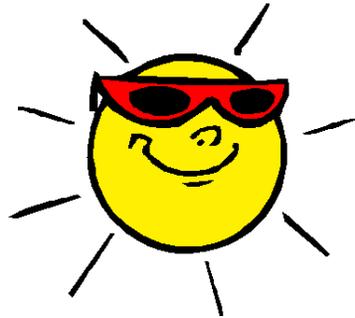


Elementary Mathematics
Summer Enrichment Packet

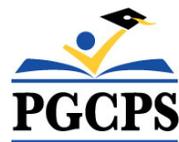
For Rising

Grades 1-5 Students

ANSWER KEY



Prince George's County Public Schools
Division of Academics
Department of Curriculum and Instruction



Answer Key for Students Entering Grade 1 (Sample Answers)

June

Monday	Tuesday	Wednesday	Thursday	Friday
	<p>How many days for summer break?</p>	<p>Walk around your house and/or apartment. How many windows can you see? How many doors? Which object is there more of, doors or windows?</p> <p>Answers will vary.</p>	<p>Count the total number of steps in your house. If you live in an apartment count the number of steps it takes to get to your apartment door.</p> <p>Answers will vary.</p>	<p>Count the number of houses, buildings, and cars in your neighborhood. List your answers in a chart.</p> <p>Answers will vary.</p>
<p>Take a tour of the kitchen. Count the how many different cylinders, squares, rectangles, pyramids, and triangles there are.</p> <p>Answers will vary.</p>	<p>Draw a number line beginning with 18. Go back 12 numbers. What number did you stop on?</p> <p>6</p>	<p>Sort the pattern blocks by the number of sides. (See the resource page.)</p> <p>See Resource Page</p>	<p>Write 5 subtraction sentences that start with the number 5.</p> <p>5-4, 5-3, 5-2, 5-1, 5-0</p>	<p>Practice skip counting by 2s. You can count by 2s to find out the number of socks in your drawer. Estimate how many socks are in your drawer. Then count the pairs by 2s. To check your answers separate the pairs and count by ones. Answers will vary.</p>

Answer Key for Students Entering Grade 1 (Sample Answers)

July

Monday	Tuesday	Wednesday	Thursday	Friday
	<p>Look for 15 items in your house that can be matched with the numbers 1 through 10. (ex. 3 pots, 1 microwave, etc.) Keep a record by drawing pictures of the items you found. This will be done for the next two days -----></p>	<p>Look for 15 items in your house that can be matched with the numbers 1 through 10. (ex. 3 pots, 1 microwave, etc.) Keep a record by drawing pictures of the items you found. Make sure there are 15 different objects.</p>	<p>Cut out some shapes such as circles, squares, triangles, and rectangles. Try to match them with real things in your house or neighborhood. Answers will vary.</p>	<p>This calendar only has the days Monday-Friday. Fill in the dates for July. How many Sundays are in July? How could you show any missing dates?</p>
<p>Guess (estimate) about how many wheels there are at your house. Do not forget wheels on cars, bicycles, toys, and even the vacuum cleaner. Count the wheels to see how close you were to your estimate. Answers will vary.</p>	<p>Write ten number sentences that equal 10. Use both addition and subtraction. Draw pictures to show your number sentences. Example: 5+5, 6+4, 3+7, 12-2, 15-5. Make sure the answer is 10 and a picture is drawn for each.</p>	<p>How many "Cheerios" can you grab in a handful? Write down your estimate. Now grab a handful of "Cheerios". What is the difference between your estimate and the actual handful? Try it again. Answers will vary.</p>	<p>Start counting on January 1. What is the date of the 100th day of the year? April 10, 2017</p>	<p>Write the names of the people in your family. Count the letters in each name and circle the name with the most letters. Underline the name with the least number of letters. Answers will vary.</p>
<p>Look for patterns on clothes. Copy a pattern you find onto a sheet of paper using crayons or markers. Answers will vary.</p>	<p>Go on a shape hunt. Look through your house to find things shaped like a circle, a square, a triangle, a pentagon and a hexagon. Make a chart to show your results. Answers will vary.</p>	<p>Cut an empty box on the folds. What shapes and how many shapes do you have? First recognize that the box is a cube. Once the box is cut it should be labeled a square or rectangle.</p>	<p>What is the shape of a paper towel roll? Cut the roll in half. What shape(s) do you have? Cut the roll from one end to the other and flatten out the shape. What is the flattened shape named? Circle (cylinder), semi-circle</p>	<p>Look in the newspaper or a magazine for a graph. Write about the information that you can determine from the graph. Depends on the graph.</p>
<p>Write the numbers 16-20. Draw pictures of items or cut pictures from magazines to match the number written. Follow the directions.</p>	<p>Read a math book from the list. See book list.</p>	<p>Does $6 + 3 = 5 + 2$? Draw a picture to prove your answer. No. Draw a picture to explain $6+3=9$ and $5+2=7$</p>	<p>Compare the width of two rooms in your house by using your feet as a measuring tool. Which is wider, how do you know? Answers will vary.</p>	<p>How many times can you say the alphabet in 30 seconds? Make a prediction and then have an adult time you. Which number was more, the prediction or the actual count? Write a number sentence to show the difference. Answers will vary.</p>

