

# Summer Reading

## Students Entering 5<sup>th</sup> Grade

Dear Student and Parent,

Welcome to fifth-grade! I look forward to meeting you all next year. Strong readers build better skills by reading every day. I hope that you set aside as much time as you can over the summer to read; however, my minimum suggestion would be at least 20 minutes per day. While I recognize that summer fun does not always allow for that, I really hope you can make a diligent effort. You can read alone, with a family member, and you can even listen to books! If you listen to books, please make sure you follow along in a book. We ask that you read **two required** books over the summer and keep a log of any additional reading you do. The first required book is Wonder by R.J. Palacio, and I ask you to ensure a complete understanding of the story at the start of the school year. Some of our "beginning of the year" activities will connect to Wonder. Maybe you would enjoy watching the movie with your family too! Your second book should be a book choice you make that is appropriate for you. Please make sure it is a chapter book that challenges and engages you. In addition to these two books, please utilize the reading log I have included and record everything you read. If you run out of space, feel free to add more books to a separate piece of paper. Your reading log will be turned in on the *first day of school*. I hope you enjoy Wonder as much as I did.

Please read through the packet carefully. If you have any questions, feel free to contact me by email.

Happy Reading,  
Mrs. Reese  
areese@hollandhall.org

## Reading Log

Please keep a list of books you read this summer.

Book Title/Author	Easy/Just Right/Challenging
<u>Wonder</u>	
2nd Required book (self choice): _____	

## Book List for additional reading (2 additional books recommended beyond the required books)

### Realistic Fiction

*One for the Murphys*  
*Inside Out and Back Again*  
*Close to Famous*  
*Small as an Elephant*  
*11 Birthdays*  
*Out of My Mind*  
*Ida B.*  
*Running Dream*  
*Blended*  
*The Thing About Jellyfish*  
*Stargirl*  
*Freak the Mighty*

### Mystery

*Storm Runners*  
*Spiderwick Chronicles*  
*Eleven*  
*Danger Box*  
*Mysterious Benedict Society*  
*Three Times Lucky*  
*Westing Game (Also a classic)*  
*The Egypt Game*  
*Alex Rider (series)*  
*Chasing Vermeer*  
*Insignificant Events in the Life of a Cactus*  
*The Girl in the Locked Room: A Ghost Story*  
*The Night Gardener*  
*Swindle*  
*Murder is Bad Manners*

### Fantasy

*Gregor the Overlander*  
*Nuts to You*  
*Tuesdays at the Castle*  
*Peter Nimble and the Fantastic Eyes*  
*Snicker of Magic*  
*One and Only Ivan*  
*Percy Jackson and the Olympians (series)*  
*Harry Potter (series)*  
*Ranger's Apprentice (series)*  
*Where the Mountain meets the Moon*  
*The Storm Runners*  
*Aru Shah and the End of Time*  
*The Jumbies*  
*The Serpent's Secret*  
*Saving Fable*

**Historical Fiction**

*Romeo and Juliet Code*

*The Silver Bowl*

*Luck of the Buttons*

*Rooftoppers*

*Echo*

*Number the Stars (also a classic)*

*Chains*

*The War that Saved my Life*

*The Night Diary*

**Classics**

*A Little Princess/The Secret Garden*

*A Wrinkle in Time*

*Little House on the Prairie (series)*

*The Adventures of Tom Sawyer*

*Heidi*

*Tuck Everlasting*

*The Call of the Wild*

*The Indian in the Cupboard*

*Anne of Green Gables*

*Roll of Thunder, Hear my Cry*

[Sequoyah Books Link](#)

May 2021

Dear Fifth Graders,

It has been a pleasure to be your math teacher this year. As you enjoy a well-deserved summer vacation, I want to remind you of the importance of keeping your math skills sharp. This packet is meant to give you weekly practice of your math skills. Each page covers concepts from each of our major units. I suggest you complete one page each week. It is not in your best interest to finish this packet in a couple of days. You can also use IXL for additional practice.

Mrs. Nida, the 5<sup>th</sup> grade math teacher, will want to see your hard work when school starts in August so bring your packet to school with you. Remember, your work should be completed neatly. Please show your work. If you can't show your work on the pages provided, please attach any scratch paper you use. Try to complete every box on each page. You will also find a copy of this packet on the Holland Hall website.

Thank you for working so hard all year. I appreciate the effort you put forth in my class everyday. Please feel free to email me over the summer if you have any questions.

