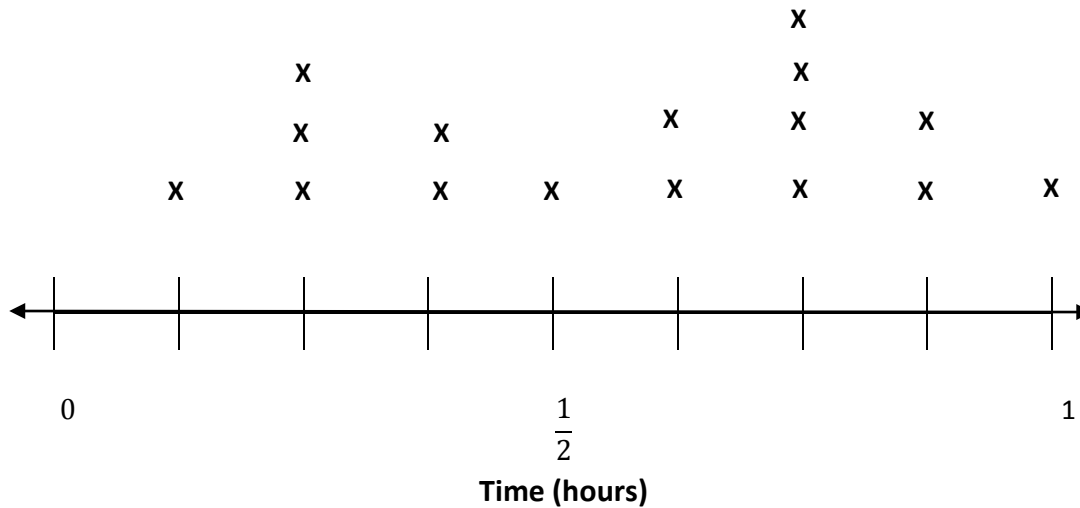


Name: _____ Date: _____

Answer the questions by using the line plot.

Jenny recorded the amount of time (in hours) she spent reading over two weeks. The line plot shows this data.

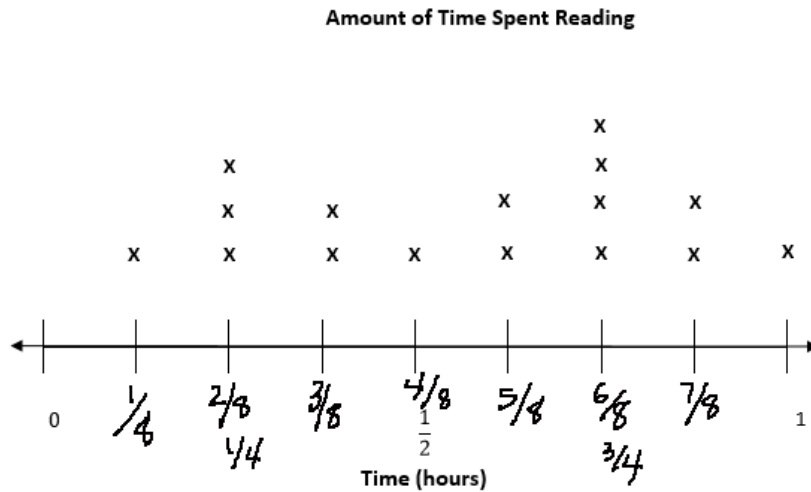
Amount of Time Spent Reading



1. How much time did Jenny spend reading over the two weeks?
2. How much time did Jenny spend reading for at least $\frac{3}{4}$ of an hour?
3. How many times longer did she spend reading for the most amount of time compared to the least amount of time?
4. How much time did Jenny spend reading on a typical day, if her time was redistributed equally?
5. How much time did she spend reading for at least $\frac{1}{4}$ hour?

Name: _____ Date: _____

Jenny recorded the amount of time (in hours) she spent reading over two weeks. The line plot shows this data.



1. How much time did Jenny spend reading over the two weeks?

$$\left(\frac{1}{8} \times 1\right) + \left(\frac{2}{8} \times 3\right) + \left(\frac{3}{8} \times 2\right) + \left(\frac{4}{8} \times 1\right) + \left(\frac{5}{8} \times 2\right) + \left(\frac{6}{8} \times 4\right) + \left(\frac{7}{8} \times 3\right)$$

$$= \frac{1}{8} + \frac{6}{8} + \frac{6}{8} + \frac{4}{8} + \frac{10}{8} + \frac{24}{8} + \frac{21}{8} = \frac{72}{8} = 9 \text{ hours}$$

2. How much time did Jenny spend reading for at least $\frac{3}{4}$ of an hour?

$$\left(\frac{6}{8} \times 4\right) + \left(\frac{7}{8} \times 3\right) = \frac{24}{8} + \frac{21}{8} = \frac{45}{8} = 5\frac{5}{8} \text{ hours}$$

3. How many times longer did she spend reading for the most amount of time compared to the least amount of time?

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

4. How much time did Jenny spend reading on a typical day, if her time was redistributed equally?

$$9 \div 16 = \frac{9}{16} \text{ hour}$$

5. How much time did she spend reading for at least $\frac{1}{8}$ hour?

$$\frac{72}{8} - \frac{1}{8} = \frac{71}{8} = 8\frac{7}{8} \text{ hours}$$