MY Homework

Homework Helper

eHelp

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At the farmers' market, Jeannie sells beans. Her scale weighs them in fractions of pounds. Jeannie made a tally chart showing how much each handful of beans weighed. How much do the beans weigh altogether?

Weight of Green Beans	
$\frac{1}{4}$ pound	ⵌ ‖
$\frac{1}{2}$ pound	ⵌ ‖
$\frac{3}{4}$ pound	‖‖‖
1 pound	‖

1 Make a line plot to represent the data. First, draw a number line. Then place an X above each measurement for each time that weight occurred.

2 How much do the beans weigh altogether? Multiply to find the total weight for each value.

$7 \times \frac{1}{4}$ lb $= \frac{7}{4}$ lb $= 1\frac{3}{4}$ lb

$6 \times \frac{1}{2}$ lb $= \frac{6}{2}$ lb $= 3$ lb

$4 \times \frac{3}{4}$ lb $= \frac{12}{4}$ lb $= 3$ lb

2×1 lb $= 2$ lb

Weight of Green Beans (lb)

Then add the weights to find the total.

$1\frac{3}{4}$ lb $+ 3$ lb $+ 3$ lb $+ 2$ lb $= 9\frac{3}{4}$ lb

So, altogether the beans weigh $9\frac{3}{4}$ pounds.
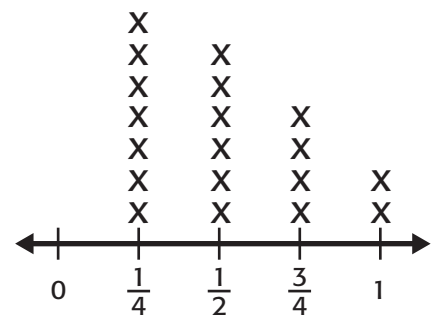
Practice

1. Refer to the Homework Helper. What is the difference between the greatest green bean weight and the least green bean weight?

_____

For Exercises 2 and 3, use the tally chart shown. The tally chart represents the distance some children were able to ride on a unicycle.

Distance	
$\frac{1}{5}$ mi	ⵁ
$\frac{2}{5}$ mi	‖‖
$\frac{3}{5}$ mi	‖
$\frac{4}{5}$ mi	‖
1 mi		

2. Represent this data in a line plot.

3. What is the difference between the greatest distance ridden and the least distance ridden?

_____

Real World Problem Solving

Mathematical
4. PRACTICE ▶3 **Draw a Conclusion** Walter practices piano for $\frac{1}{4}$ hour, $\frac{1}{2}$ hour, or $\frac{3}{4}$ hour every other day. If a line plot shows two Xs above each value of time, what is the total amount of time Walter has spent practicing?

_____

Vocabulary Check

5. Describe one way to use a line plot.

_____

_____

Test Practice

6. Look at the tally chart or line plot from Exercise 2 above. What was the total distance ridden by all of the children?

Ⓐ $5\frac{3}{5}$ hours 　　　　Ⓒ $6\frac{2}{5}$ miles

Ⓑ $5\frac{4}{5}$ miles 　　　　Ⓓ $6\frac{3}{5}$ miles

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