Have a great summer,

Ms Molloy  
[smolloy@hollandhall.org](mailto:smolloy@hollandhall.org)

Once you've completed your summer work, please have your parents answer the following:

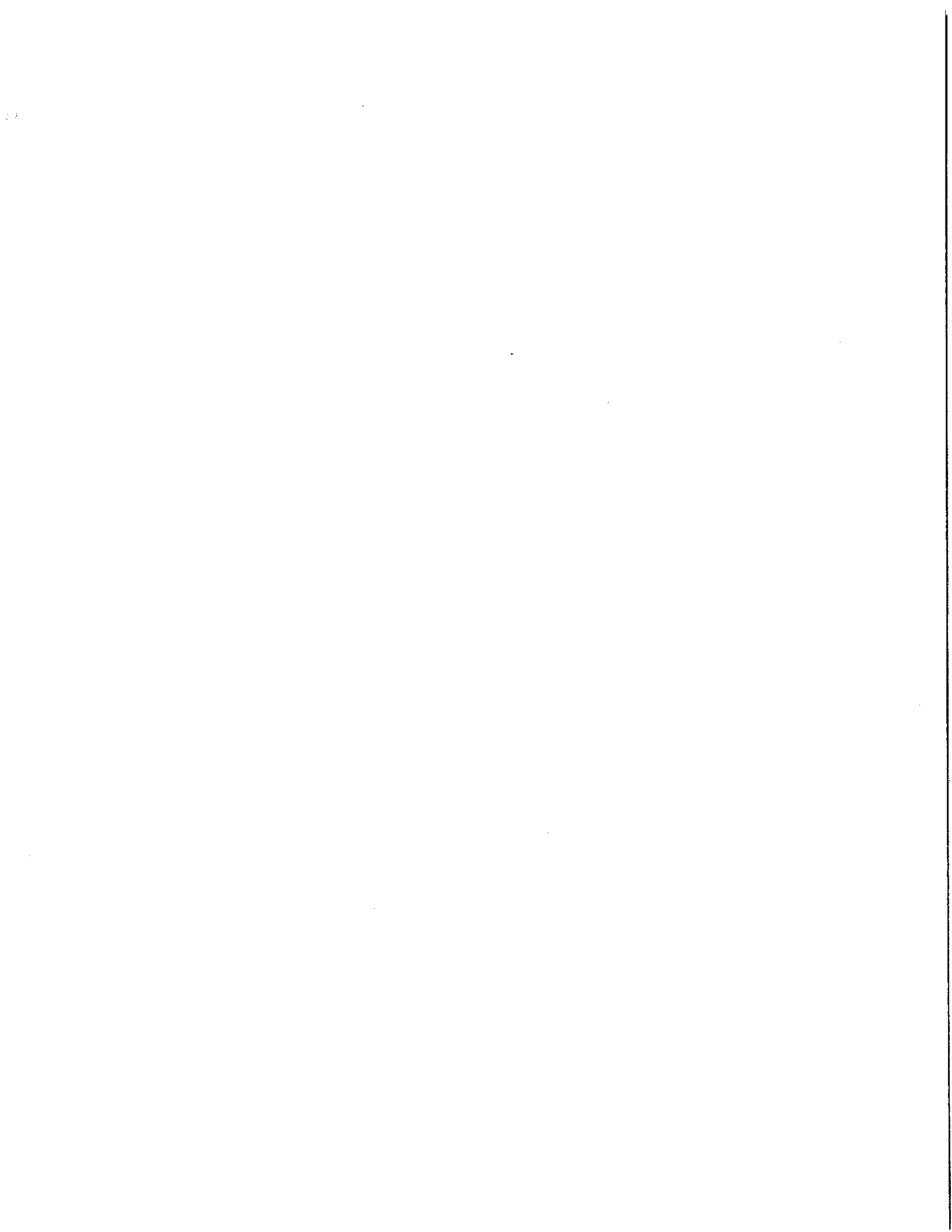
My child completed his/her summer work: (Please select one)

