

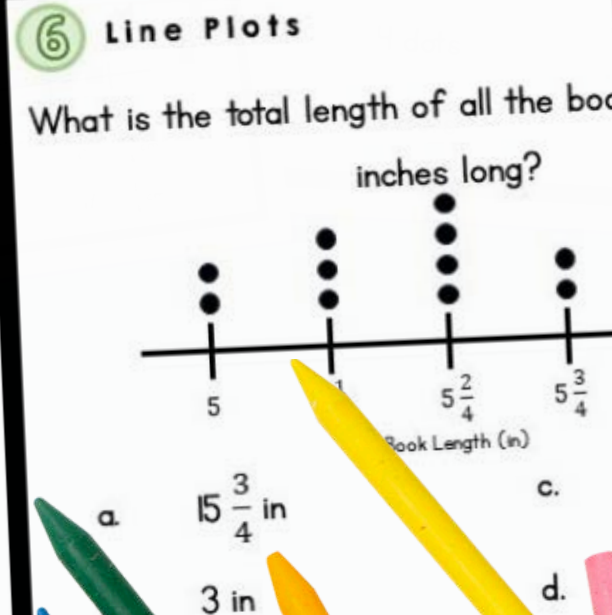
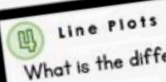
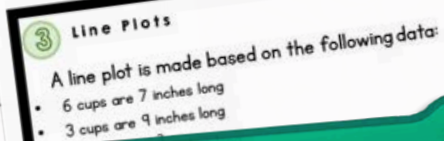
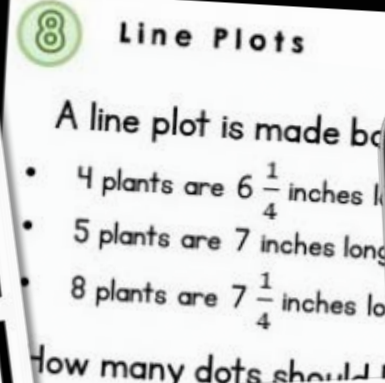
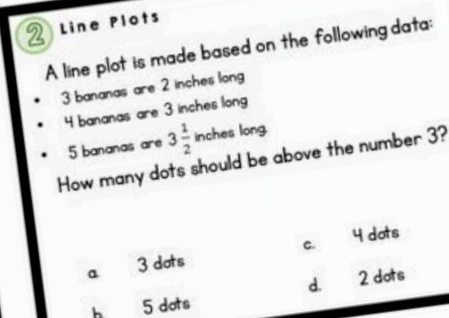
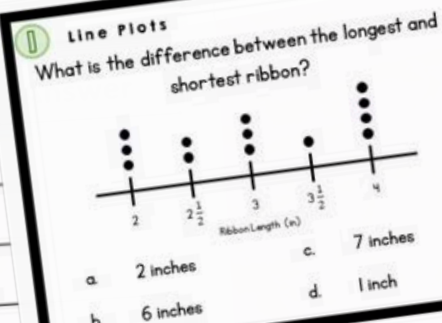
4.MD.B.4

CREATE A LINE PLOT WITH FRACTIONS OF A UNIT

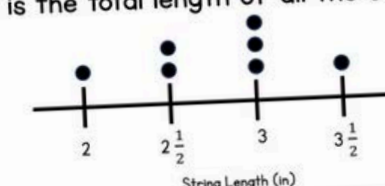
TASK CARDS

ANSWER SHEET

Card #	Answer	Card #
1.		16.
2.		17.
3.		18.
4.		19.
5.		20.
6.		21.



★ ★ ★ ★ ★ ★ ★ ★ ★ ★
Elliot kept track of the lengths of different strings on the line plot shown. What is the total length of all the strings combined?



$7\frac{1}{2}$ inches

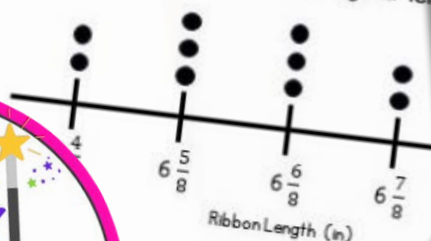
$19\frac{1}{2}$ inches

11 inches

8 inches

Line Plot CHALLENGE

A piece of ribbon is cut into different lengths. The line plot shown. What is the original length of the ribbon?



Measurement Line Plots with Fractions



Mag CORE

PRINTABLE AND DIGITAL

- 30 PRINT-AND-GO TASK CARDS
- READY TO USE FOR CENTERS

ANSWER SHEET

Name: _____ Date: _____

Card #	Answer	Card #	Answer
1.		16.	
2.		17.	
3.		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	



21 Line Plots

A group of students measured the wingspans of butterflies they collected and recorded the data on the line plot shown. What is the difference between the longest and shortest wingspan?

