



Welcome parents and students to Team Griffin!!! We are looking forward to a GREAT new year!!

Here are a few things we thought you might need before August:

Team Griffin Google Classroom (our team page for announcements & updates):

**Code: x3hehr**

Team Griffin Remind (to receive text reminders about assignment and about deadlines):

**Text @dk7cach to 81010 We strongly encourage you to join our remind.**

**Team GRIFFIN Supply List**

- 2 composition books (string tied) *one for math and one for Science*
- 4 three ring binders 1½-2 inch: *Different colors, one for each class*
- Dividers for each 3 ring binder
- Ear buds (required)
- Glue sticks
- Notebook paper
- Colored pencils
- Highlighters
- Pencil pouch that fits

in binder w/PENCILS

- Scissors (*small to fit in pencil pouch*)
- Tape
- hand held pencil sharpener

**Wish List**

- ✓ Kleenex
- ✓ Clorox Wipes (Clorox works best)
- ✓ Ziploc bags (sandwich, quart and gallon sizes)
- ✓ Hand sanitizer

## Conferences

7th grade has 2nd connections in the morning. We are always happy to meet with our parents and we are available to set up meetings on Monday's, Wednesdays, and Fridays from 10:30-11:20 AM. All other times we have students with us and will not be able to meet with you.

## Parent Portal

PLEASE check parent portal often. The best way to stay on top of your child's grades is to check your own parent portal. Your child also has a student portal so if you are unable to check your parent portal have him/her give you his/her sign in information. The portal also shows you your child's attendance, schedules and demographics.

The best way to reach us is email. We check our emails often throughout the day and can reply relatively quickly. Phone calls may not be returned until the following day.

## Technology

We all use technology in our classrooms. We all use IXL and other online software that requires students to complete assignments on the computer. While we give time at school to complete these assignments, if students do not use time wisely or if they are absent, they are still responsible for completing assignments.

## Attendance

Being at school is very important. Often students do not do well because they miss important instruction due to attendance. Please make every effort to have your child at school. If a student must be out, please notify the homeroom teacher as soon as possible and send excuses promptly. 7th grade is about responsibility and we hold each student to the policy of missing work. Each teacher has a place in class for students' missing assignments. It is the responsibility of the student to get that work when he/she returns to school. It is the responsibility of the student to turn that work in. Parents may request missing work if a student will be out more than 2 days. We will be happy to provide that for parents to pick up. We want every student to be successful.

## Summer Homework

Both Math and ELA have required summer work. This summer all upcoming 7th graders must READ READ READ!! We would like for your child to choose books this summer and we sent a letter home a couple of weeks ago about using the public library for books, and the page requirements for each grade. Paperwork for both Math and ELA are attached to this newsletter.

We look forward to having you as part of our team!!

emails:

Ms. Faust: [faustbi@lee.k12.ga.us](mailto:faustbi@lee.k12.ga.us)  
Ms. Smith: [smithju@lee.k12.ga.us](mailto:smithju@lee.k12.ga.us)  
Ms. Coleman: [colemanly@lee.k12.ga.us](mailto:colemanly@lee.k12.ga.us)

All rising 6th, 7th, and 8th grade LCMSW students will be expected to read over the summer.

- 5th Grade: 800 pages
- 7th Grade: 1000 pages
- 8th Grade: 1200 pages

You can document these books digitally and submit via Google classroom, or you can print and hand in to your ELA teacher on the first day of school. **This will be your first grade in ELA/Reading for the 2019-2020 school year.**

**Google Classroom Code:**

Team Griffin	x3hehr
ELA 1 <sup>st</sup> period	vrb6g84
ELA 2 <sup>nd</sup> period	ls8m3ju
ELA 3 <sup>rd</sup> period	sqrfnvu