\_\_\_\_\_ Mostly independent

\_\_\_\_\_ Adult/sibling help was required to be successful

\_\_\_\_\_ My child worked with a tutor to complete summer work


Tutor's Name \_\_\_\_\_



# Summer Math

Name \_\_\_\_\_

Week of May 31

<p>1. Round each of the following numbers to the <b>nearest thousand</b>.</p> <p>5,492 _____</p> <p>62,138 _____</p> <p>874,424 _____</p> <p>2,215,560 _____</p>	<p>2. Rewrite vertically and find the sum.</p> <p>8,329 + 7,547 =</p> <p>343,819 + 23,422 =</p>						
<p>3. Rewrite vertically and find the difference</p> <p>15,878 - 5,689 =</p> <p>41,652 - 2,797 =</p>	<p>4. Find the product.</p> <table style="width: 100%; text-align: center;"> <tr> <td>54</td> <td>428</td> <td>937</td> </tr> <tr> <td><u>x39</u></td> <td><u>x 76</u></td> <td><u>x 83</u></td> </tr> </table>	54	428	937	<u>x39</u>	<u>x 76</u>	<u>x 83</u>
54	428	937					
<u>x39</u>	<u>x 76</u>	<u>x 83</u>					
<p>5. Problem Solving</p> <p>Pip the squirrel gathers 9 acorns every morning and twice that many during the rest of the day. In 7 days, how many acorns will Pip have?</p>	<p>6. Divide</p> <table style="width: 100%; text-align: center;"> <tr> <td>272 ÷ 3</td> <td>431 ÷ 4</td> </tr> </table>	272 ÷ 3	431 ÷ 4				
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<p>7. Reduce the following fractions to simplest form.</p> <table style="width: 100%; text-align: center;"> <tr> <td><math>\frac{2}{4}</math></td> <td><math>\frac{10}{25}</math></td> <td><math>\frac{3}{9}</math></td> </tr> <tr> <td><math>\frac{10}{16}</math></td> <td><math>\frac{8}{14}</math></td> <td><math>\frac{9}{21}</math></td> </tr> </table>	$\frac{2}{4}$	$\frac{10}{25}$	$\frac{3}{9}$	$\frac{10}{16}$	$\frac{8}{14}$	$\frac{9}{21}$	<p>8. Find the perimeter and area of the following rectangle.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">14 in.</p> <p style="text-align: right;">8 in.</p> <p>Perimeter =</p> <p>Area =</p>
$\frac{2}{4}$	$\frac{10}{25}$	$\frac{3}{9}$					
$\frac{10}{16}$	$\frac{8}{14}$	$\frac{9}{21}$					

<p>1. Write the following numbers in expanded form:</p> <p>54,830 _____</p> <p>_____</p> <p>345,704 _____</p> <p>_____</p>	<p>2. Addition:</p> <p>Which expression below does NOT have a sum of 84?</p> <p>A. <math>62 + 22</math>          B. <math>54 + 30</math>          C. <math>45 + 39</math>          D. <math>34 + 15</math></p>
<p>3. Rewrite vertically and find the difference</p> <p><math>846 - 38 =</math></p> <p><math>1347 - 659 =</math></p>	<p>4. Find the product.</p> <p><math display="block">\begin{array}{r} 97 \\ \times 7 \\ \hline \end{array}</math> <math display="block">\begin{array}{r} 924 \\ \times 27 \\ \hline \end{array}</math> <math display="block">\begin{array}{r} 240 \\ \times 96 \\ \hline \end{array}</math></p>
<p>5. Problem Solving-</p> <p>There are 54 fourth-grade students. They are planning to go to the zoo. 4 teachers and 10 parents are going as well. The zoo charges \$3.00 for each student and \$5.00 for each adult. What is the total cost of the zoo trip?</p>	<p>6. Divide</p> <p><math>363 \div 4</math>                      <math>465 \div 8</math></p>
<p>7. Find the fraction of each whole number.</p> <p><math>\frac{2}{3}</math> of 24 =                      <math>\frac{3}{4}</math> of 20 =</p> <p><math>\frac{5}{9}</math> of 90 =                      <math>\frac{4}{7}</math> of 35 =</p>	<p>8. Solve.</p> <p>At Alice's summer camp, they served 3 pieces of pizza to each of 144 campers. Each pizza had 12 slices. How many <u>whole</u> pizzas did the campers eat?</p>



