


Dear Mercymount Families,


Research spanning 100 years has proven that students lose ground academically when they are out of school for the summer- a phenomenon known as “the summer slide.” Here are some facts about this achievement gap:

- When no work is done over the summer, it can take up to **2 months** from the first day of school for students’ brain development to get back on track.
- Teachers spend an average of **4-6 weeks reteaching** material that students have lost during the summer.
- Failing to read over the summer results in an academic loss equivalent of **2.6 months** of reading skills. Similar statistics apply to math as well.
- Third graders who can’t read on grade level are **4 times less likely to graduate** by age 18 when compared with proficient readers.
- A study conducted at Harvard’s Center for Evaluation found that reading **4 or 5 books** over the summer months had an impact on fall reading achievement comparable to attending summer school.
- **2-3 hours per week (20 minutes a day)** is all children need during the summer to prevent summer learning loss.

(<https://www.oxfordlearning.com/summer-learning-loss-statistics/>)

To help prevent “the summer slide” and to aid your child’s transition into the new school year, we appreciate your support with the following summer assignments.

Enterin g Grade...	Reading and Language Arts	Math
K	(Enter K-2) Read a book of your choice for 20 minutes for as many days as you can this summer.	Practice counting, recognizing, and writing your numbers through 20
1	Read with a parent or read by yourself. If you can’t read the words by yourself, read the pictures.	Practice counting, recognizing, and writing your numbers through 100
2	Use the attached checklist to try reading in different ways. Turn in the checklist with a parent signature during the first week of school and be ready to tell your teacher about an interesting reading experience you had over the summer.	
3	Grades 3-5 will be voting for this year’s Rhode Island Children’s Book Award. To qualify to vote, you must read at least 3 titles from the attached list. (QR Code also below)	
4	All students should be prepared to complete an assessment (test or project) of the teacher’s choosing during the first weeks of school.	(Entering 3) Any 2 books of your choice. The third book will be read during the school year.
5		(Entering 4) Any 3 books of your choice.
6	Grades 6-8 will be reading from this year’s Rhode	(Entering 5) 1. Must Read: “Some Places More Than Others” ~or~ “Willa and the Whale” 2. A picture book with a moral from the list. 3. Free Choice from the list. Complete the attached grammar packet and turn in during the first week of school.
		(Entering 2-8) Complete the attached math packet and turn in during the first week of school. All students should be prepared to complete a math assessment (test or project) during the first weeks of school that covers the same topics addressed in the packet.
		(Entering 6) Read 1 book from the
		(Entering 2-8) Complete the attached math packet and turn in

	<p>Island Middle School Book Award nominees. (QR Code below.) For the text chosen from this list, complete a project from the attached choices. For the second assigned text, no project must be completed over the summer, but students should be prepared for class discussion and an assessment during the first weeks of school.</p>	<p>attached list and complete a project from the attached choices. ~and~ <i>New Kid</i> by Jerry Craft.</p>	<p>during the first week of school. All students should be prepared to complete a math assessment (test or project) during the first weeks of school that covers the same topics addressed in the packet.</p>
7	 <p>Complete the attached grammar packet and turn in during the first week of school.</p>	<p>(Entering 7) Read 1 book from the attached list and complete a project from the attached choices. ~and~ <i>The Life of Frederick Douglass: A Graphic Narrative of a Slave's Journey from Bondage to Freedom</i> by David F. Walker</p>	
8		<p>(Entering 8) Read 1 book from the attached list and complete a project from the attached choices. ~and~ <i>Of Mice and Men</i> by John Steinbeck</p>	

**GRADE 6
SUMMER
READING
PACKET**

Middle School Summer Reading Assignment

After reading one book from the attached list, choose one project from the list below:

- **Piece of Artistic Expression:** If you are artistic or good with your hands, create a painting, sculpture, or other visual media object connected to your book. You will need to write a short summary (1 page typed) of the book and an explanation of the object and how it connects to the book you just read. I will not accept a drawn picture on a piece of notebook paper!!!
- **Character Journal:** Choose a character from your novel and write 7 journal entries from his or her point of view. Detail the thoughts and feelings of this character as he or she experiences the plot of your novel. Each entry should be about one page in length typed in 12 Times New Roman.
- **Poetry Journal:** If you enjoy writing poetry, you can write a collection of poems that chronicle your novel. You need to write at least 5 poems that correspond to characters, themes, events or other elements seen throughout your novel.
- **CD:** Imagine that you have been hired to develop a soundtrack to your book. Find at least ten songs that showcase the book's themes, settings, emotions, characters etc. You must include the following with your project: a list of the chosen songs, a brief explanation (5-7 sentences) for each song on how it relates to the book, and the lyrics for one of the songs that best represents the book. All songs and lyrics must be appropriate for school and should not contain unacceptable language or themes.
- **Video interview:** Using a recording, video a mock interview with the main character of your novel. You need to include a script written out for the interview (which is turned in with the video). This will be shown to the class.

