أوراق عمل الدرسين الرابع والخامس من الوحدة 12 data and Measurement منهج ريفيل

تم تحميل هذا الملف من موقع المناهج الإماراتية	
موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف الخامس ⇦ رياضيات ⇦ الفصل الثالث ⇦ ملفات متنوعة ⇦ الملف	
تاريخ إضافة الملف على موقع المناهج: 2026-04-10 20:13:51	
ملفات ا كتب للمعلم ا كتب للطالب ا اختبارات الكترونية ا اختبارات ا حلول ا عروض بوربوينت ا أوراق عمل منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك ا الامتحان النهائي ا للمدرس	المزيد من مادة رياضيات:
إعداد: Ibrahem Mohamed	

التواصل الاجتماعي بحسب الصف الخامس					
صفحة المناهج الإماراتية على فيسبوك					
المواد على تلغرام	التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات	

المزيد من الملفات بحسب الصف الخامس والمادة رياضيات في الفصل الثالث	
1	حل أوراق عمل الدرس الثلاثة الأولى من الوحدة 12 data and Measurement منهج ريفيل
2	أوراق عمل الدرس الثلاثة الأولى من الوحدة 12 data and Measurement منهج ريفيل
3	مراجعة عامة ومتنوعة لمهارات الوحدة 12: البيانات، أوراق عمل مع واجبات
4	مراجعة الوحدة 13 : وحدة الهندسة
5	عرض بوربوينت شامل لقوانين الفصل الثالث 2026

رابط مجموعة الصف الخامس

https://t.me/MathG5Mrmohamed

Unit 12 – L 4

Lesson 12-4

Represent Measurement Data on a Line Plot

Book Page: 179

Learn

Ryan filled cups with the same amount of water and set them out in a room.
The next day, he measured the amount of water remaining in each cup.
The table shows his findings.

$1\frac{3}{4}$	$1\frac{1}{4}$	$2\frac{1}{4}$	2	$1\frac{1}{4}$	2
$1\frac{1}{2}$	$1\frac{3}{4}$	1	$1\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{1}{2}$
$1\frac{1}{2}$	2	$1\frac{3}{4}$	2	$1\frac{1}{2}$	$1\frac{1}{4}$

How many cups had 2 tablespoons or more of water remaining?

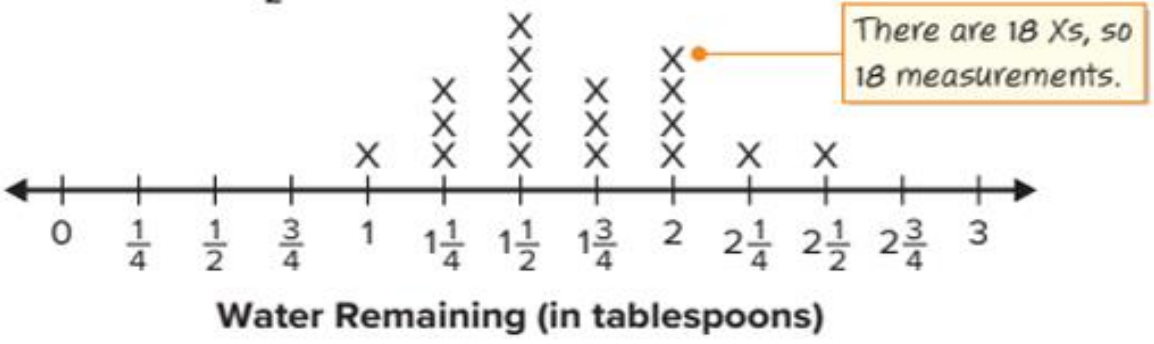
You can create a line plot to interpret the data.

There are

- 4 Xs above 2,
- 1 X above $2\frac{1}{4}$, and
- 1 X above $2\frac{1}{2}$.

Math is... In My World

When might a line plot be useful to you outside of class?



Water Remaining (in tablespoons)

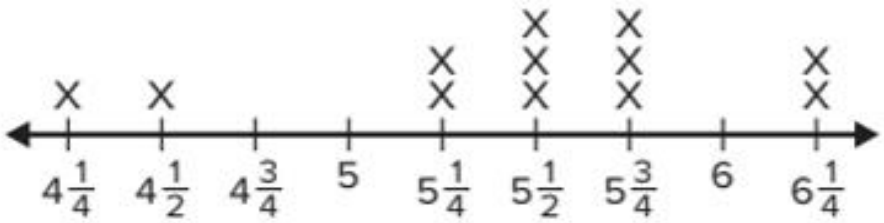
6 cups had 2 tablespoons or more of water remaining.