<p>1. Write 3,492,721 in word form.</p> <hr/> <hr/> <hr/> <hr/>	<p>2. Rewrite vertically and find the sum.</p> $867 + 795 =$ $3452 + 1283 =$
<p>3. Rewrite vertically and find the difference.</p> $1578 - 689 =$ $1728 - 919 =$	<p>4. Prime or Composite Write P (prime) or C (composite)</p> <p>17 _____      32 _____</p> <p>15 _____      9 _____</p> <p>22 _____      25 _____</p> <p>13 _____      44 _____</p>
<p>5. Problem Solving</p> <p>Terry is making cakes with strawberry topping. She has 39 strawberries that she wants to place equally among 5 cakes. If she does this correctly, how many strawberries will she have left?</p>	<p>6. Divide.</p> $88 \div 7$ $792 \div 4$
<p>7. Benchmark Fractions-</p> <p><math>\frac{3}{8}</math> is closer to    0    <math>\frac{1}{2}</math>    1</p> <p><math>\frac{8}{10}</math> is closer to    0    <math>\frac{1}{2}</math>    1</p> <p><math>\frac{5}{6}</math> is closer to    0    <math>\frac{1}{2}</math>    1</p> <p><math>\frac{1}{7}</math> is closer to    0    <math>\frac{1}{2}</math>    1</p>	<p>8. Lauren has seven coins which total \$0.38. What are the coins?</p>

# Summer Math

# Week of June 21

1. Write the value of the **4** in each of the following numbers.

5,492 \_\_\_\_\_

42,138 \_\_\_\_\_

874,921 \_\_\_\_\_

9,415,863 \_\_\_\_\_

2. Round each number to the greatest place then find the sum.

$$827 + 377 =$$

$$7,819 + 23,921 =$$

3. Round each number to the hundreds place and then find the difference.

$$9778 - 8489 =$$

$$7352 - 4357 =$$

4. Find the product.

$$40 \times 800 = \underline{\hspace{2cm}}$$

$$7 \times 8000 = \underline{\hspace{2cm}}$$

$$50 \times 60 = \underline{\hspace{2cm}}$$

5. Problem Solving

You get \$1 on each odd date in December, and \$10 on each date ending in 0. How much money will you get in all?

6. Divide

$$853 \div 9$$

$$597 \div 7$$

7. Change each improper fraction into a mixed number.

$$\frac{15}{4}$$

$$\frac{17}{5}$$

$$\frac{13}{2}$$

$$\frac{9}{2}$$

$$\frac{39}{7}$$

$$\frac{59}{6}$$

8. Problem Solving-

Seth bought 10 cases of soda that were priced at 2 for \$5. How much money did Seth spend on the soda?

1. Write the following numbers in standard form:

six million, three hundred fifty eight thousand, seven hundred twenty one.

---

four hundred sixty nine thousand, two hundred thirty three.

---

2. Rewrite vertically and find the sum.

$$2,678 + 598 =$$

$$4656 + 753 =$$

3. Find the missing number.

$$\begin{array}{r} 5, \square 2 6 \\ - 3, 1 5 4 \\ \hline 1, 8 7 2 \end{array}$$

4. Factors-List the factors for each.

20: \_\_\_\_\_

12: \_\_\_\_\_

9: \_\_\_\_\_

36: \_\_\_\_\_

5. Problem Solving

There 76 birds on the playground at HH. Later 58, birds flew away. Ten minutes later, another 19 joined the remaining birds. How many birds are now on the playground?

6. Divide

$$920 \div 9$$

$$899 \div 7$$

7. Complete each equivalent fraction.

$$\frac{3}{15} = \frac{\quad}{5}$$

$$\frac{24}{42} = \frac{\quad}{7}$$

$$\frac{12}{16} = \frac{\quad}{4}$$


$$\frac{3}{5} = \frac{\quad}{30}$$

8. Problem Solving

Linda scored 8 goals during a soccer game. Sue scored 2 times as many goals as Linda. Circle the letter below which shows the total number of goals Sue scored.

Circle the correct answer.

- A. The sum of 8 and 2.
- B. The product of 8 and 2.
- C. The quotient of 16 and 2.
- D. The difference of 16 and 8.