Answer Key for Students Entering Grade 1 (Sample Answers)
August

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What is today's date? How many days left before school starts? How did you count?</p> <p>Depends on when you started the packet.</p>	<p>Predict three colors for cars you will see. While on a drive, keep a count of the cars on the road that are the colors you predicted. Make a chart showing how many cars of the predicted colors you see.</p> <p>Answers will vary.</p>	<p>Use a calendar to determine if there are more Sundays in July or August? Explain your answer.</p>	<p>Read your favorite or a new book.</p> <p>Follow the directions.</p>	<p>Read a math book from the list and write about it in your journal.</p> <p>See book list.</p>
<p>Predict how many jumping jacks you can do in 30 seconds. Test your prediction. Use the terms "less than" or "equal to" to compare your prediction and the actual count.</p> <p>Answers will vary.</p>	<p>Making shapes. Cut out the pattern blocks on the resource page. Put shapes together to create other shapes. Make a hexagon using the triangles. What other shapes can you make?</p> <p>Follow the directions.</p>	<p>Estimate and count how many bites it takes you to eat a sandwich. Estimate and count how many bites it takes for an adult to eat a sandwich. Are the numbers the same? Why or why not?</p> <p>Answers will vary.</p>	<p>Use a deck of playing cards to play a game with addition. Take out all face cards. An ace is one. Stack the cards with the numbers not showing. Each person takes two cards and determines the sum. The person with the highest sum wins the round. Repeat</p> <p>Answers will vary.</p>	<p>Use a deck of playing cards to play a game with subtraction. Take out all face cards. An ace is one. Stack the cards with the numbers not showing. Each person takes two cards and determines the difference. The person with the smallest difference wins the round. Repeat</p> <p>Answers will vary.</p>

Answer Key for Students Entering Grade 2 (Sample Answers)

JUNE

Monday	Tuesday	Wednesday	Thursday	Friday
		<p>First predict how many times you can jump in a minute. Compare your prediction to the actual number of jumps.</p> <p>Answers will vary.</p>	<p>Draw a picture of $45 + 19$ using tens and ones. How did you add these two numbers?</p> <p>Make sure there are at least 6 tens, 4 ones, or a combination that adds up to 64.</p>	<p>Find a group of objects to sort (toys, food, clothing, etc.) Find at least two ways to sort. Share with a family member.</p> <p>Answers will vary.</p>
<p>Read a math book from the list.</p> <p>Chose a book from the list</p>	<p>List as many ways possible to find the sum of 20.</p> <p>List as many ways possible to find the sum of 15.</p> <p>Example: $10+10$, $8+12$, $7+13$ Example: $8+7$, $10+5$</p>			

Answer Key for Students Entering Grade 2 (Sample Answers)