**FREE** ways to access text over the summer:

<p><b>Get Georgia Reading</b></p>	<p>Go to <a href="http://www.myon.com/login/index.html">www.myon.com/login/index.html</a> and enter your login information:</p> <ul style="list-style-type: none"> <li>o School Name: <b>Get Georgia Reading</b> (type the first few letters and select from the drop-down menu)</li> <li>o Username: <b>leecounty</b></li> <li>o Password: <b>read</b></li> <li>• <b>Click the Sign In button.</b></li> <li>• <b>Select a book and start reading!</b></li> </ul>
<p><b>RBDigital</b></p>	<p>Check with Lee County Public Library - Digital library books</p>
<p><b>GaPines</b></p>	<p>Check with Lee County Public Library - Request checkouts of digital and text resources</p>
<p><b>Local Library</b></p>	<p>Check with Lee County Public Library</p>

**Additional Resources:**

<p><a href="http://uga.readingprograms.org/ms">http://uga.readingprograms.org/ms</a></p>	<p>UGA Speed Reading and Study Skills Program for Entering 6th-8th</p>
<p><a href="https://www.summerlearning.org/?page=know_the_facts">https://www.summerlearning.org/?page=know_the_facts</a></p>	<p>National Summer Learning Association</p>
<p><a href="https://lexile.com/parents-students/find-books-at-the-right-level/building-a-summer-reading-list/">https://lexile.com/parents-students/find-books-at-the-right-level/building-a-summer-reading-list/</a></p>	<p>Lexile Resources</p>

**STOP SUMMER SLIDE WITH SUMMER READING**

Summer vacation means more than just fun in the sun. When students head out of the classroom and take a break from the books, they risk serious summer learning loss that can negatively impact long-term academic achievement.

**THE SUMMER SLIDE**

**2-3 MONTHS**  
Reading development lost by students who don't read over summer vacation

**3 MONTH GAP**  
Summer vacation creates a reading achievement gap between students from low and middle-income families.

**2 YEARS BEHIND**  
Over time, these lost months add up to years. By the end of 5th grade, students who don't read during the summer fall nearly 2 years behind those who do.

**63%** of students prefer **PRINT BOOKS** by summer according to a recent study.

**68%** of low-income students, who often lack access to books, are most likely to fall behind their peers.

**71%** of students who read during the summer months maintain reading proficiency, unlike 71% of students who don't.

**4 TO 6 BOOKS**  
read over summer vacation has the potential to STOP the slide.

**FORTUNATELY**  
RESEARCH POINTS TO A SOLUTION.

**OR EVEN REVERSE the summer slide.**

**Discover the Summer Reading Program from Booksource.**  
Visit [www.booksource.com/summer-reading](http://www.booksource.com/summer-reading) or call 800.444.0435 and keep your students reading and achieving—all year long!

**BOOKSOURCE**  
CLASSROOM LIBRARIES TO KNOWLEDGE

Book 1  
 Title: \_\_\_\_\_  
 Author: \_\_\_\_\_  
 Pages: \_\_\_\_\_  
 The best character of this book was \_\_\_\_\_  
 because \_\_\_\_\_

Book 2  
 Title: \_\_\_\_\_  
 Author: \_\_\_\_\_  
 Pages: \_\_\_\_\_  
 I would or would not recommend this book because \_\_\_\_\_

*Book 3*

Title: \_\_\_\_\_

Author: \_\_\_\_\_

Pages: \_\_\_\_\_

The most surprising part of the book was when

\_\_\_\_\_

\_\_\_\_\_

because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Book 4*

Title: \_\_\_\_\_

Author: \_\_\_\_\_

Pages: \_\_\_\_\_

My favorite or least favorite scene/aspect of this book was

\_\_\_\_\_

\_\_\_\_\_ because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Book 5*

Title: \_\_\_\_\_

Author: \_\_\_\_\_

Pages: \_\_\_\_\_

When I finished reading this book I felt

\_\_\_\_\_ because \_\_\_\_\_

\_\_\_\_\_



## Team Griffin Summer Math Packet

Welcome to Math with Mrs. Faust!! We are going to have an awesome year, and I can't wait to get started! This packet will help you stay fresh over the summer, and be ready to start on 7th grade Math! All of the work in this packet is due on the first day of school, **Wednesday August, 7 2019**. Your first project is also included that is due on **Friday August 9, 2019**. I hope that you have a safe and relaxing summer, and I look forward to seeing you in August!