<p>1. Use the <math>&lt;</math>, <math>&gt;</math>, or <math>=</math> to compare the numbers.</p> <p>3,573 _____ 3,753</p> <p>45,921 _____ 54,921</p> <p>989,452 _____ 999,542</p> <p>347,876 _____ 473,876</p>	<p>2. Fill in the missing numbers.</p> $  \begin{array}{r}  \phantom{0}2 \phantom{0}6 \phantom{0}\square \\  + \square \square 6 \\  \hline  1,197  \end{array}  $
<p>3. Rewrite vertically and find the difference</p> <p>7284 - 3294 =</p> <p>1738 - 382 =</p>	<p>4. Complete each statement with the correct term.</p> <p>The _____ is the answer to a multiplication problem.</p> <p>A number that is multiplied by another number is a _____.</p>
<p>5. Problem Solving</p> <p>Jamie displayed her baseball cards in 4 rows with 60 cards in each row. Her brother rearranged the cards into 8 equal rows. How many cards are in each row?</p>	<p>6. Divide</p> <p>209 ÷ 8                  616 ÷ 3</p>
<p>7. Comparing Fractions: Write <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> <p><math>\frac{1}{3}</math>                  <math>\frac{1}{2}</math>                  <math>\frac{3}{8}</math>                  <math>\frac{1}{8}</math></p> <p><math>\frac{3}{3}</math>                  <math>\frac{5}{5}</math>                  <math>\frac{1}{4}</math>                  <math>\frac{3}{4}</math></p>	<p>8. Find the perimeter and area of the following rectangle.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">16 in.</p> <p style="text-align: right;">5 in.</p> <p>Perimeter =</p> <p>Area =</p>

1. Write the following numbers in expanded form:

92,832 \_\_\_\_\_

349,838 \_\_\_\_\_

2. Rewrite vertically and find the sum.

$$73,674 + 29,731 =$$

$$87,435 + 2,961 =$$

3. Problem Solving-

Sarah is climbing a mountain that is 1,905 feet high. She has already climbed 489 feet. How many more feet does she still need to climb in order to make it to the top?

4. Find the product.

$$3 \times 9 =$$

$$8 \times 7 =$$

$$9 \times 8 =$$

$$5 \times 3 =$$

$$6 \times 4 =$$

$$7 \times 9 =$$

$$2 \times 8 =$$

$$8 \times 8 =$$

5. Problem Solving:

Sara has 3 coins in her pocket with a total value more than 10¢ and less than 20¢. What coins might Sara have in her pocket?

6. Divide:

$$63 \div 9 =$$

$$45 \div 5 =$$

$$32 \div 4 =$$

$$64 \div 8 =$$

$$49 \div 7 =$$

$$12 \div 3 =$$

$$25 \div 5 =$$

$$21 \div 3 =$$

7. Complete each statement with the correct term.

The top number of a fraction that shows the parts of the whole is the \_\_\_\_\_.

A fraction in which the numerator and denominator have no common factors other than 1 is in \_\_\_\_\_.

A comparison of parts to a whole or set is a \_\_\_\_\_.

The bottom number in a fraction that tells the number of equal parts in the whole is the \_\_\_\_\_.

8. Solve.

$$\text{😄} + \text{😄} + \text{😄} = 15$$

$$\text{😄} + \text{😊} + \text{😊} = 29$$

$$\text{😞} + \text{😞} + \text{😊} = 26$$

$$\text{😞} + \text{😄} \times \text{😊} = ?$$

# Summer Math

# Week of July 19

1. Round each of the following numbers to the **nearest hundred**.

7,462 \_\_\_\_\_

68,438 \_\_\_\_\_

874,924 \_\_\_\_\_

6,515,360 \_\_\_\_\_

2. Addition

What is the sum of the numbers on the face of a clock?

3. Rewrite vertically and find the difference

$$87,351 - 66,823 =$$

$$46,832 - 2797 =$$

4. Find the product.

$$\begin{array}{r} 86 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 748 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 838 \\ \times 63 \\ \hline \end{array}$$

5. Problem Solving

What two numbers have a sum of 15 and a product of 54?

What two numbers have a product of 48 and a difference of 2?

6. Divide

$$42,000 \div 6 =$$

$$320,000 \div 4 =$$

$$450,000 \div 9 =$$

$$500 \div 5 =$$

7. Fractions on a number line

Show where  $\frac{2}{5}$  would go on the number line.



8. Problem Solving-

Joe played 5 basketball games for his school team. He made 11 shots worth 3 points, 27 shots worth 2 points each, and made 13 foul shots worth 1 point each. How many points did he score over the five games?