You can use line plots to see how many measurements there are and how the measurements are grouped together.

Work Together

How does the line plot show which measurement occurred most often?

This line plot shows the lengths of various mice from nose to the tip of the tail. Use the line plot to answer the questions.



Mice Length (in inches)

1. How many mice are in the data set?

2. How long is the shortest mouse?

3. How long is the longest mouse?

4. Which measurement or measurements occurred the most often?

5. Which measurement or measurements occur the least often?

6. How many mice are longer than 5 inches?

7. How many mice are shorter than 5 inches?

8. What is the difference in inches between the longest and the shortest mice?

9. Create a line plot to represent the data.

Pencil Lengths (in inches)

Pencil Lengths (in.)			
$6\frac{3}{4}$	$6\frac{1}{8}$	$6\frac{1}{2}$	$6\frac{1}{8}$
$6\frac{7}{8}$	$6\frac{3}{8}$	$6\frac{1}{8}$	$6\frac{3}{8}$

10. How did you know how to label the measurements on the line plot?

11. How did you know how many Xs to place above each measurement?

رابط مجموعة الصف الخامس

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Unit 12 – L 5

Lesson 12-5

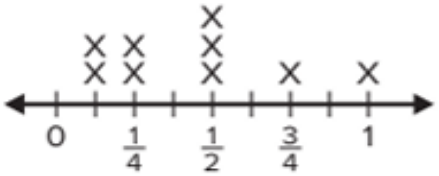
Solve Problems Involving Measurement Data on Line Plots

Book Page: 183

Learn

A tortilla maker put $4\frac{1}{2}$ cups of corn meal in ten bowls. The line plot shows the amount of corn meal in each of nine bowls.

How much corn meal is in the tenth bowl?



Corn Meal in Each Bowl (in cups)

Determine the amount of corn meal in each of the nine bowls.

2 bowls have $\frac{1}{8}$ cup each. $2 \times \frac{1}{8} = \frac{2}{8}$

2 bowls have $\frac{1}{4}$ cup each. $2 \times \frac{1}{4} = \frac{2}{4} = \frac{4}{8}$

3 bowls have $\frac{1}{2}$ cup each. $3 \times \frac{1}{2} = \frac{3}{2} = \frac{12}{8}$

1 bowl has $\frac{3}{4}$ cup. $\frac{3}{4} = \frac{6}{8}$

1 bowl has 1 cup. $1 = \frac{8}{8}$

$\frac{2}{8} + \frac{4}{8} + \frac{12}{8} + \frac{6}{8} + \frac{8}{8} = \frac{32}{8} = 4$

The nine bowls have 4 cups of corn meal.

Math is... Quantities

What could be another way to add the amounts of corn meal?

Subtract to determine the amount of corn meal in the tenth bowl.

$4\frac{1}{2} - 4 = \frac{1}{2}$

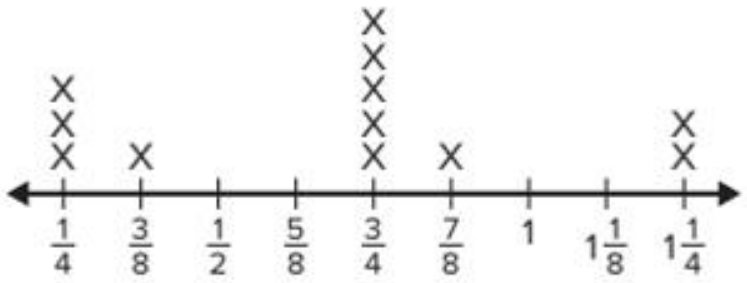
The tenth bowl has $\frac{1}{2}$ cup of corn meal.

You can solve problems by interpreting information given in line plots and then performing operations.

Work Together

Based on the line plot above, what is the difference between the greatest amount of flour in a bowl and the least amount of flour in a bowl? Explain your answer.

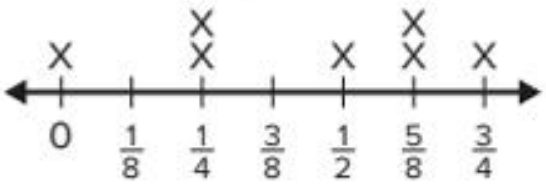
The line plot shows the weights of various mice.
Use the line plot to answer the questions.



Mice Weight (in ounces)

1. What is the combined weight of the 4 lightest mice?
2. What is the combined weight of the mice that weigh $\frac{3}{4}$ ounces?
3. What is the combined weight of all the mice?
4. What is the difference in weigh between the heaviest mouse and the lightest mouse?

