

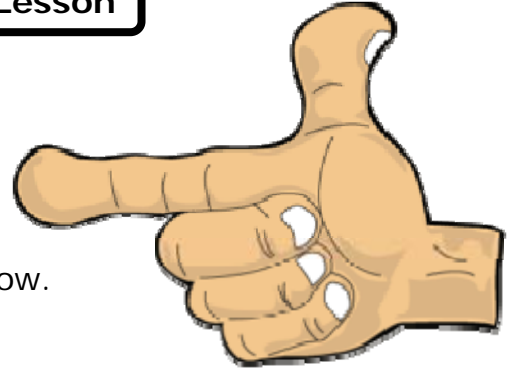
Name _____

Date _____

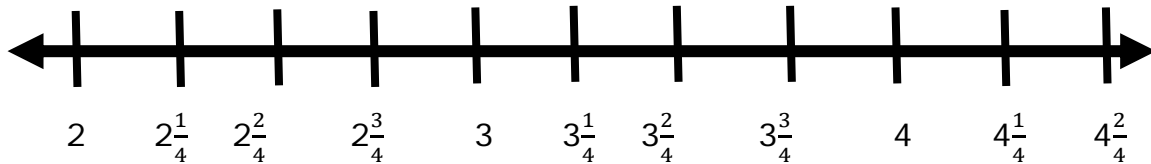
Measurements in Fractions of Unit - Guided Lesson

Complete the following problems:

1) People measured their index finger to the nearest $\frac{1}{4}$ inch. People were given numbers to make the data easier to plot. The data can be found below. Display the data on the line plot below. Then answer the questions below the line plot.



1. Christopher	$3\frac{3}{4}$	4. Daniel	4	7. Hannah	$2\frac{2}{4}$
2. Brandon	$2\frac{3}{4}$	5. Daniel	$2\frac{1}{4}$	8. Ashley	$2\frac{1}{4}$
3. Andrew	$2\frac{1}{4}$	6. Tyler	$3\frac{3}{4}$	9. Alexis	$4\frac{2}{4}$



Questions:

a. What is the size difference between the longest and shortest finger?

b. What is the most common finger size?

c. How many measurements are less than $2\frac{2}{4}$ inches?

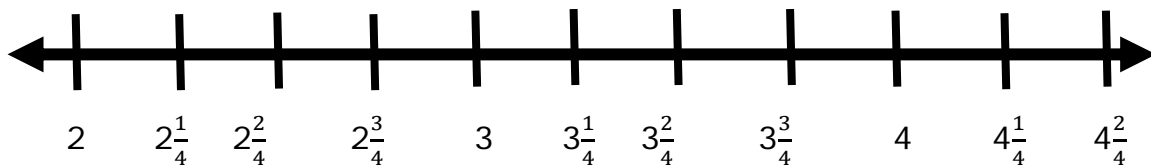


Name _____

Date _____

2) Teachers measured the height of their students in morning daycare. Each child was measured to the nearest $\frac{1}{4}$ foot. Children were given numbers to make the data easier to plot. The data can be found below. Display the data on the line plot below. Then answer the questions below the line plot.

1. Jennifer	$3\frac{1}{4}$	4. Victoria	$2\frac{3}{4}$	7. Anthony	$4\frac{1}{4}$
2. Amanda	4	5. Abigail	$3\frac{1}{4}$	8. Brandon	$3\frac{2}{4}$
3. Alyssa	$2\frac{3}{4}$	6. William	$4\frac{1}{4}$	9. Alexis	$4\frac{1}{4}$



Questions:

- What is the size difference between the tallest and shortest person?
- What is the most common height?
- How many measurements are less than $3\frac{2}{4}$ feet?

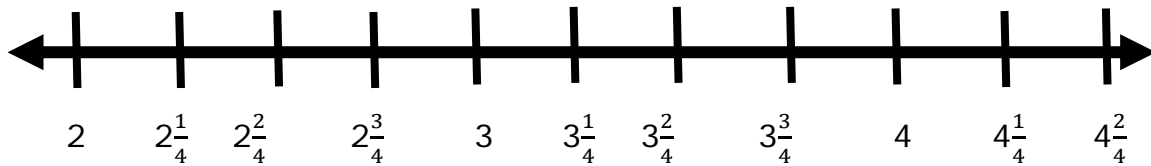


Name _____

Date _____

3) Mrs. Jones's class was having a contest to see who could run the farthest distance. 9 students ran as many times as they could around a $\frac{1}{4}$ mile track. The data from their run can be found below. Display the data on the line plot below. Then answer the questions below the line plot.

1. Abigail	$2\frac{1}{4}$	4. Lauren	$4\frac{1}{4}$	7. Nathan	$3\frac{2}{4}$
2. Elizabeth	$3\frac{2}{4}$	5. Grace	$2\frac{1}{4}$	8. Anna	$4\frac{1}{4}$
3. Sarah	$3\frac{1}{4}$	6. Olivia	$4\frac{1}{4}$	9. Matthew	$3\frac{3}{4}$



Questions:

- What is the difference between the longest and shortest distance?
- What is the most common distance ran?
- How many measurements are less than $4\frac{1}{4}$ miles?