# Addition & Subtraction of Fractions & Mixed Numbers

## Adding & Subtracting Fractions

1. Find a common denominator.
2. Add or subtract the two numerators and keep the denominator the same.
3. Simplify the answer and/or change improper fraction answers to mixed numbers.

ex:  $\frac{1}{3} + \frac{1}{6}$

$$\begin{array}{r} \frac{1}{3} \times \frac{2}{2} = \frac{2}{6} \\ + \frac{1}{6} \times \frac{1}{1} = \frac{1}{6} \\ \hline \frac{3}{6} \div \frac{3}{3} = \frac{1}{2} \end{array}$$

## Adding Mixed Numbers

1. Find a common denominator.
2. Add the two numerators and keep the denominator the same.
3. Add the whole numbers.
4. Simplify the answer and/or change improper fraction answers to mixed numbers.

ex:  $2\frac{3}{4} + 1\frac{2}{3}$

$$\begin{array}{r} 2\frac{3}{4} = 2\frac{9}{12} \\ + 1\frac{2}{3} = 1\frac{8}{12} \\ \hline 3\frac{17}{12} = 4\frac{5}{12} \end{array}$$

## Subtracting Mixed Numbers

1. Find a common denominator.
2. Subtract the two numerators and keep the denominators the same. If the top numerator is smaller than the bottom numerator, borrow from the whole number and rename the top fraction.
3. Subtract the whole numbers
4. Simplify the answer.

ex:  $3\frac{1}{4} - 1\frac{1}{3}$

$$\begin{array}{r} 3\frac{1}{4} = 2\frac{3}{4} + \frac{12}{12} = 2\frac{15}{12} \\ - 1\frac{1}{3} = 1\frac{4}{12} = 1\frac{4}{12} \\ \hline 1\frac{11}{12} \end{array}$$



Find the sum. Write your answer in simplest form.

1. $\frac{1}{4} + \frac{1}{2}$	2. $\frac{2}{5} + \frac{1}{3}$	3. $\frac{7}{15} + \frac{3}{10}$	4. $\frac{11}{28} + \frac{4}{7}$
5. $\frac{3}{4} + \frac{1}{12}$	6. $\frac{9}{10} + \frac{13}{20}$	7. $4\frac{15}{16} + 7\frac{3}{4}$	8. $2\frac{16}{25} + 3\frac{18}{20}$
9. $3\frac{2}{5} + 9\frac{1}{10}$	10. $6\frac{1}{42} + 4\frac{5}{6}$	11. $18\frac{7}{9} + 16$	12. $4\frac{7}{8} + \frac{1}{3}$

Find the difference. Write your answer in simplest form.

13. $\frac{7}{8} - \frac{1}{4}$	14. $\frac{13}{15} - \frac{1}{3}$	15. $\frac{7}{9} - \frac{2}{6}$	16. $\frac{21}{24} - \frac{3}{8}$
17. $\frac{3}{14} - \frac{1}{7}$	18. $\frac{9}{10} - \frac{1}{2}$	19. $9 - 4\frac{1}{12}$	20. $12\frac{18}{25} - 8\frac{4}{5}$
21. $5\frac{8}{9} - 3\frac{2}{3}$	22. $8\frac{12}{16} - 7\frac{31}{32}$	23. $10\frac{3}{4} - 6\frac{4}{5}$	24. $13\frac{7}{8} - \frac{10}{12}$

# Multiplication & Division of Fractions & Mixed Numbers

## Multiplying Fractions & Mixed Numbers

1. Turn any mixed numbers and whole numbers into improper fractions.
2. Cross-simplify if possible.
3. Multiply the numerators and then multiply the denominators
4. Simplify the answer and/or change improper fraction answers to mixed numbers.

ex:  $2\frac{1}{4} \cdot \frac{1}{3}$

$$\begin{array}{c} 3 \\ \cancel{3} \end{array} \frac{1}{4} \cdot \frac{1}{\cancel{3}_1} = \boxed{\frac{3}{4}}$$

## Dividing Fractions & Mixed Numbers

1. Turn any mixed numbers and whole numbers into improper fractions.
2. Keep the first fraction the same, change the division to multiplication, and flip the second fraction to its reciprocal.
3. Multiply the fractions.
4. Simplify the answer and/or change improper fraction answers to mixed numbers.

ex:  $7 \div 1\frac{3}{4}$

$$\frac{7}{1} \div \frac{7}{4}$$

$$\begin{array}{c} \downarrow \\ \cancel{7}_1 \cdot \frac{4}{\cancel{7}_1} = \frac{4}{1} = \boxed{4} \end{array}$$

Find the product. Write your answer in simplest form.