Due Date: Tuesday, September 7th

Middle School Summer Reading Assignments

Grades 6-8 will be reading 2 books this summer. Your first book will be of your choosing from the attached Book Award Nominees List. You will then choose and complete one project from the attached list of choices. Projects will be due **Tuesday, September 7th**.

The second book will be a specific one assigned to each grade. Please see below:

6th grade will read *New Kid* by Jerry Craft.

7th grade will read *The Life of Frederick Douglass: A Graphic Narrative of a Slave's Journey from Bondage to Freedom* by David F. Walker.

8th grade will read *Of Mice and Men* by John Steinbeck.

***You will not be completing a project for this book. Instead, be prepared to have class discussions and an assessment the first two weeks of school.



Rhode Island Middle School Book Award 2022 Nominees

Please remember not all books are suitable for all readers

***Black Brother, Black Brother* By Jewell Parker Rhodes**

After Donte and his twin brother Trey start at a new school he finds he is being treated unfairly due to his dark skin color, while Trey with his lighter skin is not. Donte decides to try fencing to beat the boy who has been bullying him, and finds support and friendship at the same time.

Realistic Fiction

***Bloom* by Kenneth Oppel**

Anaya, Petra and Seth seem to be the only people immune to the toxic plants invading their Canadian island home and soon realize this rapidly spreading worldwide invasion must be stopped. With their soon-to-be-revealed hidden powers, these teens must stop this invasive, carnivorous alien plant species from destroying Earth. *Bloom* is the 1st book of Oppel's trilogy.

Sci-fi/Horror

***The Canyon's Edge* by Dusti Bowling**

One year after the death of her mother, Nora and her father go exploring canyons in the Arizona desert. Nora aches for her life to return to normal, having dealt with her father's fear and grief. But as they are exploring, a flash flood separates Nora from her dad - and wipes out all her supplies. Alone in the menacing desert, she must find her dad - if she can survive herself. **Adventure (Verse Novel)**

***City Spies* by James Ponti**

When Sara is caught hacking the NYC foster care system she expects to head to Juvie. But a man claiming to be her lawyer whisks her away to a private school in England where she begins her real education- as part of a group of international spy kids who just might save the world. **Adventure**

***Dress coded* by Carrie Firestone**

Dress Coded, is a podcast, a protest, and powerful. Molly is making eight grade girls voices heard. These girls are protesting the sexualizing of their bodies by the school administration's dress code. It's biased and unfair and everyone is going to know about it. **Realistic Fiction**

***Efrén Divided* by Ernesto Cisneros**

Although Efrén is American-born, his parents are undocumented. He worries about his parents, and his nightmare comes true when his Ama doesn't return from work and is deported across the border to Mexico. Efrén decides he must be brave and come up with a plan to keep his family together.

Realistic Fiction

***Fighting Words* by Kimberly Brubaker Bradley**

10 year-old Della is a tough kid, a survivor. She and her teenage sister, Suki, are inseparable. After escaping an abusive household, the girls find themselves in the care of their Foster mother, Francine, who proves to be exactly who they need to help them work through their trauma. This book explores the heavy topics of sexual abuse, addiction, and mental health with sensitivity, compassion, and humor. **Realistic Fiction**

***A High five for Glenn Burke* by Phil Bildner**

When sixth grader Silas Walker does a school presentation on former Major League Baseball player Glenn Burke, it's more than just a report on baseball and the inventor of the high five. Burke was a black gay baseball player in the 1970s, and for Silas, the presentation is his own first step in coming out as gay. **Realistic Fiction**

***Monstrous: The Lore, Gore and Science Behind Your Favorite Monsters* by Carlyn Beccia**

This fascinating encyclopedia of monsters dives into the history and science behind eight legendary creatures, from Bigfoot to zombies and more. Find out each monster's origin story and the real-world facts that informed it. Explore the science of each creature in fun and surprising ways.