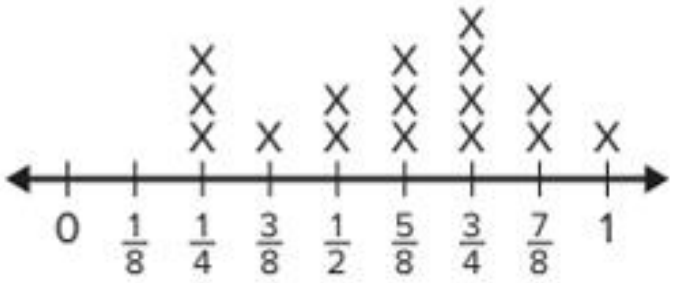
The line plot shows the amount of rain that fell each day in a week.
Use the line plot to answer the questions.



Daily Rainfall (in inches)

5. What was the total amount of rainfall in inches during the week?
6. How many days did it rain during the week?
7. On the days it rained, what is the difference between the greatest and least amount of rainfall?
8. If the same amount of rain falls the following week, what is the total amount of rainfall over two weeks?

The line plot shows how much water each player drank during a basketball game. Use the line plot to answer the questions.



Water Drank (in gallons)

9. How many players drank water during the basketball game?

10. What is the difference between the greatest amount of water drank and the least amount of water drank?

11. Error Analysis Tony wants to find the total amount of water players drank during the game.

$\frac{1}{4}+\frac{3}{8}+\frac{1}{2}+\frac{5}{8}+\frac{3}{4}+\frac{7}{8}+1=4\frac{3}{8}$ gallons

Is Tony's work correct? Explain why or why not.

Review

9. What operation should you use to convert seconds to minutes? Explain your answer. (Lesson 12-1)

10. How many meters are equal to 3 kilometers? (Lesson 12-2)

11. Jolanna has $1\frac{1}{2}$ yards of decorative tape. She uses 1-inch pieces for her scrapbook. How many 1-inch pieces of decorative tape does she have? (Lesson 12-3)

- **A.** 24 pieces
- **B.** 36 pieces
- **C.** 54 pieces
- **D.** 90 pieces

12. It is recommended that a person sleep 8 hours every night. How many minutes does this person sleep in a year? (Lesson 12-1)

- **A.** $48\frac{2}{3}$ minutes
- **B.** 2,920 minutes
- **C.** 175,200 minutes
- **D.** 10,512,000 minutes

13. The art teacher has $3\frac{1}{4}$ gallons of paint for a mural on the wall. The students in fifth grade use $1\frac{1}{2}$ gallons. How many quarts of paint are left? (Lesson 12-3)

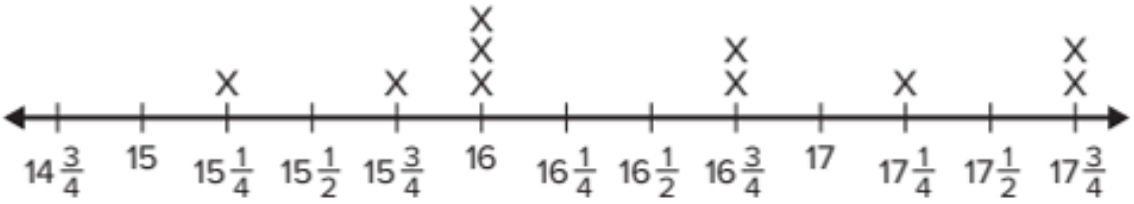
14. How many meters equal 400 centimeters? (Lesson 12-2)

15. Catherine has a piece of fabric that is 3,200 centimeters long. She needs fabric pieces that are 1 meter long for her quilt. How can she determine the number of 1-meter long pieces she has for her quilt? (Lesson 12-3)

16. Jamal picked 983 grams of blueberries. How many kilograms of blueberries did he pick? (Lesson 12-3)

17. An Olympic-size pool is 50 meters long. How can you determine the length in centimeters? (Lesson 12-3)

The line plot shows the length of the best long jump for each athlete at a Track and Field meet. Use the line plot to answer the questions.



Best Long Jump (in feet)

18. How many athletes are represented on the line plot? (Lesson 12-4)

19. How long is the longest jump? (Lesson 12-4)

20. How long is the shortest jump? (Lesson 12-4)

21. What measurement(s) occurred most often? (Lesson 12-4)

22. How many jumps are longer than 16 feet? (Lesson 12-4)

23. How many jumps are 16 feet or shorter? (Lesson 12-4)

24. What does no mark above a measurement mean? (Lesson 12-4)

25. What is the difference between the greatest jump length and the least jump length? (Lesson 12-5)