25. $\frac{1}{8} \cdot \frac{1}{7}$	26. $\frac{2}{9} \cdot \frac{12}{14}$	27. $\frac{7}{12} \cdot \frac{8}{14}$	28. $\frac{9}{24} \cdot \frac{16}{81}$
29. $\frac{3}{14} \cdot \frac{21}{33}$	30. $\frac{1}{2} \cdot \frac{9}{13}$	31. $2\frac{1}{6} \cdot \frac{3}{5}$	32. $8\frac{4}{5} \cdot 1\frac{5}{11}$
33. $2\frac{1}{2} \cdot \frac{2}{5}$	34. $9\frac{2}{3} \cdot 6$	35. $13\frac{1}{3} \cdot 2\frac{1}{10}$	36. $7 \cdot \frac{1}{3}$

Find the quotient. Write your answer in simplest form.

37. $\frac{5}{6} \div \frac{1}{4}$	38. $\frac{1}{2} \div \frac{1}{4}$	39. $\frac{3}{4} \div \frac{9}{12}$	40. $\frac{21}{35} \div \frac{7}{25}$
41. $\frac{6}{7} \div 3$	42. $\frac{2}{11} \div \frac{1}{33}$	43. $1\frac{1}{4} \div 2\frac{1}{3}$	44. $5\frac{3}{6} \div 3$
45. $10\frac{1}{4} \div \frac{2}{5}$	46. $3\frac{2}{3} \div 1\frac{1}{7}$	47. $4\frac{3}{8} \div \frac{9}{10}$	48. $8 \div \frac{3}{4}$

# Operations with Decimals

## Adding & Subtracting Decimals

1. Write the problem vertically, lining up the decimal points.
2. Add additional zeroes at the end, if necessary, to make the numbers have the same number of decimal places.
3. Add/subtract as if the numbers are whole numbers
4. Bring the decimal point straight down

ex:  $10.03 + 5.2$

$$\begin{array}{r} 10.03 \\ + 5.20 \\ \hline 15.23 \end{array}$$

## Multiplying Decimals

1. Write the problem vertically with the numbers lined up to the right. The decimal points do NOT need to be lined up.
2. Ignore the decimals and multiply as if the numbers are whole numbers.
3. Count the total number of decimal places in the factors and put a decimal point in the product so that it has that same number of decimal places.

ex:  $1.03 \times 2.8$

$$\begin{array}{r} 1.03 \rightarrow 2 \text{ decimal places} \\ \times 2.8 \rightarrow 1 \text{ decimal place} \\ \hline 824 \\ + 2060 \\ \hline 2884 \end{array} \rightarrow \begin{array}{r} 3 \text{ decimal places} \\ \downarrow \\ \boxed{2.884} \end{array}$$

## Dividing Decimals

1. Write the dividend under the long division symbol and the divisor to the left of it.
2. Move the decimal point in the divisor after the number to turn it into a whole number and then move the decimal in the dividend the same number of places. Then bring it up.
3. Divide as if the numbers are both whole numbers.
4. Annex zeros in the dividend as needed until there is no remainder. If your answer is a repeating decimal, write the answer using bar notation.

ex:  $25.3 \div 0.3$

$$\begin{array}{r} \boxed{84.\bar{3}} \\ 0.3 \overline{) 25.3} \\ \underline{-24} \phantom{0} \\ 13 \\ \underline{-12} \\ 10 \\ \underline{-9} \\ 1 \end{array}$$

Find the sum or difference.

49. $6.2 + 3.4$	50. $8.04 - 6.8$	51. $12.4 + 0.899$	52. $12.9 - 2.043$
53. $163.29 + 13.987$	54. $13 - 6.7$	55. $3.91 + 1.93$	56. $34.2 - 29.027$

Find the product.

