

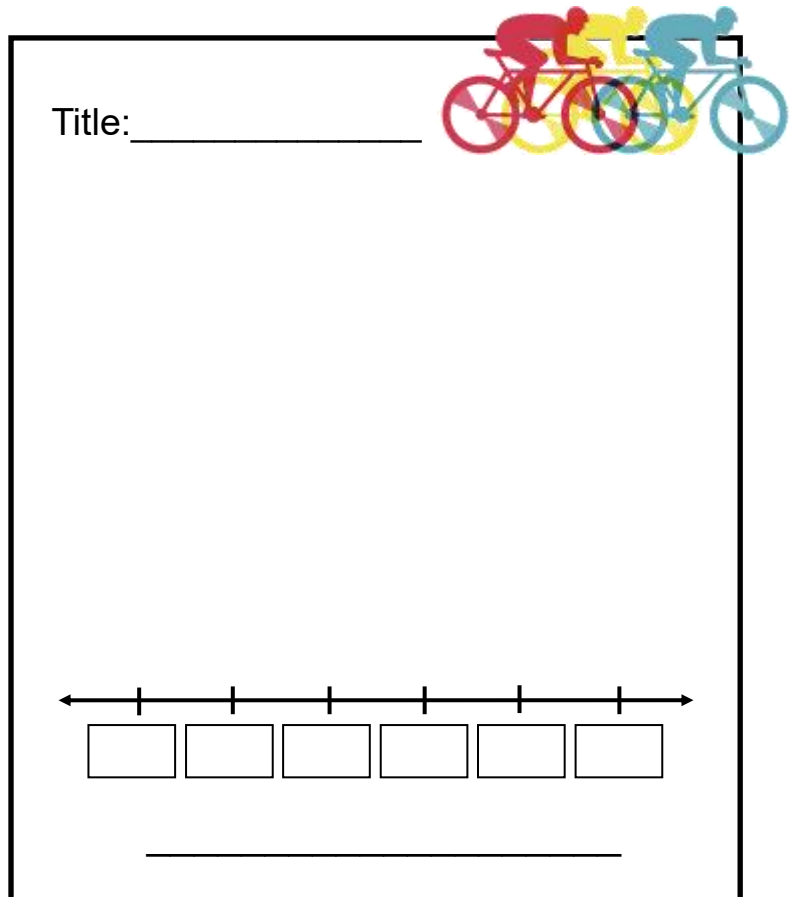


Biking line plot with fractions

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 $\frac{3}{4}$

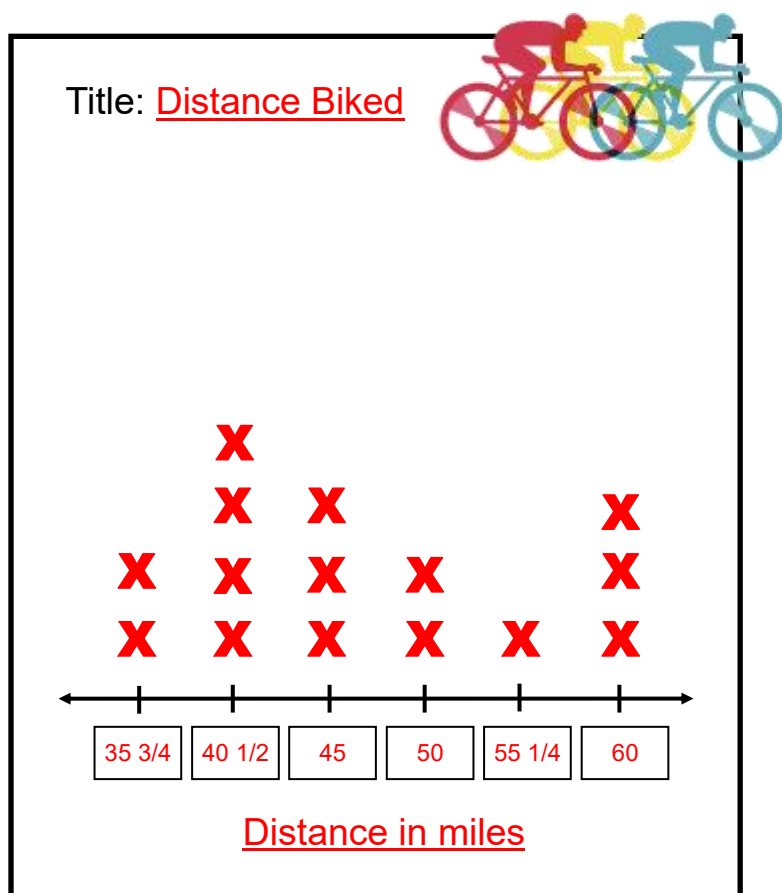


- How many cyclists were there? _____
- What was the longest distance traveled? _____
- How many cyclists traveled less than 50 miles? _____
- What was the most common distance traveled by the cyclists? _____
- How many more cyclists traveled 45 miles than 55 $\frac{1}{4}$ miles? _____
- How many cyclists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