1. Write the following numbers in order from least to greatest.

1,093    983    10,211    519

---

8,730    8,073    8,703

---

2. Rewrite vertically and find the sum.

$$3,614 + 2,902 =$$

$$8,465 + 8,165 =$$

3. Rewrite vertically and find the difference

$$8820 - 638 =$$

$$942 - 723 =$$

4. Find the product.

$$\begin{array}{r} 98 \\ \times 2 \\ \hline \end{array} \qquad \begin{array}{r} 152 \\ \times 64 \\ \hline \end{array} \qquad \begin{array}{r} 624 \\ \times 88 \\ \hline \end{array}$$

5. Problem Solving

Murphy eats 18 pounds of dog food a month. Gracie eats half as much. The food costs \$8 a pound. What is their total food cost per month?

6. Divide Mentally

$$27 \div 5 = \underline{\quad\quad} \qquad 31 \div 6 = \underline{\quad\quad}$$

$$74 \div 9 = \underline{\quad\quad} \qquad 28 \div 8 = \underline{\quad\quad}$$

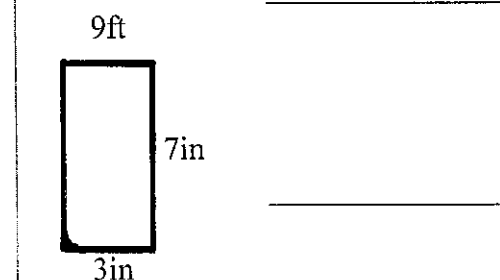
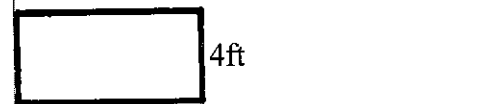
$$46 \div 7 = \underline{\quad\quad} \qquad 55 \div 9 = \underline{\quad\quad}$$

7. Add the following fractions. Write your answer in **simplest form**.

$$\frac{2}{8} + \frac{4}{8} = \frac{\quad}{\quad} \qquad \frac{1}{5} + \frac{3}{5} = \frac{\quad}{\quad}$$

$$\frac{8}{11} + \frac{2}{11} = \frac{\quad}{\quad} \qquad \frac{5}{16} + \frac{3}{16} = \frac{\quad}{\quad}$$

8. Find the perimeter of each rectangle.

















<p>1. Place Value-</p> <p>Write a 7 digit number with a 6 in the tens place, a 4 in the hundred thousands place, a 2 in the millions place, a 9 in the ones place, a 1 in the hundreds, a 7 in the ten thousands place, and a 5 in the thousands place.</p>	<p>2. Rewrite vertically and find the sum.</p> <p><math>2,899 + 4,346 =</math></p> <p><math>93,019 + 23,999 =</math></p>						
<p>3. Rewrite vertically and find the difference</p> <p><math>1578 - 689 =</math></p> <p><math>1652 - 797 =</math></p>	<p>4. Find the product.</p> <table style="width: 100%; text-align: center;"> <tr> <td><math>54</math></td> <td><math>428</math></td> <td><math>937</math></td> </tr> <tr> <td><math>\underline{\times 39}</math></td> <td><math>\underline{\times 76}</math></td> <td><math>\underline{\times 83}</math></td> </tr> </table>	$54$	$428$	$937$	$\underline{\times 39}$	$\underline{\times 76}$	$\underline{\times 83}$
$54$	$428$	$937$					
$\underline{\times 39}$	$\underline{\times 76}$	$\underline{\times 83}$					
<p>5. Problem Solving</p> <p>Brandon's grandfather sent him an envelope with 342 baseball cards. How many pages of 9 baseball cards will be able to completely fill with those cards?</p>	<p>6. Divide</p> <table style="width: 100%; text-align: center;"> <tr> <td><math>753 \div 7</math></td> <td><math>533 \div 5</math></td> </tr> </table>	$753 \div 7$	$533 \div 5$				
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$\frac{2}{4}$	$\frac{10}{45}$	$\frac{3}{9}$					
$\frac{14}{18}$	$\frac{8}{18}$	$\frac{8}{24}$					



Name: \_\_\_\_\_


Puzzle:


	6			36
6				38
				49
				39
36	38	47	41	+


Work Area:


	6			36
6				38
				49
				39
36	38	47	41	+


The sum for each column  
and row is given.

 = \_\_\_\_\_

















 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_


Puzzle:


				27
				14
				29
				25
27	16	20	32	+


Work Area:


				27
				14
				29
				25
27	16	20	32	+

The sum for each column  
and row is given.