57. $9.2 \cdot 3.1$	58. $(14.1)(2.7)$	59. $91 \times 4.5$	60. $82.04 \times 1.2$
61. $(1.1)(6.78)$	62. $45 \cdot 0.1$	63. $0.010 \times 13.9$	64. $(2.34)(5.6)$

Find the quotient.

65. $8.4 \div 2$	66. $1.56 \div 1.3$	67. $7.45 \div 2$	68. $9 \div 0.8$
69. $68 \div 3.4$	70. $9.4 \div 0.2$	71. $0.045 \div 0.15$	72. $4 \div 0.3$

# Geometry

## Area Formulas

\*\*\* Remember that area is the space *inside* a figure! \*\*\*

- Area of a Rectangle = length x width
- Area of a Parallelogram = base x height
- Area of a Triangle =  $\frac{1}{2}$  base x height
- Area of a Circle =  $\pi \times \text{radius}^2$

## Perimeter Formulas

\*\*\* Remember that perimeter is the distance *around* a figure! \*\*\*

- Perimeter of Any Polygon: add up all of the side lengths
- Circumference of a Circle =  $2 \times \pi \times \text{radius}$

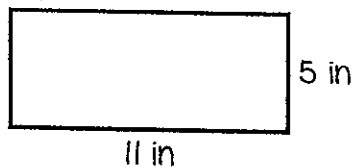
## Volume Formula

\*\*\* Remember that volume is the capacity of a 3D figure! \*\*\*

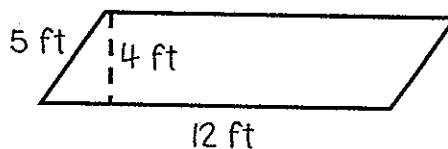
- Volume of a Rectangular Prism: length x width x height

Find the area and perimeter (or circumference) of each figure. Use 3.14 for  $\pi$ .

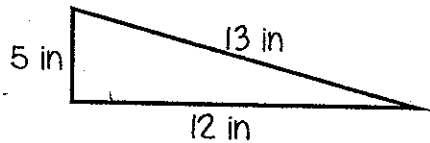
73.



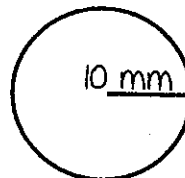
74.



75.

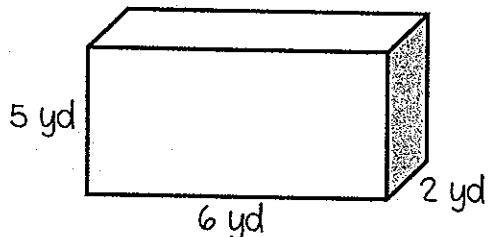


76.



Find the volume.

77.



Solve each word problem.

78. Danny is installing a fence around his rectangular yard. His yard is 20 feet long by 45 feet wide. If the fencing he picked out costs \$25 per foot, how much money will Danny spend on the fence?

79. Tameka wants to put a carpet in her rectangular bedroom. Her room is 22 feet long by 18 feet wide. How much carpeting will Tameka need?

80. Don wants to bring some sand home from his vacation at the beach. He has a box that is 3 inches wide, 4 inches long, and 2 inches tall. How much sand can he fit in the box?

# One-Step Equations

## Addition Equations

Subtract the number being added to the variable from both sides of the equation

$$\begin{array}{r} \text{ex: } 4 + x = 18 \\ -4 \quad -4 \\ \hline x = 14 \end{array}$$

## Subtraction Equations

Add the number being subtracted from the variable to both sides of the equation

$$\begin{array}{r} \text{ex: } 20 = a - 5 \\ +5 \quad +5 \\ \hline 25 = a \rightarrow a = 25 \end{array}$$

## Multiplication Equations

Divide both sides of the equation by the number next to the variable

$$\begin{array}{r} \text{ex: } 7b = 28 \\ \hline b = 4 \end{array}$$

## Division Equations

Multiply both sides of the equation by the number under the variable

$$\begin{array}{r} \text{ex: } 5 \cdot \frac{n}{5} = 10 \cdot 5 \\ \hline n = 50 \end{array}$$



