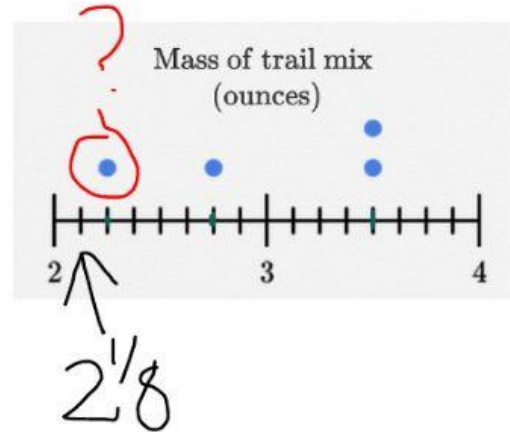


Line Plots Pre-Test Practice

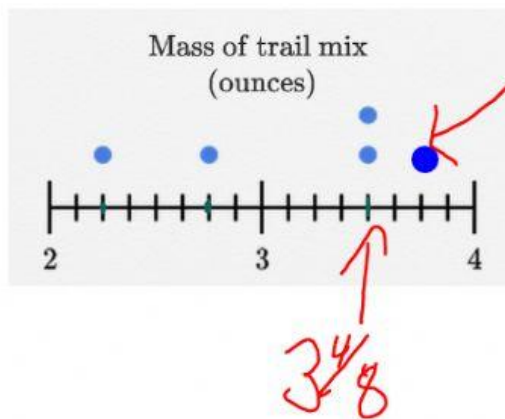
If the part with the arrow on the bottom represents $2\frac{1}{8}$ ounces of trail mix, what amount of trail mix does the first dot on the line plot that is marked with a ? represent?



$$2\frac{2}{4}$$

$$2\frac{2}{8}$$

$$2\frac{2}{7}$$

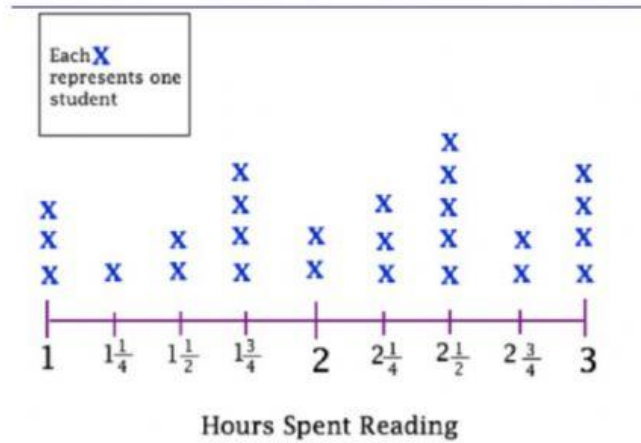


What is the largest piece of data on this Trail Mix line plot?

$$3\frac{2}{8}$$

$$3\frac{4}{8}$$

$$3\frac{6}{8}$$



How many readers read exactly $2\frac{3}{4}$ hours?

3 readers

2 readers

1 reader

How many readers read more than $2\frac{2}{8}$ hours?

3 readers

11 readers

14 readers

How many readers read less than $2\frac{1}{4}$ hours?

3 readers

12 readers

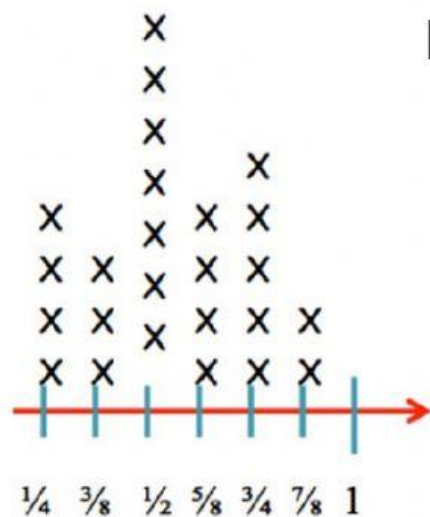
15 readers

How many readers read $1\frac{3}{4}$ hours or less?

4 readers

10 readers

6 readers



Cups of Sugar Per Day

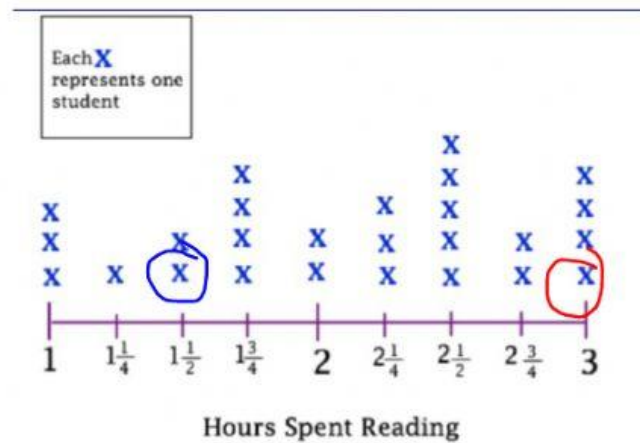
Which problem below allows you to find the **RANGE** of the data?

Hint: rename all fractions on the line plot with 8 as denominator by making equivalent fractions with 8 as the denominator. **Example:** $\frac{3}{4} \times \frac{2}{2} = \frac{6}{8}$

$$\frac{7}{8} - \frac{3}{8} = \frac{4}{8}$$

$$\frac{7}{8} - \frac{1}{4} = \frac{6}{4}$$

$$\frac{7}{8} - \frac{1}{4} = \frac{5}{8}$$



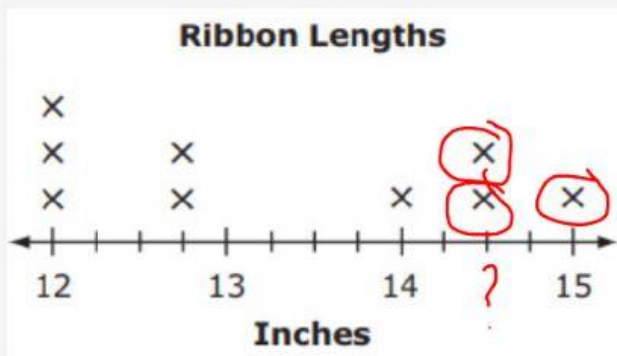
How many more hours did the reader circled in red read than the reader circled in blue?

$$3 - 1 \frac{1}{2} = 2$$

$$3 - 1 \frac{1}{2} = 1 \frac{1}{2}$$

$$3 + 1 \frac{1}{2} = 4 \frac{1}{2} \text{ more}$$

Question: Kelly has nine pieces of ribbon. She recorded the length of each piece in the line plot shown.



What is the total length of the three longest pieces of ribbon?

$$14 \frac{1}{2} + 14 \frac{1}{2} + 14 \frac{1}{2} = 43 \frac{1}{2} \text{ inches}$$

$$14 \frac{1}{2} + 14 \frac{1}{2} + 15 = 44 \text{ inches}$$

$$14 \frac{1}{2} + 15 = 29 \frac{1}{2} \text{ inches}$$