Wingspan Length (cm)

a. $4\frac{4}{8}$ cm c. $2\frac{3}{8}$ cm

b. $1\frac{4}{8}$ cm d. $\frac{6}{8}$ cm

23 Line Plots

Liam tracked the thickness of books on the line plot shown. What is the combined thickness of books that are $5\frac{2}{8}$ cm thick?

Book Thickness (cm)

a. 15 cm c. $3\frac{2}{8}$ cm

b. $15\frac{2}{8}$ cm d. $15\frac{6}{8}$ cm

22 Line Plots

Teia and Lily are making bracelets and recording the length of each bracelet on the line plot shown. What is the total length of bracelets that are $3\frac{2}{4}$ and $3\frac{3}{4}$ inches combined?

Bracelet Length (in)

a. 9 inches c. $10\frac{1}{4}$ inches

b. $7\frac{1}{4}$ inches d. 10 inches

24 Line Plots

Rocky tracked the miles he ran on the line plot shown. What is the difference between his longest distance and shortest distance ran?

Distance (miles)

a. 1 mile c. 2 miles

b. 7 miles d. 3 miles

00 Line Plots

A line plot is made based on the following data:

- 6 trees are $8\frac{2}{8}$ feet tall
- 7 trees are 8 feet tall
- 9 trees are $8\frac{5}{8}$ feet tall

How many dots should be above the number $8\frac{5}{8}$?

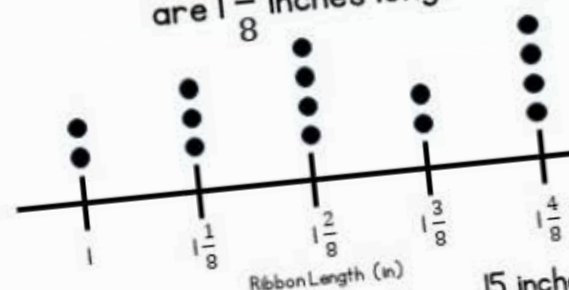
a. a . .



SELF CORRECTING, INCLUDES REPORTING CERTIFICATE

24 Line Plots

What is the combined length of the ribbon are $1\frac{1}{8}$ inches long?



- a. 3 inches
b. 5 inches
c. 15 inches
d. $3\frac{3}{8}$ inches

25 Line Plots

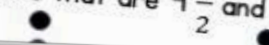
A line plot is made based on the following data:

- 5 trees are $8\frac{2}{8}$ feet tall
- 3 trees are 8 feet tall
- 2 trees are $9\frac{5}{8}$ feet tall
- many more should be above the line plot

- c.
d.

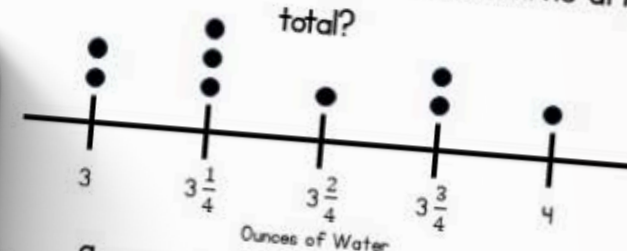
25 Line Plots

A gardener measured the growth of his tomato plants and recorded the results on the line plot shown. What is the combined height of the plants that are $4\frac{1}{2}$ and 5 inches?



26 Line Plots

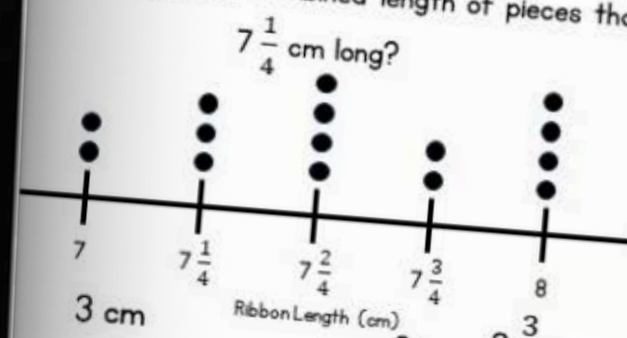
Bailey tracked the ounces of each water he drank on the line plot shown. How many ounces did he drink in total?



- a. 9 ounces
b. $15\frac{3}{4}$ ounces
c. 28 ounces
d. $30\frac{3}{4}$ ounces

Line Plots

of ribbon is cut into different lengths based on the line plot shown. What is the combined length of pieces that are $7\frac{1}{4}$ cm long?