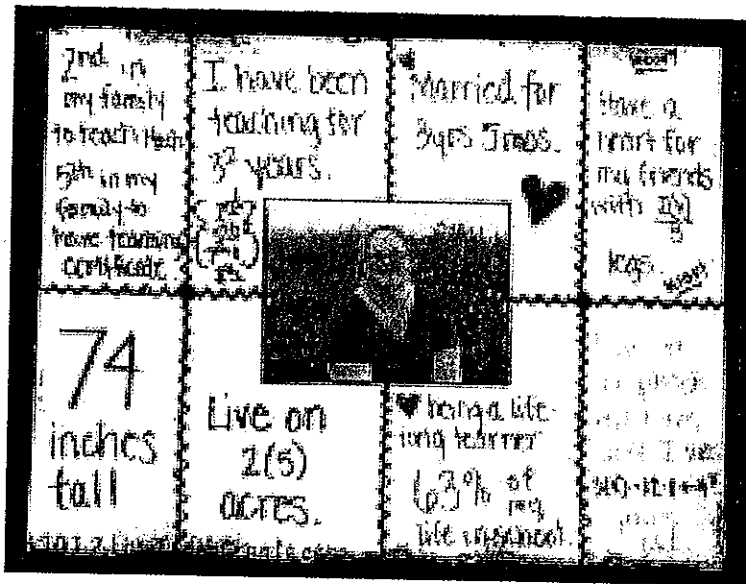
Solve each one-step equation for the given variable.

81. $x + 18 = 32$	82. $18f = 720$	83. $h - 56 = 57$	84. $\frac{b}{6} = 12$
85. $12 = r - 76$	86. $33 + d = 65$	87. $14m = 42$	88. $10c = 5$
89. $38 = 19j$	90. $w + 65 = 100$	91. $r - 7 = 9$	92. $x \div 12 = 9$
93. $14 + x = 18$	94. $\frac{p}{22} = 7$	95. $47 = x - 5$	96. $k + 16 = 76$
97. $2 = 6m$	98. $t - 8 = 14$	99. $\frac{h}{19} = 11$	100. $47 = 18 + b$

# Math About Me

It's fun to think of math as it relates to our lives.

**Task:** Create a poster about yourself that features numbers and math. The poster must contain at least 8 facts about you that relate to numbers and the concepts of math that are built into your everyday life. At least 4 of your facts must involve a calculation.



You Need:

- 8 facts (4 requiring a calculation)
- Bold/Colorful numbers
- Be Creative!

Examples of facts with calculations- your age in months, your age in years, percent of your life that has been in school, part of the fraction you are of your family, year you were born in expanded form, addition equation to show your age

**\*Due: Friday, August 9th\***

## Math About Me Rubric

Category	4	3	2	1
Facts	The poster contains at least 8 facts and at least 4 of the facts contain extended thinking.	The poster contains at least 8 facts and at least 2 of the facts contain extended thinking.	The poster contains at least 8 facts, but the extended thinking facts are not included.	The poster does not contain the needed facts.
Calculations	The student uses various types of calculations. All four are different.	3 of the 4 calculations are different.	2 of the 4 calculations are different.	The student uses the same calculations repetitively.
Numbers are Bolded	The numbers about the student are bolded and easy to read on the poster.			The numbers about the student are not easy to read on the poster.
Neatness/ Effort	The student goes beyond the requirements. It is obvious that the student has put a lot of time and effort into the project.	The project was completed with a fair amount of effort, but the quality is not what the student is capable of. It is evident that the work was rushed.	The project was completed with little to no effort. It is evident that the work was rushed and little time was spent on the final product.	The project was completed with no effort. It is evident that the work was rushed and little time was spent on it. Work is incomplete.
Creativity	The student is unique in his/her mathematical thinking, and the poster is exceptionally creative and visually appealing.	The student is creative in his/her mathematical thinking. The poster is creative and visually appealing.	The student is fairly creative in his/her mathematical thinking. The poster is fairly creative.	The student is not creative in his/her mathematical thinking, and the poster is very generic.

Score: \_\_\_\_\_ x 5 = \_\_\_\_\_ /100

