LESSON MAKER PRO

Length Line Plots

Measure, mark, and compare lengths

GRADE 2 · 2.DA.A.15

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

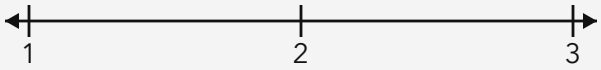
NAME _____ DATE _____

MAKE A LINE PLOT

Measure each object to the nearest whole inch. Put one X above that number on the line plot. If two objects have the same length, stack their Xs.

WORKED EXAMPLE

Four toy trains measure 1, 2, 2, and 3 inches long. Use the number line to make a line plot.

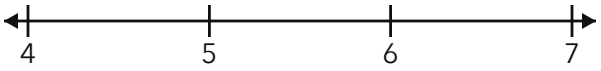


1. Put one X above 1.
2. Stack two Xs above 2.
3. Put one X above 3.

Answer: 1: X; 2: XX; 3: X

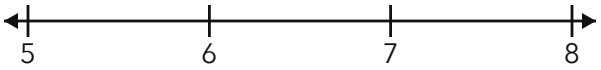
PRACTICE 5 problems

1 Four paper strips measure 4, 5, 5, and 7 inches long. Put an X above each length on the number line.



ANSWER _____

2 Four crayons measure 6, 6, 7, and 8 inches long. Put an X above each length on the number line.



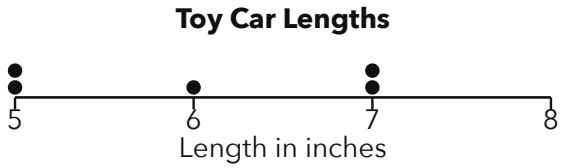
ANSWER _____

3 Four craft sticks measure 4, 4, 6, and 8 inches long. Put an X above each length on the number line.



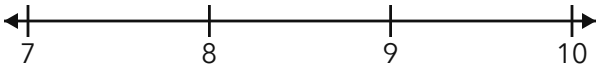
ANSWER _____

4 This line plot shows the lengths of toy cars in inches. How many cars are 7 inches long?



ANSWER _____

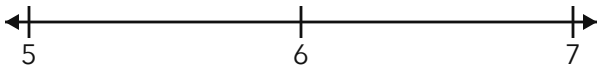
5 Four blocks measure 7, 9, 9, and 10 inches long. Put an X above each length on the number line.



ANSWER _____

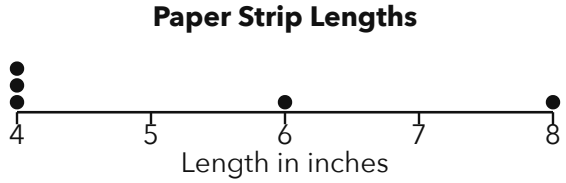
APPLY IT Show your work

1 A class measures four bookmarks to the nearest whole inch. They measure 5, 6, 6, and 7 inches long. Put an X above each length on the number line.



ANSWER _____

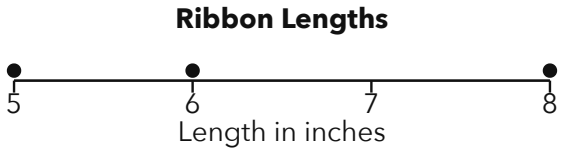
2 Nia measures paper strips for a collage and makes this line plot. Which length appears most often?



ANSWER _____

CHALLENGE One step up

These ribbon lengths are 5, 6, 6, and 8 inches. One ribbon is missing from the line plot. Add its X and explain how you know where it goes.



WORK SPACE AND ANSWER

ANSWER KEY

Length Line Plots

GRADE 2 · 2.DA.A.15

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Four paper strips measure 4, 5, 5, and 7 inches long. Put an X above each length on the number line.	**4: X; 5: XX; 7: X**
2	Four crayons measure 6, 6, 7, and 8 inches long. Put an X above each length on the number line.	**6: XX; 7: X; 8: X**
3	Four craft sticks measure 4, 4, 6, and 8 inches long. Put an X above each length on the number line.	**4: XX; 6: X; 8: X**
4	This line plot shows the lengths of toy cars in inches. How many cars are 7 inches long?	**2 cars**
5	Four blocks measure 7, 9, 9, and 10 inches long. Put an X above each length on the number line.	**7: X; 9: XX; 10: X**

PART 2 · APPLY IT

1. **5: X; 6: XX; 7: X** Mark one X for each bookmark. Stack two Xs above 6.
2. **4 inches** There are three marks above 4, more than above any other length.

CHALLENGE

Add an X above 6. The list has two 6-inch ribbons, but the plot shows only one.

Accept an X or a dot for each object, placed above the correct whole-number tick. For the challenge, accept any explanation that identifies the second 6-inch ribbon as missing.