Dear Parents,
We want to make sure that you have an understanding of the mathematics your child will be learning this year. Below you will find the standards we will be learning in Chapter Three. Each standard is in bold print and underlined and below it is an explanation with student examples. Your child is not learning math the way we did when we were in school, so hopefully this will assist you when you help your child at home. Please let your teacher know if you have any questions.

MGSE.3.NBT.2 Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. This standard refers to fluently, which means accuracy, efficiency (using a reasonable amount of steps and time), and flexibility (using strategies such as the distributive property). The word algorithm refers to a procedure or a series of steps. There are other algorithms other than the standard algorithm. Third grade students should have experiences beyond the standard algorithm. A variety of algorithms will be assessed. Problems should include both vertical and horizontal forms, including opportunities for students to apply the commutative and associative properties. Students explain their thinking and show their work by using strategies and algorithms, and verify that their answer is reasonable.
**Example:** There are 178 fourth graders and 225 fifth graders on the playground. What is the total number of students on the playground?

Student 1:	Student 2:	Student 3:
100 + 200 = 300 70 + 20 = 90 8 + 5 = 13 300+90+13 = 403 students	I added 2 to 178 to get 180. I added 220 to get 400. I added the 3 left over to get 403.	I know 75 plus 25 equals 100. Then I added 1 hundred from 178 and 2 hundreds from 275. I had a total of 4 hundreds and I had 3 more left to add. So I have 4 hundreds plus 3 more which is 403.

Student 4:
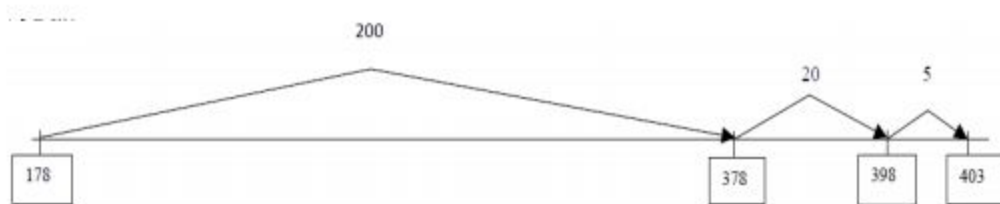
178 + 225 = ?
178 + 200 = 378
378 + 20 = 398
398 + 5 = 403

Use the table for 1-4.

Students to the Park

Day	Number of Students
Sunday	586
Monday	748
Tuesday	934
Wednesday	189
Thursday	307
Friday	847
Saturday	266

1. How many more students visited the park on Tuesday than on Wednesday?
(How many more, means I _____.)

2. How many students visited the park Monday and Friday?
(How many on _____and _____ ,means I should _____.)

3. How many more students visited the park on Friday than on Thursday?
(How many more, tells me I should _____.)

4. How many students visited the park on Saturday and on Sunday?
(How many on _____and _____ means I should _____.)

5. Ava is going to the beach. The car trip takes 56 minutes. If she stops for lunch after 18 minutes, how much time is left for the trip?
(How much is left, tells me to _____.)

6. The tallest building in our city is 435 feet tall. The second tallest building is 378 feet tall. What is the difference in the heights?
(To find the difference, I _____.)

7. Solve.

652

- 326

8. Solve.

274

+328

9. There are 16 more red apples than green apples in the school cafeteria. There are 18 green apples. How many red apples are in the cafeteria?	10. Is the sum of 385 and 457 less than or greater than 900? (To find the sum, I need to _____ the numbers together.)
	Explain how you know. _____ _____ _____ _____

The Buford concession stand sold lemonade. On Friday, 297 cups were sold. On Saturday, 467 cups were sold.

Part A

What is the difference between the number of cups sold on Friday and the number of cups sold on Saturday? Show your work.

Part B

On Sunday, 40 more cups were sold than the number of cups sold on Friday. How many cups were sold on Sunday? Justify your answer.

Answer:_____

_____

_____

Part C

What is the total number of cups sold on Friday, Saturday, and Sunday? Show your work.

Friday   _____

Saturday   _____

Sunday   _____

Additional Practice:

www.studyisland.com 3rd Grade, Numbers and Operations- b. Addition and Subtraction www.ixl.com C1, C4, C6, C9, C14	Log into Google Classroom to review notes, websites, videos, etc. *use your child's email address to log into google Example: jane.smith@bufordcityschools.org	http://interactivesites.weebly.com /subtraction.html http://interactivesites.weebly.com /addition.html

The test date is: _____
Please check your child's agenda for important information and dates.