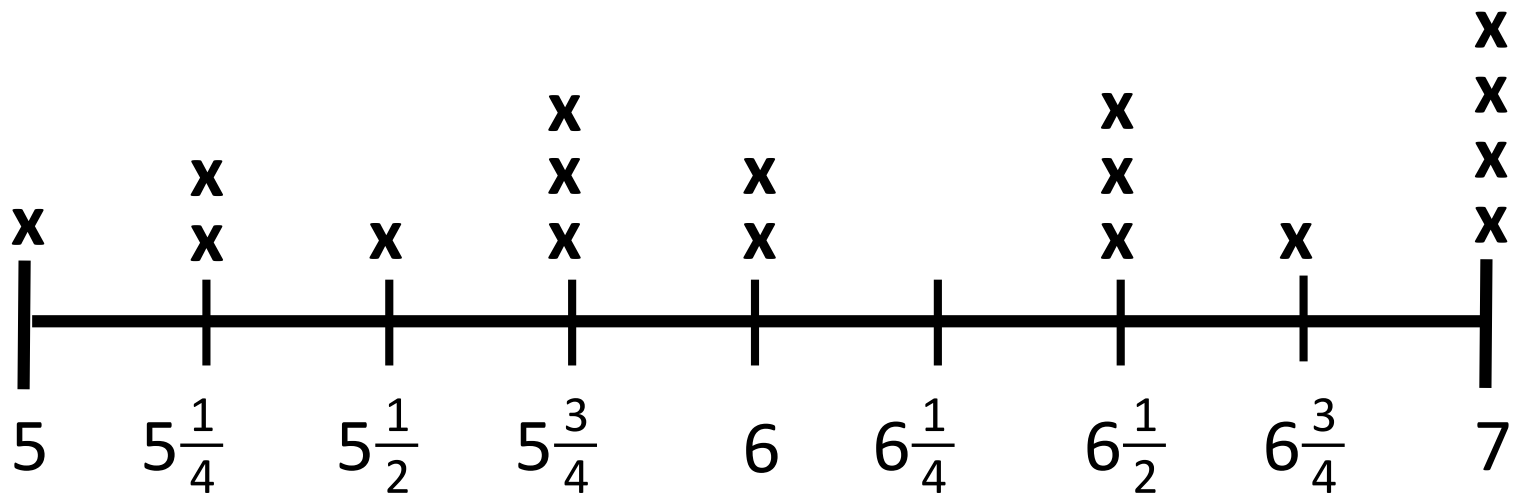


Use with Task Cards 1-8.



The Lengths of Students' Pencils in Inches

4.MD.4

1

How many pencils were measured?

4.MD.4

2

What was the most common pencil length?

4.MD.4

3

How many students had a pencil 6 inches or shorter?

4.MD.4

4

How many students had a pencil $6\frac{1}{2}$ inches or longer?

4.MD.4

5

If all the pencils measuring $6\frac{1}{2}$ inches were added together, what would the total length be?

4.MD.4

6

If all the pencils measuring $5\frac{3}{4}$ inches were added together, what would the total length be?

4.MD.4

7

What is the difference in length between the longest and the shortest pencils?

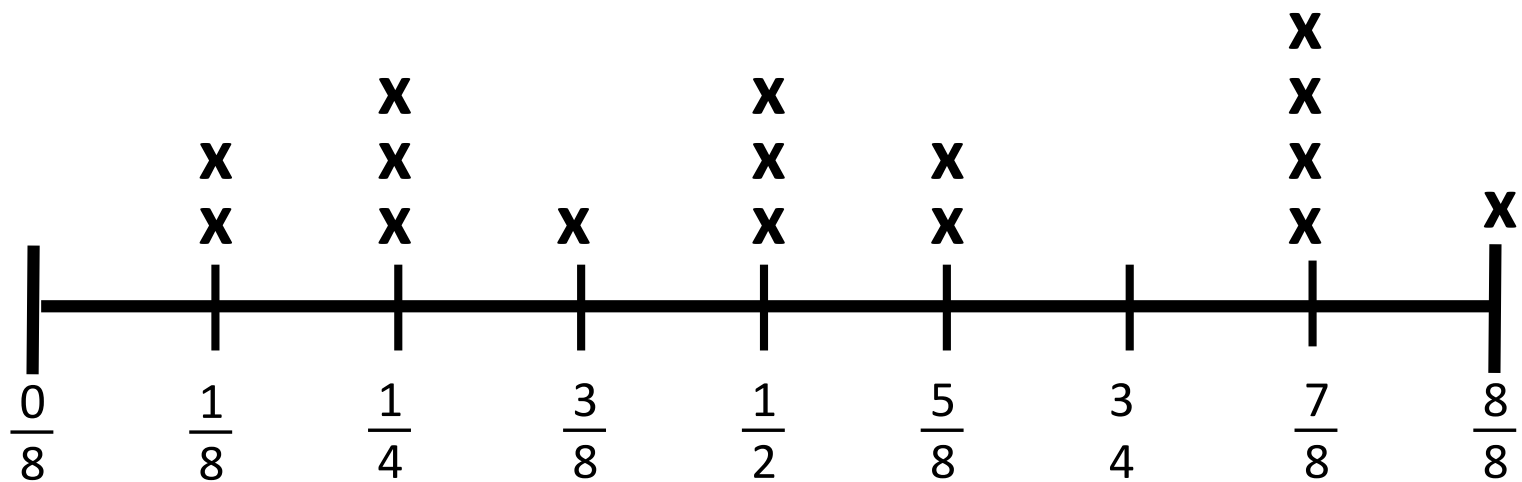
4.MD.4

8

If all the pencils measuring $6\frac{1}{2}$ inches to 7 inches were added together, what would the total length be?

4.MD.4

Use with Task Cards 9-16.



The Length of Liam's Insects in Inches

4.MD.4

9

How many insects are represented on the line plot?

4.MD.4

10

What is the most common length of insect?

4.MD.4

11

How many insects measure $\frac{1}{2}$ inch or less?

4.MD.4

12

How many insects measure $\frac{5}{8}$ inch or more?

4.MD.4

13

If all the insects measuring $\frac{1}{4}$ inch were added together, what would the total length be?

4.MD.4

14

If all the insects measuring $\frac{7}{8}$ inch were added together, what would the total length be?

4.MD.4

15

What is the difference in length between the largest and smallest insect?

4.MD.4

16

If all the insects measuring between $\frac{1}{8}$ and $\frac{1}{2}$ inch were added together, what would the total length be?

4.MD.4

17 Make a line plot using the following data:

Susan cut pieces of yarn in the following lengths:

$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$,
 $\frac{3}{8}$, $\frac{3}{8}$, $\frac{1}{2}$

4.MD.4

18

Answer the question based on the line plot you created in task card 17.

Which length of yarn is most common?

4.MD.4

19

Answer the question based on the line plot you created in task card 17.

What is the combined length of yarn displayed on the graph?

4.MD.4

20

Answer the question based on the line plot you created in task card 17.

What is the length difference between the longest and shortest piece of yarn?

4.MD.4