Nonfiction

***Once Upon an Eid: Stories of Hope and Joy by 15 Muslim Voices* by S.K. Ali & Aisha Saeed**

In this own voices anthology 15 stories about Muslim children from diverse backgrounds give a glimpse into their traditions on the Islamic holidays of Eid. These stories will fill you with joy and comfort as you learn about these celebrations of family and delicious food!

Realistic Fiction (Short story anthology)

***The Only Black Girls in Town* by Brandy Colbert**

Alberta enjoys her life with her friends, her dads, and surfing, but being one of the only Black kids in town can feel isolating. When another Black family moves in across the street, she is thrilled that there is a girl her age. As they bond over shared experiences, they discover old journals in the attic that lead them into a mystery about the past. **Realistic Fiction.**

***Snapdragon* by Kat Leyh**

Snap is determined to save her dog from the town witch but when she meets Jacks she realizes that she is not who she expected. Jacks is really just a cool and creepy old lady who cares for animals and sells taxidermy roadkill on the side. They become friends when Jacks promises to teach her to care for orphaned baby opossums and Snap starts to think that maybe there was something to those "witch" rumors afterall. **Fantasy (Graphic Novel)**

***Song for a whale* by Lynne Kelley**

Iris is many things. She is a caring sister, an antique radio repairer, and Deaf. As the only Deaf student in her class, she struggles to connect with her classmates and her teachers. In science she is introduced to Blue 55, a whale with a unique song that isolates him. As Iris learns more about this whale, she enlists her grandmother, to join her on an adventure of a lifetime to help Blue 55. **Realistic Fiction**

***Superman Smashes the Klan* by Gene Luen Yang & Gurihuru**

It's 1946, and the Lee family moves from Metropolis's Chinatown neighborhood to the center of the city when Mr. Lee gets a new job. Siblings Roberta and Tommy are excited to live closer to the famed Superman. But their welcome is soured when local bigots target the Lees with violence. Luckily, they have a local hero on their side, who knows what it's like to be an outsider. **Historical Fiction (Graphic Novel)**

***Thirteens* by Kate Alice Marshall**

When 12 year old Elle's mother disappears, she is sent to live with relatives in a perfect town. She meets Pip and Otto, who share the same birthday as her, halloween. When they discover that the town has made a pact to sacrifice three 13 year olds, every 13 years, they must break the curse, or disappear forever. **Fantasy/Horror**

***Tristan Strong punches a hole in the Sky* by Kwame Mbalia**

Tristan Strong is a seventh grade boxer who has just tragically lost his best friend. So when he is sent to live on his grandparents farm in the hopes that some fresh air will do him some good, the last thing he expects is an adventure. One night Tristan chases a mysterious intruder and accidentally punches a hole into the Midpass, the world of the gods. He must repair the hole before the iron monsters can consume that world and ours. **Fantasy**

***Twins* by Varian Johnson**

Maureen and Francine are twins who do everything together, so when Francine wants to be called Fran, join different clubs and have different classes, Maureen worries they will lose their special twin bond. Will Middle school change their relationship forever? **Realistic Fiction(Graphic novel)**

***When Stars are Scattered* by Victoria Jamieson & Omar Mohamed**

Omar and his younger brother, Hassan, have spent most of their lives in Dadaab, a refugee camp in Kenya. Life is hard there: never enough food, achingly dull, and without access to the medical care Omar knows his nonverbal brother needs. So when Omar has the opportunity to go to school, he knows it might be a chance to change their future but it would also mean leaving his brother alone everyday. **Memoir(Graphic Novel)**

***A Wish in the Dark* by Christina Soontornvat**

Pong was born in a prison outside the city of Chattana. The magical lights of the city beckon, and he decides to escape. But Pong finds that the world outside is unfair, too: the rich have access to Chattana's magical light spheres, while the poor scrape by in the dark. When the prison warden's daughter Nok discovers that Pong is alive, she decides to track him down, but her hunt uncovers secrets that will change the city forever. **Fantasy**

***Zenobia July* by Lisa Bunker**

Zenobia moves to Maine to live with her aunts, where she can finally present herself as the girl she really is. But when hateful comments are posted to the school's website, Zenobia knows she can get to the bottom of it with her phenomenal hacking skills, all while she is meeting new friends, finding her home, and getting a second chance to be her real self. **Realistic Fiction**

For more information about the award, please visit
RI Middle School Book Award Home Page
<http://bit.ly/2ofCGOE>



MCDS Entering Grade 6 Summer Grammar Review Packet

Name: _____

Directions: The activities in this packet are designed to help you recall all the parts of speech and their jobs in a sentence. You have now learned nearly every part of speech! Use that prior knowledge you've gained in order to complete these exercises.