- a. 3 cm
b. $21\frac{3}{4}$ cm
c. $3\frac{3}{4}$ cm
d. $14\frac{2}{4}$ cm

SHUFFLES CARDS, SO STUDENTS
CAN PRACTICE MORE THAN ONCE

The image displays a collection of educational resources for line plots. In the background, several worksheets are visible, including one titled "Line Plots" with a data set: 7 books are $2\frac{1}{4}$ inches long, 4 books are 3 inches long, and 6 books are $3\frac{1}{2}$ inches long. Another worksheet asks for the total length of books that are $5\frac{1}{4}$ inches long. A third worksheet shows a line plot with data points at $3\frac{2}{4}$, $3\frac{3}{4}$, and 4, with multiple-choice options: c. 28 ounces and d. $30\frac{3}{4}$ ounces. A fourth worksheet shows a line plot with data points at $6\frac{4}{8}$, $6\frac{5}{8}$, $6\frac{6}{8}$, and $6\frac{7}{8}$, with the label "RibbonLength (in)".

In the foreground, a tablet displays a feedback screen with the text "INCORRECT" and "The correct answer is $10\frac{5}{8}$ in." Below this, there is a "CONTINUE" button and two options: $10\frac{5}{8}$ in and $10\frac{3}{8}$ in. The screen also features a row of stars (some colored, some grey) and a speaker icon.

To the right of the tablet is a blue pencil case containing a set of colored pencils. The entire scene is set against a colorful, abstract background.

STANDARDS ALIGNED

Line Plots

A line plot is made based on the following data:

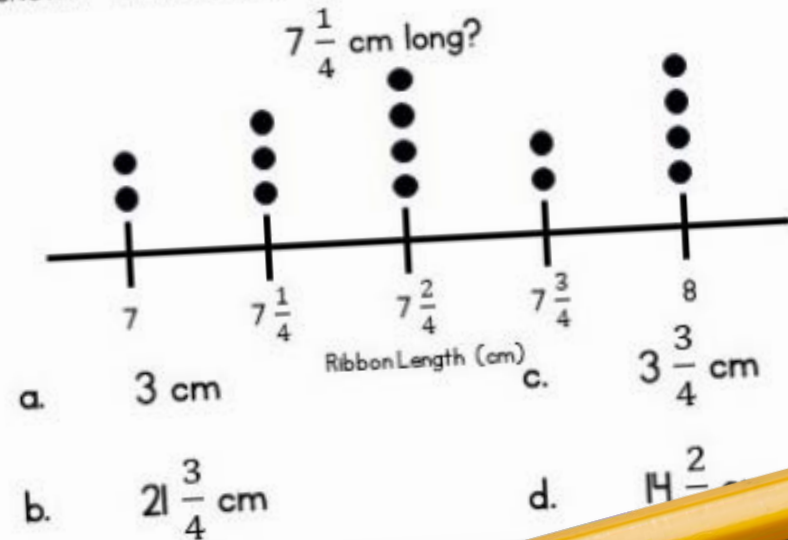
- 6 trees are $8\frac{2}{8}$ feet tall
- 7 trees are 8 feet tall
- 9 trees are $8\frac{5}{8}$ feet tall

How many dots should be above the number $8\frac{5}{8}$?

- | | |
|-----------|-----------|
| a. 9 dots | c. 7 dots |
| b. 6 dots | d. 8 dots |

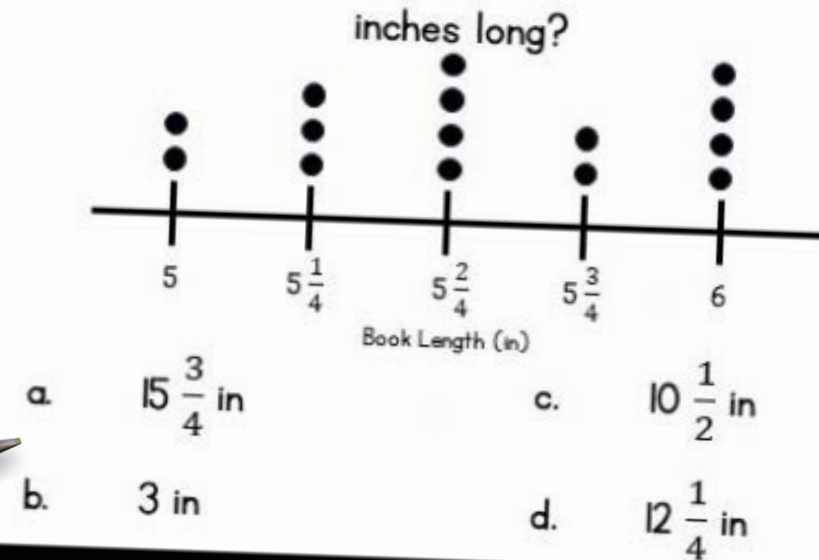
28 Line Plots

A piece of ribbon is cut into different lengths based on the line plot shown. What is the combined length of pieces that are



