LESSON MAKER PRO

Length Line Plots

Show measured lengths with Xs.

GRADE 2 · 2.DA.A.15.a

2.DA.A.15.a "Create a line plot where the horizontal scale is marked off in whole-number units to show the lengths of several measured objects."

NAME _____ DATE _____

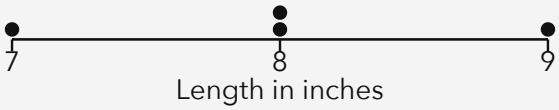
MAKE A LINE PLOT

Write each whole-number length below a mark on the line. Put one X above the matching number for each object you measured.

WORKED EXAMPLE

This line plot shows ribbon lengths in inches. Copy the plot. How many Xs will you draw above each number?

Ribbon Lengths



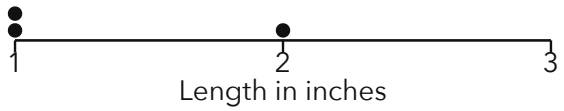
1. Write 7, 8, and 9 below evenly spaced marks.
2. Count the Xs above each number in the plot.
3. Draw the same number of Xs above each mark on your plot.

Answer: 7: 1 X; 8: 2 Xs; 9: 1 X.

PRACTICE 5 problems

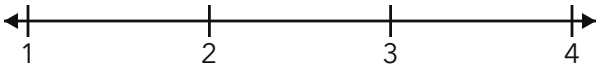
1 This line plot shows some toy car lengths in inches. Two more cars are each 3 inches long. Add their Xs to the plot.

Toy Car Lengths



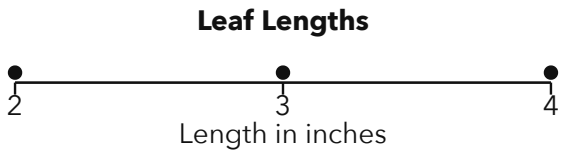
ANSWER _____

2 Four crayons measure 1, 2, 2, and 4 inches. Draw Xs above the scale to make a line plot.



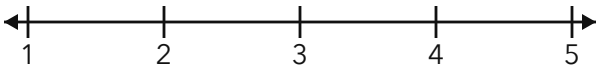
ANSWER _____

3 This line plot shows some leaf lengths in inches. Three more leaves measure 3, 3, and 4 inches. Add their Xs to the plot.



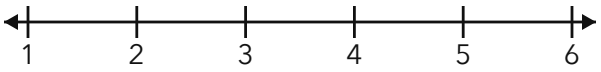
ANSWER _____

4 Five toy boats measure 2, 2, 3, 5, and 5 inches. Draw Xs above the scale to make a line plot.



ANSWER _____

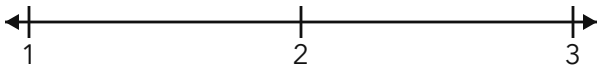
5 Six paper strips measure 1, 3, 3, 4, 6, and 6 inches. Draw Xs above the scale to make a line plot.



ANSWER _____

APPLY IT Show your work

1 Mia measures four stickers. They are 1, 1, 2, and 3 inches long. Draw Xs above the scale to make a line plot of their lengths.



ANSWER _____

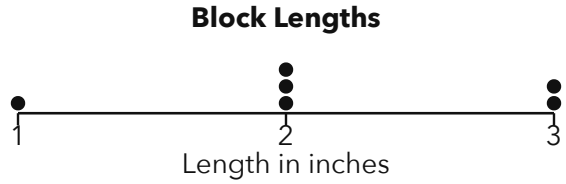
2 At art time, Leo measures five feathers. They are 2, 3, 3, 4, and 4 inches long. Draw Xs above the scale to make a line plot.



ANSWER _____

CHALLENGE One step up

Nora measured six blocks. They are 1, 2, 2, 3, 3, and 3 inches long. Her line plot has one X in the wrong place. Move that X to fix the plot.



WORK SPACE AND ANSWER

ANSWER KEY

Length Line Plots

GRADE 2 · 2.DA.A.15.a

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	This line plot shows some toy car lengths in inches. Two more cars are each 3 inches long. Add their Xs to the plot.	**Completed plot: 1: 2 Xs; 2: 1 X; 3: 2 Xs.**
2	Four crayons measure 1, 2, 2, and 4 inches. Draw Xs above the scale to make a line plot.	**1: 1 X; 2: 2 Xs; 3: 0 Xs; 4: 1 X.**
3	This line plot shows some leaf lengths in inches. Three more leaves measure 3, 3, and 4 inches. Add their Xs to the plot.	**Completed plot: 2: 1 X; 3: 3 Xs; 4: 2 Xs.**
4	Five toy boats measure 2, 2, 3, 5, and 5 inches. Draw Xs above the scale to make a line plot.	**1: 0 Xs; 2: 2 Xs; 3: 1 X; 4: 0 Xs; 5: 2 Xs.**
5	Six paper strips measure 1, 3, 3, 4, 6, and 6 inches. Draw Xs above the scale to make a line plot.	**1: 1 X; 2: 0 Xs; 3: 2 Xs; 4: 1 X; 5: 0 Xs; 6: 2 Xs.**

PART 2 · APPLY IT

1. **1: 2 Xs; 2: 1 X; 3: 1 X.** Place one X for each sticker above its length.
2. **2: 1 X; 3: 2 Xs; 4: 2 Xs.** Place one X for each feather above its length.

CHALLENGE

Move one X from 2 to 3. Corrected plot: 1: 1 X; 2: 2 Xs; 3: 3 Xs.

Accept Xs stacked above the correct whole-number marks. The order of Xs within each stack does not matter.