Part 1. Rewrite each sentence with the correct capitalization (Make sure you correct all errors in the capitalization of the words.!))

1. the Panama canal connects the pacific ocean to the carribbean Sea.
2. You will find the andes mountains in south america.
3. is concord the capital of new hampshire?
4. Last july the rivas family camped near the grand canyon in arizona.
5. washington d.c. is the capital of of the united states.

Part 2. Underline the subject noun in each sentence. Circle each prepositional phrase.

1. Sarah likes playing with her classmates at school.
2. Josh eats pizza in school every Friday.
3. Dad puts Joe on the bus each day.
4. Do you know Tim down the street?
5. Shoes are hard to find in her size.

Part 3. Underline the verb phrase in each sentence, and then circle which word (or words) in the verb phrase are the helping verb(s). (Remember, in a question the verb can be broken up by the subject!)

1. We might search for diamonds in Arkansas!
2. Nathan has been packing popcorn at the factory for thirty years.
3. Have you driven through the wheat fields of Kansas?
4. Former President Carter was born in Georgia.
5. People in Maine have been building ships for years.

Part 4. Write five of your own sentences with only a being verb in them as the verb in the sentence. Make sure it is a complete sentence and that you aren't using action verbs!

- 1.
- 2.
- 3.
- 4.
- 5.

Part 5. Circle the adverb(s) in each sentence.

1. Yesterday the wind blew hard.
2. It swept away my homework!
3. I will smooth my hair later.
4. Please run quickly to the store.
5. Now it has calmed nicely.

Part 6. Write the past tense and then the past participle for each action verb below:

	PAST	PAST PARTICIPLE
1. Eat	_____	_____
2. Draw	_____	_____
3. See	_____	_____
4. Fly	_____	_____
5. Forget	_____	_____

Part 7. Place commas and quotation marks where they are needed in the following sentences.

1. Juan asked Is the melioration of swelling important?
2. Keep trying said Ms. Hoo and you will learn.
3. Did she ever succeed? Asked Liz.
4. Liz said Long and complicated sentences confuse me.
5. Besides she added diagramming sentences hurts my brain.

Part 8. Now write five of your own sentences using at least one prepositional phrase in each sentence. Then underline the prepositional phrases in your sentences.

- 1.
- 2.
- 3.
- 4.
- 5.

Part 9. Read the paragraph written below. Label every word in each sentence with its correct part of speech. Before you get started, fill in the missing parts of the chart here in order to help you review parts of speech and what they do in a sentence. Remember that some words can be more than one part of speech in the English language, so you need to read the sentence and know the job of that word in the sentence in order to really know which part of speech label it needs!

Part of speech	Job in the Sentence	Some examples
Nouns	Subject nouns: Object nouns:	Some common nouns: Some Proper Nouns
Verbs		Some being verbs: Some action verbs:
Adjectives		Some Descriptive adjectives: Some Possessive adjectives: The demonstrative adjectives are: _____, _____, _____, _____)
Adverbs		Adverbs of time: Adverbs of manner: Adverbs of place:
Articles		
Pronouns		Some subject pronouns: Some object pronouns:
Prepositional Phrases		

The chickens have escaped from the barn! The farmer and his wife chase the chickens rapidly. They are in the field near the river. Now the chickens are hungry and want their dinner. In a flash, Sam, the farmer's son, rescues the chickens from the river and returns them to the barn. Wow! This day was an adventure in the making!

Math Packet Work
Entering Grade 6, MCDS

Name: _____

Directions: There are 50 problems here, from past workbook pages this year. Complete each problem and show your work. Don't do them all at once! Ideally, spread the work out over the summer months, doing a few problems each week and looking over past problems to keep the concepts in your mind. This provides a comprehensive review of this year's math concepts to ensure you don't forget before entering 6th grade. Also, remember that the typed notation might look a bit different (ex= 10^5 means 10 to the fifth, or 10 with an exponent of 5; $9/10$ is the fraction "nine-tenths" typed in doc form.) Do your best and use your amazing brain to access your prior knowledge. Enjoy!

