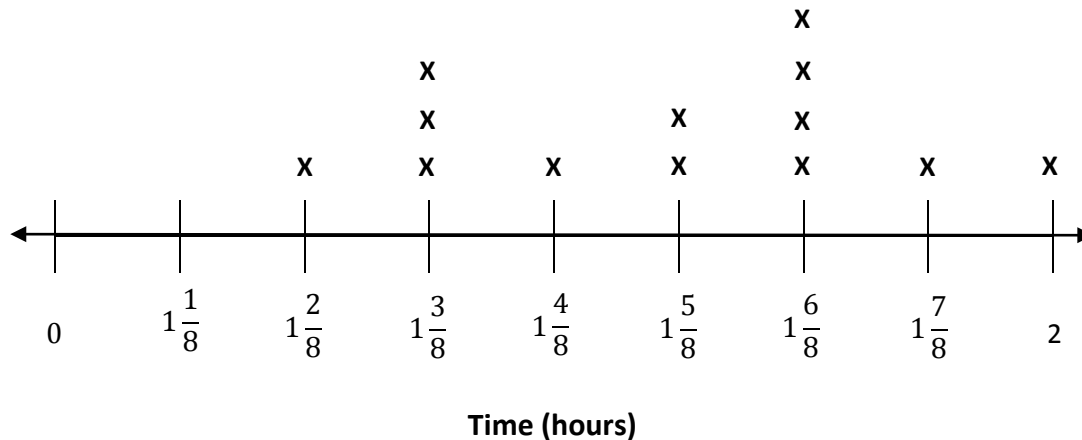


Name: _____ Date: _____

Answer the questions by using the line plot.

Floyd recorded the amount of time (in hours) he spent surfing the internet over a number of days. The line plot shows this data.

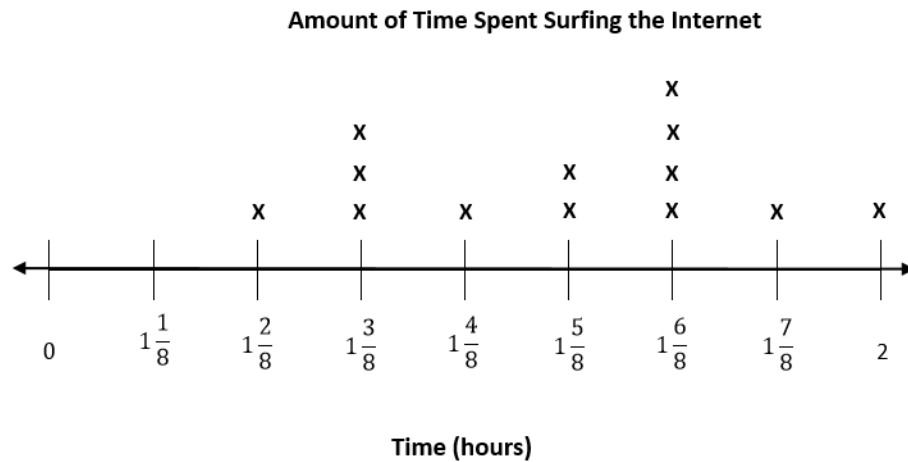
Amount of Time Spent Surfing the Internet



1. How much time did Floyd spend surfing the internet over the entire period?
2. How much time did Floyd spend surfing the internet for at least $1\frac{1}{2}$ hours over this time?
3. How many times longer did Floyd spend surfing the internet for the longest time compared to the shortest time he spent surfing the internet?
4. How much time did Floyd spend surfing the internet on a typical day, if the time was spread out equally?
5. How much time did Floyd spend surfing the internet for no more than $1\frac{1}{4}$ hours?

Name: _____ Date: _____

Floyd recorded the amount of time (in hours) he spent surfing the internet over a number of days. The line plot shows this data.



1. How much time did Floyd spend surfing the internet over the entire period?

$$1\frac{2}{8} + (1\frac{3}{8} \times 3) + 1\frac{4}{8} + (1\frac{5}{8} \times 2) + (1\frac{6}{8} \times 4) + 1\frac{7}{8}$$
$$1\frac{2}{8} + 1\frac{9}{8} + 1\frac{4}{8} + 1\frac{10}{8} + 1\frac{24}{8} + 1\frac{7}{8} = 6\frac{56}{8} = 13 \text{ hours}$$

2. How much time did Floyd spend surfing the internet for at least $1\frac{1}{2}$ hours over this time?

$$\frac{104}{8} - (1\frac{2}{8} + 1\frac{3}{8} \times 3) = \frac{104}{8} - (2\frac{11}{8}) = \frac{104}{8} - 3\frac{3}{8} = 10\frac{5}{8}$$

3. How many times longer did Floyd spend surfing the internet for the longest time compared to the shortest time he spent surfing the internet?

$$1\frac{7}{8} \div 1\frac{2}{8} = \frac{15}{8} \div \frac{10}{8} = \frac{15}{8} \times \frac{8}{10} = \frac{15}{10} = 1\frac{1}{2} \text{ times longer}$$

4. How much time did Floyd spend surfing the internet on a typical day, if the time was spread out equally?

$$13 \div 13 = 1 \text{ hour per day}$$

5. How much time did Floyd spend surfing the internet for no more than $1\frac{1}{4}$ hours?

$$1\frac{1}{4} \text{ hours}$$