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

Name: \_\_\_\_\_

	+		+		=									
	<table style="border-collapse: collapse; width: 100%; text-align: center;"><tr><td style="border: 1px solid black; padding: 10px;">B</td><td style="border: 1px solid black; padding: 10px;">C</td><td style="border: 1px solid black; padding: 10px;">B</td><td style="padding: 10px;">?</td></tr><tr><td style="border: 1px solid black; padding: 10px;">B</td><td style="border: 1px solid black; padding: 10px;">B</td><td style="border: 1px solid black; padding: 10px;">A</td><td style="padding: 10px;">13</td></tr></table>					B	C	B	?	B	B	A	13	
B	C	B	?											
B	B	A	13											
+														
=														
	6	11	10											

**Equations and Hints:**

Each letter is a whole number.

Fill in the equations using the chart:

$C + B = 11$      $\underline{\quad} + B = 6$      $\underline{\quad} + \underline{\quad} + \underline{\quad} = 13$

$\underline{\quad} + \underline{\quad} = 10$

Additional hints:

$A = B + 4$      $C$  is the largest.     $B$  is the smallest.

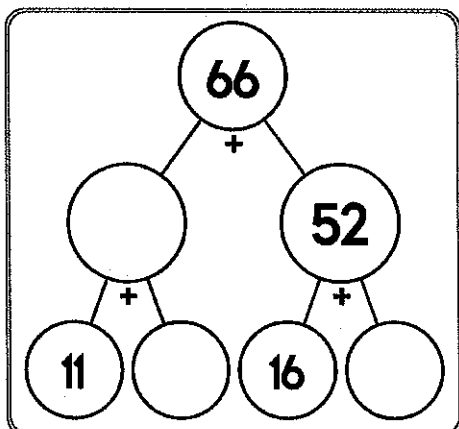
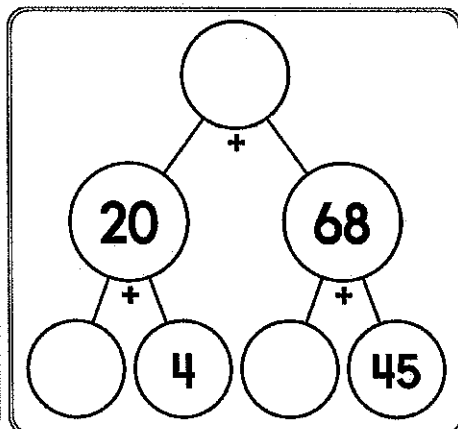