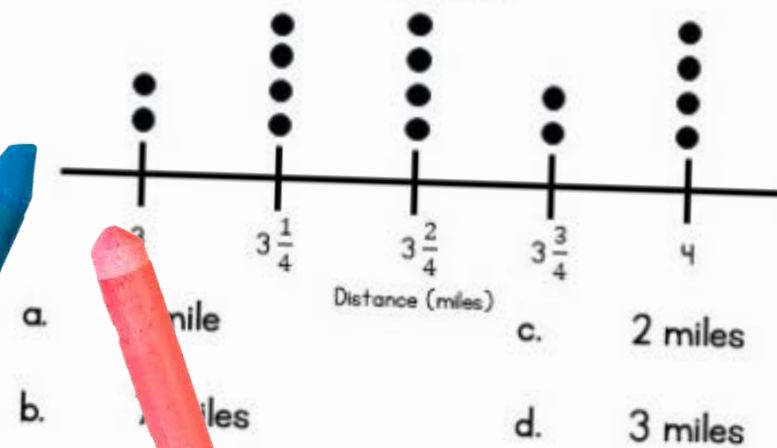
6 Line Plots

What is the total length of all the books that are $5\frac{1}{4}$ inches long?



24 Line Plots

Rocky tracked the miles he ran on the line plot shown. What is the difference between his longest distance and shortest distance ran?



8 Line Plots

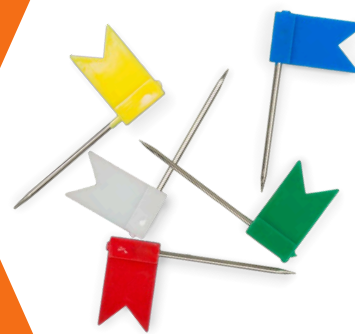
A line plot is made based on the following data:

- 4 plants are $6\frac{1}{4}$ inches long
- 5 plants are 7 inches long
- 8 plants are $7\frac{1}{4}$ inches long

How many dots should be

- | |
|-----------|
| a. 4 dots |
| b. 8 dots |

USE OVER AND OVER FOR CENTERS, GAMES, AND REVIEW



ANSWER SHEET

Name: _____ Date: _____

Card #	Answer	Card #
		16.
		17.
3.		18.
4.		19.
5.		20.
6.		21.
7.		22.
8.		

1 Line Plots
What is the difference between the longest and shortest ribbon?

Ribbon Length (in)

a. 2 inches c. 7 inches
b. 6 inches d. 1 inch

2 Line Plots
A line plot is made based on the following data:

- 3 bananas are 2 inches long
- 4 bananas are 3 inches long
- 5 bananas are $3\frac{1}{2}$ inches long.

How many dots should be above the number 3?

a. 3 dots c. 4 dots
b. 5 dots d. 2 dots

24 Line Plots
Rocky tracked the miles he ran on the line. What is the difference between his longest distance and his shortest distance?

Distance (miles)

a. 1 mile
b. 7 miles

3 Line Plots
A line plot is made based on the following data:

- 6 cups are 7 inches long
- 3 cups are 9 inches long
- 4 cups are $8\frac{3}{8}$ inches long.

How many dots should be above the number $8\frac{3}{8}$?

a. 6 dots c. 3 dots
b. 4 dots d. 9 dots

4 Line Plots
What is the difference between the longest and shortest plant?

Plant Length (cm)

a. 1 cm c. $\frac{3}{4}$ cm
b. $8\frac{3}{4}$ cm d. $\frac{1}{4}$ cm

6 Line Plots
What is the total length of all the books that are $5\frac{1}{4}$ inches long?

6 Line Plots
What is the total length of all the books that are $5\frac{1}{4}$ inches long?

Book Length (in)

a. $15\frac{3}{4}$ in c. $10\frac{1}{2}$ in
b. 3 in d. $12\frac{1}{4}$ in

8 Line Plots
A line plot is made based on the following data:

- 4 plants are $6\frac{1}{4}$ inches long
- 5 plants are 7 inches long
- 8 plants are $7\frac{1}{4}$ inches long.

How many dots should be above the number $7\frac{1}{4}$?

a. 4 dots c. 5 dots
b. 8 dots d. 6 dots

Line Plots
A line plot is made based on the following data:

- 4 plants are $6\frac{1}{4}$ inches long
- 5 plants are 7 inches long
- 8 plants are $7\frac{1}{4}$ inches long.

How many dots should be above the number $8\frac{5}{8}$?

a. 9 dots c. 7 dots
b. 6 dots d. 8 dots