1. WB p.1, #12 Write the word form of 750,000,000,000 _____
2. WB p. 3, #8 Write in Standard Form: $600,000 + 500 + 10 + 6$ _____
3. WB p. 5, #5 240×10^2 (that is 10 to the power of 2!) = _____
4. WB p. 5, #6 30,000,000 divided by 10^4 = _____
5. WB p. 11 #2 What property is shown by $72 + (8+9) = (72+8) + 9$? _____
6. WB p. 17 # 12 Write this in standard form: three and three thousandths _____
7. WB p. 22 # 12 Order the decimals from least to greatest
 $25.387, 25.70, 25.095$ _____ < _____ < _____
8. WB p. 28 #8 I am a number greater than 13 and less than 15. My digits are all odd and none of my digits are the same. My thousandths digit is my greatest digit. My hundredths digit is greater than the tenths digit. What number am I?

9. WB p. 31 #6 Complete the number sentence to show the
Associative Property of Multiplication: $(3 \times 1) \times 8 =$ _____ \times (_____ \times _____)
10. WB p. 33 #5 Complete the math pattern to find all the products:
 $40 \times 60 =$ _____ $400 \times 60 =$ _____ $4000 \times 60 =$ _____
11. WB p. 45 #14 $550 \times 53,281 =$ _____

(show your work!)

12. WB p.49 #4 Complete the division pattern to find all the quotients:

27,000 divided by 3 =

27,000 divided by 30 =

27,000 divided by 300 =

27,000 divided by 3000 =

13. WB p. 51 #12 (part of it...) 24,846 divided by 51 IS equal to about 500. Use compatible numbers to explain why. _____

14. WB p. 57 #4 Which numbers are divisible by 5 and 6? Select all that apply!

___ 50

___ 122

___ 450

___ 971

___ 2280

___ 4921

___ 5250

___ 9605

___ 57,230

___ 80,688

___ 93,936

___ 560,730

15. WB p. 63 #8 5861 divided by 31= (write it out and show your work)

16. WB p. 69 #15 (5×9) divided by 5 + $(8$ divided by 8) =

17. WB p. 71 Part 1: How is an "operation" different from an "expression?"

18. Now, write an expression to represent the situation (WB p. 71, #5) Marla has 2 pennies, 4 quarters, and 5 dimes. Write an expression that represents how much money Marla has: _____

19. WB p. 74 # Choose correct prime factorization of 126, and choose all that apply.

$2 \times 9 \times 7$

$2 \times 3 \times 3 \times 7$

$2 \times 3^2 \times 7$

$2^2 \times 3 \times 7$

$3 \times 4 \times 2 \times 3$

$7 \times 3 \times 2 \times 3$

20. WB p. 76 #7-9 Find the GCF's of these sets of numbers (list the factors to find what you need to know!)

16 and 28

Common Factors:

GCF=

8 and 24

Common Factors:

GCF=

Part 10. Now you get to write your own story! Use your imagination and follow these requirements: Your story must have at least 5 being verbs, 10 action verbs, 3 adverbs and 16 adjectives, along with at least 8 prepositional phrases. Have fun!

8 and 28

Common Factors:

GCF=

21. WB p. 75 What is the difference between common factors and common multiples?

22. WB p. 79, #7 List the first four common multiples of 2 and 7.

Multiple of 2:

Multiples of 7:

1st 4 common multiples:

NOW, Tell how that information would help you find a common denominator in order to add $\frac{1}{2} + \frac{4}{7}$: _____

23. WB p. 85 #14-18. Write each fractions as a whole number or a mixed number in simplest form. $\frac{8}{5}$ $\frac{11}{7}$ $\frac{28}{3}$ $\frac{26}{7}$ $\frac{7}{6}$

24. WB p. 87 #4 Compare, write $>$, $<$, or $=$

$\frac{12}{8}$ _____ $1\frac{2}{3}$

25. WB p. 89 Interpret a Remainder: A contractor is installing 35 new windows in a house. The windows come in sets of 4. How many sets must be ordered? Explain.

26. WB p. 97 #6 Add the following fractions and mixed numbers to get one sum.

$7\frac{1}{6} + \frac{1}{3} + 2\frac{1}{4} =$ (hint: align vertically and find the common denominator!)

27. WB p. 101 #6 The first level of a house is $10\frac{4}{9}$ feet tall. The second level of the house is $13\frac{1}{3}$ feet tall. What is the total height of the house?

28. WB p. 103 #25 Rename the Mixed Number Sum

$$\frac{1}{3} + 5\frac{1}{4} + \frac{5}{6} =$$

29. WB p. 115 #14 Subtract: $5\frac{1}{6} - 3 =$

30. WB p. 117 #7 Subtract: $7\frac{5}{6} - 4\frac{2}{3} =$

31. WB p. 124 #12 A metal worker is connecting two pipes. One pipe is $3\frac{2}{3}$ ft. The length of the two pipes put together is $5\frac{5}{6}$ feet. How long is the second pipe?