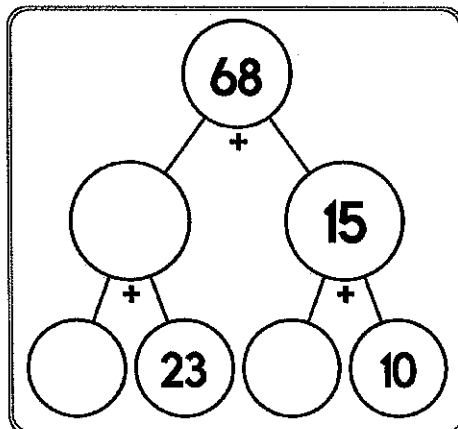
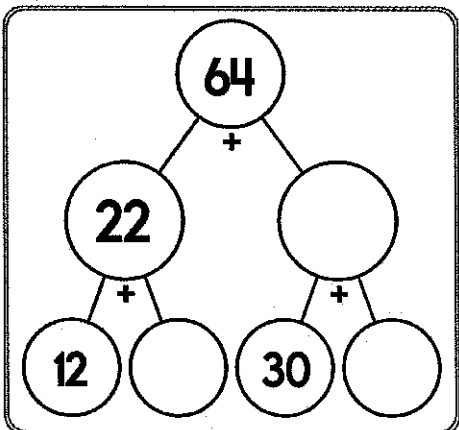
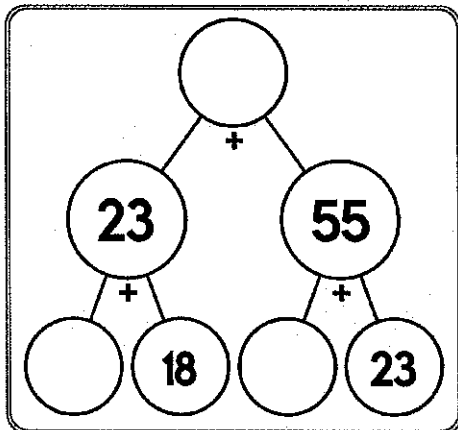
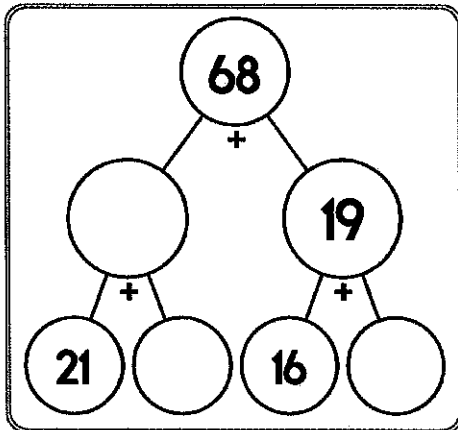
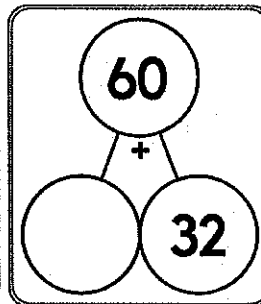
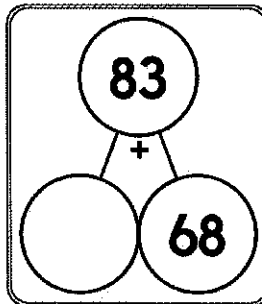
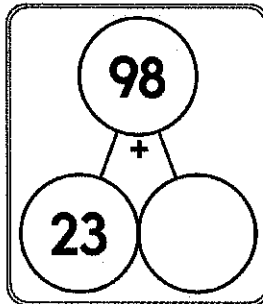
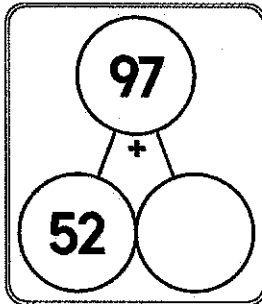
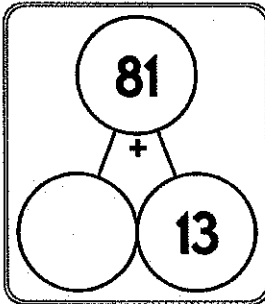
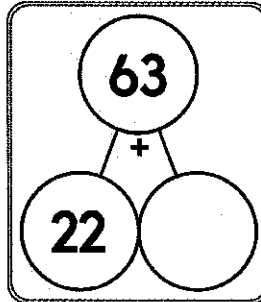
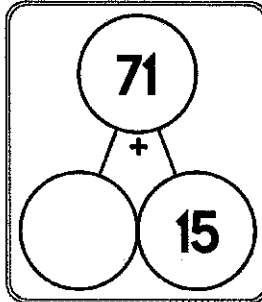
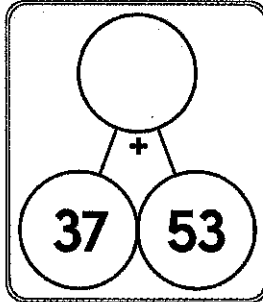
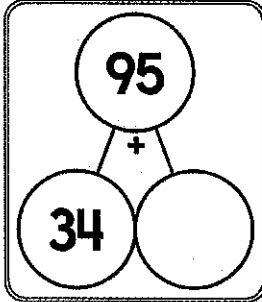
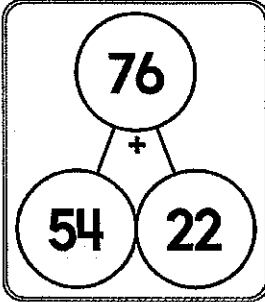
Each letter is less than 12.

**Show Work:**

**Solve:**

$? = \underline{\quad}$

Name: \_\_\_\_\_



Reduce  $\frac{5}{10}$  to its lowest terms.

Reduce  $\frac{35}{45}$  to its lowest terms.

Reduce  $\frac{4}{16}$  to its lowest terms.

Name: \_\_\_\_\_

Cross off the number that does NOT belong.

17, 19, 23, 26, 29, 37, 47, 59, 73, 89, 107, 127, 149

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

786524, 524786, 652478, 865247, 786524, 478652, 247865, 524786,  
652478, 865247, 786524, 478652, 247865, 524786, 652478

Why does \_\_\_\_\_ not belong in the pattern?