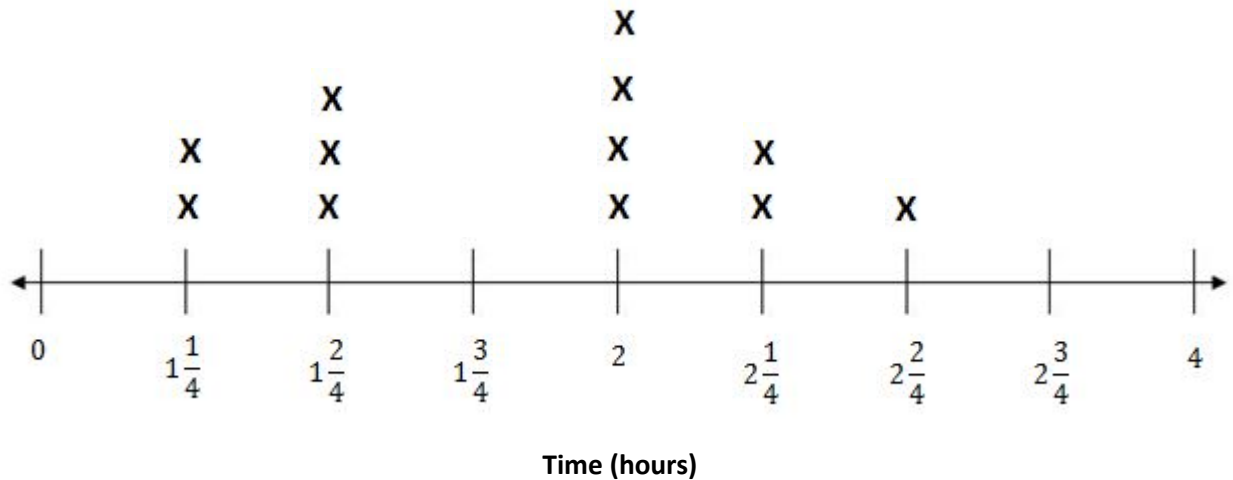


Name: _____ Date: _____

Marvin Rocket is a soccer star in the making. He spends a lot of time practicing each day. The data below shows how much time he spends practicing to the nearest $\frac{1}{4}$ hour over 12 days.

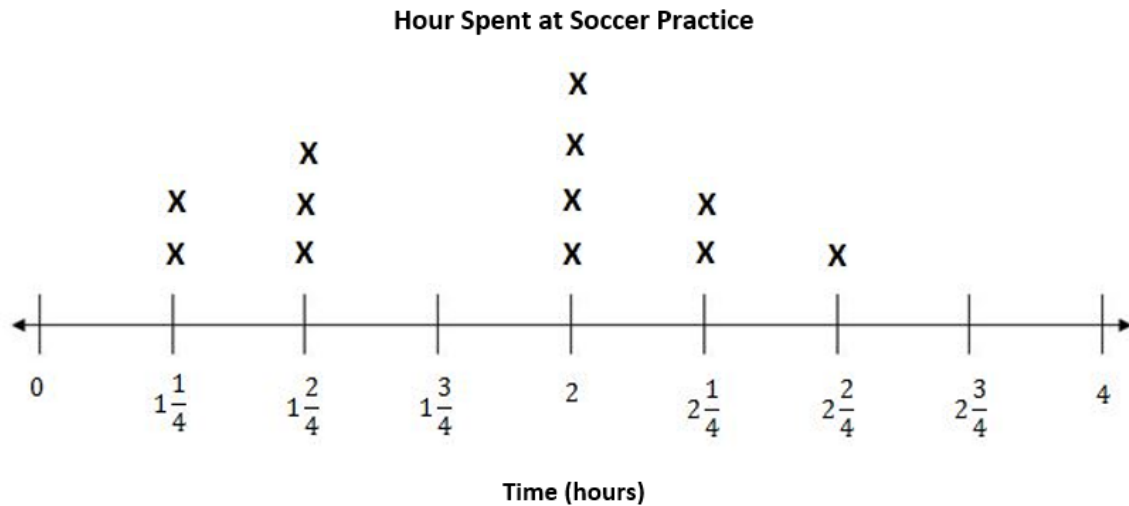
Hour Spent at Soccer Practice



1. How much time did Marvin spend practicing over the 12 days combined?
2. How much time did Marvin spend practicing for at least 2 hours?
3. How much time would Marvin spend practicing each day, if he redistributed his time evenly?
4. How many times larger is the amount of time he spent practicing the most than the time he spent practicing the least?
5. How much time did Marvin spend practicing for $2\frac{1}{4}$ hours?

Name: _____ Date: _____

Marvin Rocket is a soccer star in the making. He spends a lot of time practicing each day. The data below shows how much time he spends practicing to the nearest $\frac{1}{4}$ hour over 12 days.



1. How much time did Marvin spend practicing over the 12 days combined?

$$\begin{aligned} & (1\frac{1}{4} \times 2) + (1\frac{2}{4} \times 3) + (2 \times 2) + (2\frac{1}{4} \times 2) + 2\frac{2}{4} \\ & \frac{10}{4} + \frac{18}{4} + 8 + \frac{18}{4} + \frac{10}{4} = \frac{64}{4} = 16 \text{ hours} \end{aligned}$$

2. How much time did Marvin spend practicing for at least 2 hours?

$$\begin{aligned} & (2 \times 4) + (2\frac{1}{4} \times 2) + 2\frac{2}{4} \\ & 8 + \frac{10}{4} + \frac{10}{4} = \frac{36}{4} = 9 \text{ hours} \end{aligned}$$

3. How much time would Marvin spend practicing each day, if he redistributed his time evenly?

$$16 \div 12 = 1\frac{4}{12} = 1\frac{1}{3} \text{ hours daily.}$$

4. How many times larger is the amount of time he spent practicing the most than the time he spent practicing the least?

$$2\frac{2}{4} \div 1\frac{1}{4} = \frac{10}{4} \div \frac{5}{4} = \frac{10}{4} \times \frac{4}{5} = 2 \text{ times longer}$$

5. How much time did Marvin spend practicing for $2\frac{1}{4}$ hours?

$$2\frac{1}{4} + 2\frac{1}{4} = 4\frac{1}{2} \text{ hours}$$