Part A.			Everyday Ma Chapter	ath, Grade 5 6 Review					
Define the f	ollowing wo	rds:							
I. Maximu	m								
2. Minimu	m								
3. Median									
4. Mode _									
5. Larry surv	veved the hr	vs in his cl:	ass. He asked the	following thr	ee aue	stions			
	A. How n	nany pages	are in the book y	ou are readir	ng?				
			,		•				
	B. About	how many	minutes per day	do you read a	after scl	hool?			
	B. About C. About	how many how many	y minutes per day y books did you re	do you read a ad during the	after scl e first qu	hool? Jarter d	of schoo	ol?	
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Use the data from the Line Plot you created with Larry's data and find the following landmarks:
1. Maximum:
2. Minimum:
3. Mode:
4. Range:
Larry concluded that most kids own at least 10 books. Do you agree with his conclusion?
Why or why not?
What could Larry do to improve his survey?
1.) $\frac{4}{7} + \frac{3}{7} = $ 2.) $\frac{1}{4} + 1 = $ 3.) $\frac{5}{5} - \frac{3}{4} = $
4.) $\frac{9}{10} - \frac{2}{5} = $ 5.) $\frac{4}{6} - \frac{1}{3} = $ 6.) $\frac{2}{3} + \frac{1}{2} = $
7.) $\frac{4}{6} - \frac{1}{8} = $ 8.) $\frac{3}{9} + \frac{2}{9} = $ 9.) $\frac{3}{4} - \frac{1}{2} = $
10.) What pair of fractions is represented by the picture below?

### Part B.

11.) Mary collected money each day for a charity. Each day, she recorded the amount she collected. Organize her data by making a Stem and Leaf Plot.

\$12	\$45	\$15	\$13	\$40	\$100	\$102
\$27	\$25	\$45	\$26	\$10	\$109	\$150

Find the following landmarks for the money collected.

- 12.) Maximum: \_\_\_\_\_
- 13.) Minimum: \_\_\_\_\_
- 14.) Mode: \_\_\_\_\_
- 15.) Mean: \_\_\_\_\_

16.) Use your ruler to draw a line segment that is $3\frac{5}{8}$ in. long.
17.) If you erased $\frac{1}{4}$ in. of this line segment, how long would it be?
18.) If you drew a line segment that was double the length? How long would it be?
19.) Use your ruler to draw a line segment that is $3\frac{3}{4}$ in. long.

# Part A.

Define the following words:

- 1. Maximum The most amount
- 2. Minimum The least amount
- 3. Median The middle number found when data is recorded from least to greatest
- 4. Mode The most frequent amount of data collected

5. Larry surveyed the boys in his class. He asked the following three questions:

- A. How many pages are in the book you are reading?
- B. About how many minutes per day do you read after school?
- C. About how many books did you read during the first quarter of school?

The graphs below show the answers to two of the questions. Math the questions with their graphs. (Mark A, B or C under each graph.)



Below is the data Larry collected for the question: How many books do you own?

Create a Line Plot and organize the data Larry collected. Include a title and title the X axis as well.

25	12	25	25	26	16	17	
15	20	26	18	10	10	11	26

																X
х															х	Х
Х	Х	Х			Х	Х	Х	Х		Х					Х	Х
10	11	12	13	14	15	16	17	18	19	20	<b>21</b>	22	23	24	25	2

Use the data from the Line Plot you created with Larry's data and find the following landmarks:

- 1. Maximum: 26
- 2. Minimum: 10
- 3. Mode: 26
- 4. Range: 16

Larry concluded that most kids own at least 10 books. Do you agree with his conclusion? No

Why or why not? He would need to ask ALL kids in his school, not just the boys.

What could Larry do to improve his survey? He could ask boys and girls in every grade.

1.) $\frac{4}{7} + \frac{3}{7} = \frac{7}{7}$ or 1	2.) $\frac{1}{4} + 1 = 1\frac{1}{4}$	$3.)\frac{5}{5} - \frac{3}{4} = \frac{1}{4}$	
4.) $\frac{9}{10} - \frac{2}{5} = \frac{5}{10}$ or $\frac{1}{2}$	5.) $\frac{4}{6} - \frac{1}{3} = \frac{2}{6}$	$\operatorname{pr}\frac{1}{3}$	$6.)\frac{2}{3} + \frac{1}{2} = \frac{1}{6}$
7.) $\frac{4}{6} - \frac{1}{8} = \frac{13}{24}$	8.) $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$		9.) $\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$

10.) What pair of fractions is represented by the picture below?  $\frac{3}{4}$  and  $\frac{1}{2}$ 

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# Part B.

11.) Mary collected money each day for a charity. Each day, she recorded the amount she collected. Organize her data by making a Stem and Leaf Plot.

\$12	\$45	\$15	\$13	\$40	\$100	\$102
\$27	\$25	\$45	\$26	\$10	\$109	\$150
			Stem (10)	Leaf (1)		
			1	0235		
			4	055		
			10	029		
			15	0		

Find the following landmarks for the money collected.

12.) Maximum: **\$150** 

13.) Minimum: **\$10** 

14.) Mode: **\$45** 

15.) Mean: **\$164** 

16.) Use your ruler to draw a line segment that is  $3\frac{5}{8}$  in. long. 17.) If you erased  $\frac{1}{4}$  in. of this line segment, how long would it be?  $3\frac{3}{8}$  in. 18.) If you drew a line segment that was double the length? How long would it be?  $7\frac{1}{4}$  in. 19.) Use your ruler to draw a line segment that is  $3\frac{3}{4}$  in. long.

20.) A survey was taken asking people about their favorite smoothie. Below are the results in percentages.						
Banana & Strawberry – 35%	Avocado & Blueberries – 28%	Almond Milk & Melon – 13%				
	Raspberries & Spinach– 24	%				
a.) If 100 people were asked, ho	ow many of them chose Banana 8	& Strawberry? 35 people				
b.) If 10 people were asked, how many of them chose Almond Milk & Melon? About 1 person (round 1.3 to 1)						
c.) If 50 people were asked, how many of them chose Raspberries & Spinach? <b>12 people</b>						
21.) How would you use the multiplication rule to find common denominators for the fraction pair, $\frac{5}{8}$ and $\frac{3}{6}$ ?						
You could find the common multiple of both numbers.						

I.