32. WB p. 129 What is $\frac{5}{6}$ of 9 (so, $\frac{5}{6} \times 9 =$ _____)

33. WB p. 131 #10 Find the product, and then explain how you knew the product would be a value less than the first factor. $\frac{2}{3} \times \frac{2}{3} =$

Explanation: _____

34. WB p. 133 #8 Follow the rule to find the greatest common factors of numerators and denominators in order to simplify before multiplying these fractions. This will help you solve the equation. $\frac{5}{12} \times \frac{6}{25} =$

35. WB p. 135 # 21 Rename this mixed number as an improper fraction: $2\frac{11}{18} =$

36. WB p. 139 #17 Multiply (remember to rename the mixed number as an improper fraction first!) Then give the product in simplest form.

$$\frac{3}{7} \times 14 \frac{1}{9} =$$

37. WB p. 144 #4 Find the area of a rectangle with these measurements:

$$3 \frac{1}{3} \text{ ft by } 5 \frac{1}{4} \text{ feet. Area} =$$

38. WB p. 151 Reciprocals #21-24 Write the reciprocal of these fractions:

$$\frac{9}{10} \quad \frac{7}{12} \quad \frac{9}{5} \quad \frac{14}{9}$$

39. WB p. 157 #16 Solve the division problem (remember, you must multiply by the reciprocal!) $11/5$ divided by $6 =$

40. WB p. 163 # 4-5 Bradley feeds his fish $\frac{3}{4}$ of a scoop of food twice a day. The box of fish food will fill 24 full scoops. How many days can Bradley feed his fish with the one box of fish food? Show your work and how you solve! (use a chart?)

41. WB p. 177 #3 Combine the decimal addends to find the correct sum.

$$42.75 + 50.8 = \underline{\hspace{2cm}} \quad (\text{align vertically to solve; show work!})$$

42. WB p. 180 # 3 Add the money amounts to find the whole sum:

$$\$74.53 + \$41.40 + \$39.39 =$$

43. WB p. 190 #6 Subtract the money amounts to find the difference:

$$\$67.43 - \$58.44 =$$

44. WB p. 195 # 8 Multiply by Powers of 10 $0.009 \times 10^6 =$

45. WB p. 207 # 8 Multiply decimals by decimals. (Remember the rule to count the number of decimal places in both factors and then mark off that many decimal places, in all, in the product). $2.87 \times 4.35 =$ (align, do your multi-digit multiplication, and then show your product with the correct decimal placement)

46. WB p. 215 # 9 Divide by powers of 10
 $8,752,000$ divided by $10^5 =$

47. WB p. 225 #6 Zeros in Decimal Quotients
Solve: 1.28 divided by 16

48. WB p. 228 # 5 Division with money
Solve: $\$80.85$ divided by 55

49. WB p. 235 # 11 Divide a decimal by a decimal
Solve: 6.45 divided by 0.75

50. WB p. 245 #10-12 Metric Unit Equivalents

$1200\text{mm} = \underline{\hspace{2cm}}\text{m}$

$825\text{cm} = \underline{\hspace{2cm}}\text{mm}$

$4.1\text{m} = \underline{\hspace{2cm}}\text{cm}$

51. WB p. 252 #4 Compute with metric unit conversions

$4321\text{cg} - 231.2\text{mg} = \underline{\hspace{2cm}}\text{g}$ (remember to convert units first to subtract with like units, then convert again to get the answer into the correct unit)

52. WB p. 257 Draw a regular octagon, and describe in a sentence what makes it an octagon and what makes it regular.

53. WB p. 259 What are the ways you can classify a triangle? By its _____ and its _____. Now, draw an isosceles and right triangle.

54. WB p. 261 # 6 What can you call a parallelogram with four right angles?

55. WB p. 269 #2 What is the geometric name for the solid figure shape of a can of soup? _____

56. WB p. 276 #1 Volume Formula $L \times W \times H$

Calculate the volume of a cube that measures 5ft by 5 ft by 5 ft.

57.WB p. 294 #6 Make a table and then a graph from the information in this word problem. Then answer the question in the word problem about the truck running out of gas. (hint: use a different color pencil for two different trucks on the graph.)

A large fire truck carries 2000 gallons of water and pumps 250 gallons every minute. A smaller fire truck carries 1000 gallons of water and pumps 95 gallons every minute. During a fire, both start pumping water at the same time. Which truck runs out of water first, and how long does it take for that to happen?