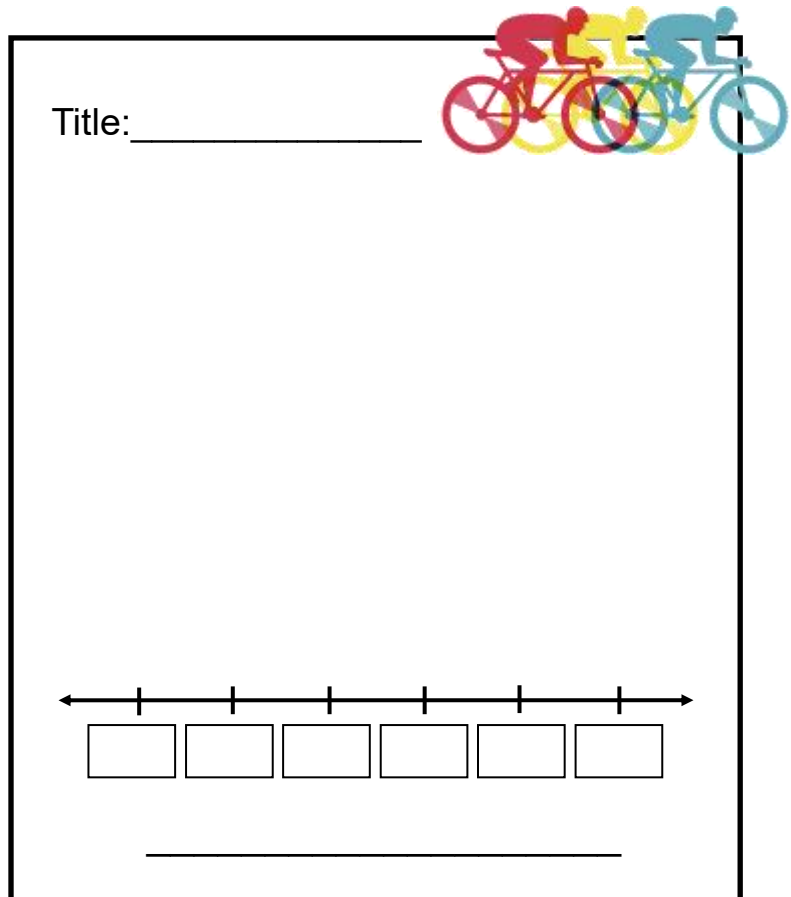


# Biking line plot with fractions

## Data and Graphing Worksheet

A group of cyclists recorded the distance they have traveled. Draw a line plot and answer the questions below.

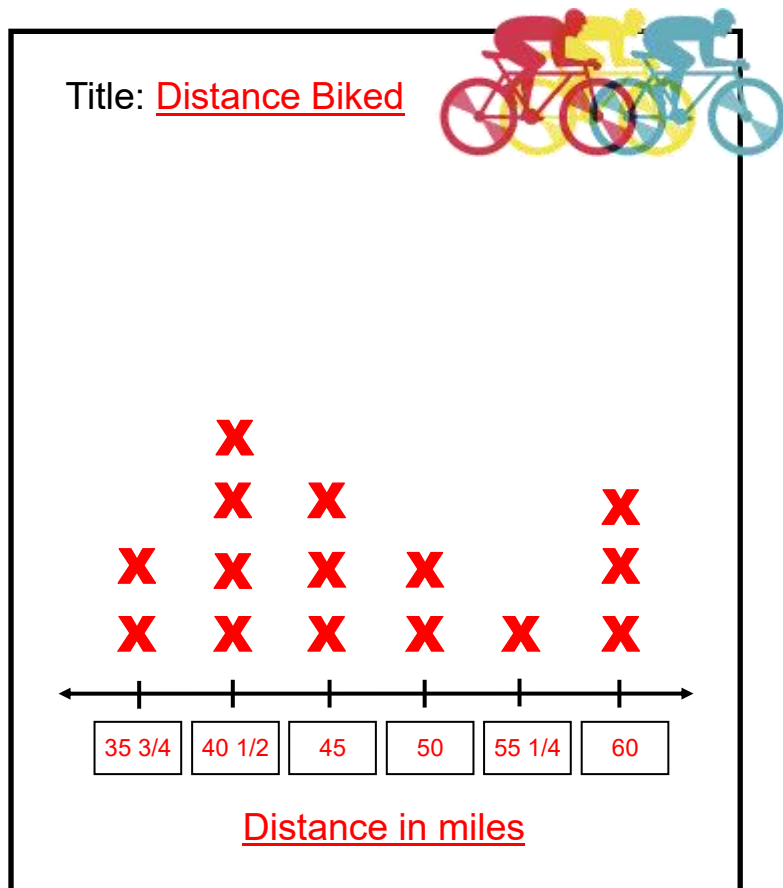
Name	Distance in miles
Gina	40 $\frac{1}{2}$
Rey	50
Faye	35 $\frac{3}{4}$
Mark	60
John	45
James	55 $\frac{1}{4}$
Albert	60
William	45
Nathan	40 $\frac{1}{2}$
Kate	50
Mary	45
Risa	40 $\frac{1}{2}$
Paul	60
Abi	40 $\frac{1}{2}$
Joan	35 $\frac{3}{4}$



- How many cyclists were there? \_\_\_\_\_
- What was the longest distance traveled? \_\_\_\_\_
- How many cyclists traveled less than 50 miles? \_\_\_\_\_
- What was the most common distance traveled by the cyclists? \_\_\_\_\_
- How many more cyclists traveled 45 miles than 55  $\frac{1}{4}$  miles? \_\_\_\_\_
- How many cyclists traveled more than 45 miles? \_\_\_\_\_

## Answers

Name	Distance in miles
Gina	40 1/2
Rey	50
Faye	35 3/4
Mark	60
John	45
James	55 1/4
Albert	60
William	45
Nathan	40 1/2
Kate	50
Mary	45
Risa	40 1/2
Paul	60
Abi	40 1/2
Joan	35 3/4



- How many cyclists were there? **15**
- What was the longest distance traveled? **60 miles**
- How many cyclists traveled less than 50 miles? **9**
- What was the most common distance traveled by the cyclists? **40 1/2 miles**
- How many more cyclists traveled 45 miles than 55 1/4 miles? **2**
- How many cyclists traveled more than 45 miles? **6**