

LESSON 26: Line Plots

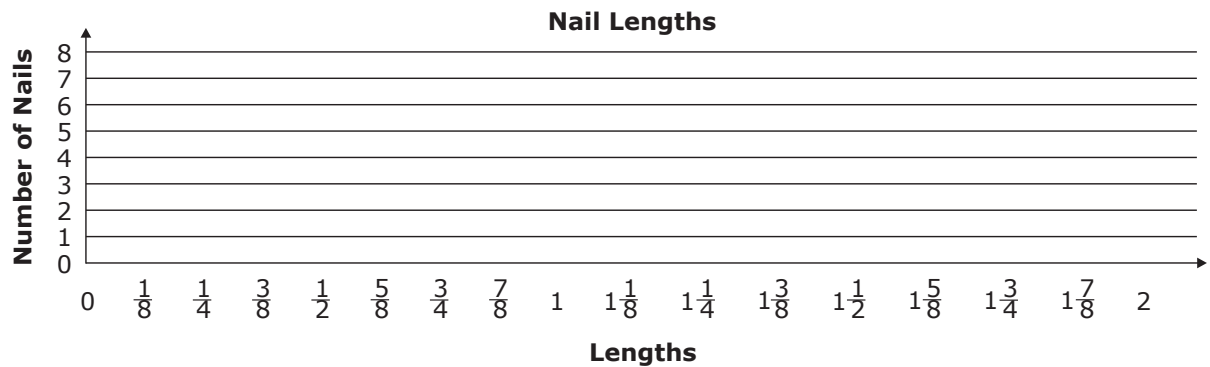
Homework

Name _____ Date _____

Directions: Complete Questions 1 – 10.

1. Sahali works in a nail salon. She has given 15 manicures today. The length of her customers' nails to the nearest $\frac{1}{8}$ of an inch when they left the salon were $\frac{3}{8}, 1\frac{1}{8}, \frac{1}{2}, 1\frac{1}{4}, \frac{7}{8}, \frac{5}{8}, 1\frac{1}{4}, \frac{7}{8}, \frac{1}{2}, 1\frac{1}{8}, \frac{3}{8}, \frac{3}{8}, 1\frac{1}{2}, \frac{5}{8}$.

Put the data in the line plot below and then answer the questions about the line plot.



2. How many nails have a length more than $\frac{1}{2}$ of an inch?

3. Which length of nails shows up the most?

4. How many more nails have a length of $1\frac{1}{4}$ inches than 1 inch?

5. How many nails have a length that is less than $1\frac{1}{8}$ inches?

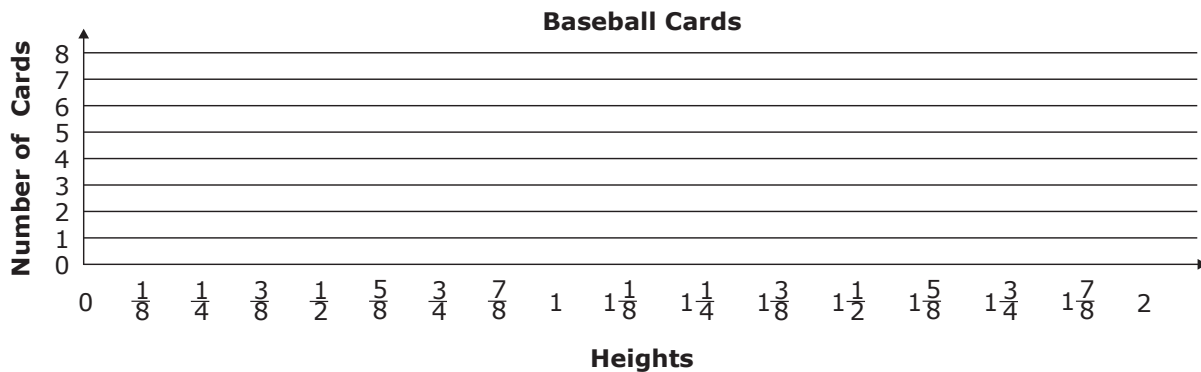
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6. Shunichi has sorted his baseball cards by teams. He is measuring the height of each team's stack of cards. He has measured them to the nearest $\frac{1}{8}$ of an inch. The height of each stack is listed below. Make a line plot out of the data and then answer the following questions.

Height in inches: $1\frac{1}{2}$, $1\frac{3}{4}$, $\frac{7}{8}$, $1\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{8}$, $\frac{7}{8}$, $\frac{3}{4}$, $1\frac{1}{4}$, $1\frac{3}{4}$, $1\frac{7}{8}$, $\frac{1}{2}$, $\frac{1}{4}$, $1\frac{3}{8}$



7. How many stacks of baseball cards are taller than $\frac{1}{2}$ of an inch?

8. Which stack height shows up the most?

9. How many more stacks have a height of $1\frac{3}{4}$ of an inch than $\frac{3}{4}$ of an inch?

10. How many stacks have a height of less than $\frac{1}{2}$ of an inch?