JULY

Monday	Tuesday	Wednesday	Thursday	Friday
	<p>Draw a picture using two circles, three triangles, some squares, and one rhombus. Explain to your parent/guardian how you made your picture. Answers will vary.</p>		<p>Starting from January 1, what is the 120th day of the year? If I counted 120 days after that day, what day of the year would it be?</p>	<p>Count 37 objects (raisins, peanuts, candy, and cereal). From the 37 objects, make a pile of 26 using your objects. How many objects are left in your pile? 11</p>
<p>Take a walk outside with another family member. Record how many birds, dogs, and cats you see. Write a number sentence to show the total number of dogs, cats and birds you saw. Answers will vary.</p>	<p>How many letters are in your first and last name? Choose another family member and count how many letters are in their first and last name? Who has more letters? Answers will vary.</p>	<p>What date is 5 days before July 13th? What day of the week is that date? How many months in 2017 have that date on the same day of the week? July 8th, Thursday, 2</p>	<p>Draw the hands on a clock to show 2:30. Make sure the hour hand is on the 2 and the minute hand is on the 6.</p>	<p>Practice counting forward and backwards starting with numbers other than one. Write the numbers you have counted forward and backwards. You must go forward and backwards to at least 8 numbers. Repeat 4 times. Answers will vary.</p>
<p>Tell a friend a story problem to go with $14 + 6$. Draw an illustration for your story problem. Make sure there are 20 items drawn.</p>	<p>Draw the hands on a clock to show 6:30. Make sure both hands are on the 6.</p>	<p>Write all the math facts that you can think of that have 12 as an answer. Example: $6+6$, $5+7$, $4+8$, $3+9$,</p>	<p>Find objects at home to count such as beans, buttons, pasta, popcorn, etc. Count 100. Draw a picture to show how many groups of 10 you can make. How many groups of 5 can you make? Share with your parent/guardian. 10 groups of 10, 20 groups of 5</p>	<p>Ask your parent/guardian for 2 dimes, 3 nickels, 9 pennies, and a quarter. Draw a picture of your coins. Ask your parent/guardian to place on a table 1 quarter, 3 dimes and 3 nickels. Who has the most money? How do you know? The person who has 70 cents.</p>
<p>The farmer put 17 tomatoes in a bowl. His wife took 6 tomatoes from the bowl. How many tomatoes are still in the bowl? 11</p>	<p>Write a 2-digit number. Write a second number. Is your second number less than or greater than your first number? Write a third number. Is your third number less than or greater than your first number? Answers will vary.</p>	<p>Count by fives to 100. Start with the number 0. Count by tens starting with 11. What is the 10th number in your sequence? 101</p>	<p>Write an addition story problem using animals. Answers will vary.</p>	<p>Write a subtraction story problem using family members. Answers will vary.</p>

Answer Key for Students Entering Grade 2 (Sample Answers)
August

Monday	Tuesday	Wednesday	Thursday	Friday
<p>A family member wrote:</p> $12 + \square = 18$ <p>What should go in the box? Prove your answer.</p> <p>6. The explanation can be in the form of words or pictures/symbols.</p>	<p>Draw a number line beginning with 0. Place only the following numbers on your number line: 45, 25, 35, and 15. How did you decide where to place the numbers?</p> <p>The explanation should include words such as less than, more than, or place value.</p>	<p>How many Mondays are in January through April of?</p> <p>17</p>	<p>Draw 2 clock faces. Draw the hour hand and minute hand on the faces of the clocks to show the following times: 6:00 1:30</p> <p>The hour hand is on 6 and the minute hand is on 12. The hour hand is on one and the minute hand is on 6.</p>	<p>List your 4 favorite ice cream flavors. Survey 12 family members or friends and make a tally chart to show which of the ice cream flavors they like best.</p> <p>Answers will vary.</p>
<p>Read a math book from the list.</p> <p>Chose a book from the list.</p>	<p>How many Mondays are in July and August? (Make sure to look at a calendar for this year.)</p> <p>9</p>	<p>At bath time estimate how many minutes it takes to fill the bathtub. Then, have an adult time it with a watch or clock. How close was your estimate to the actual time?</p> <p>Answers will vary.</p>	<p>Write the doubles facts (ex. $2 + 2$, $5 + 5$) to 20. What patterns do you see?</p> <p>1+1, 2+2, 3+3, 4+4, 5+5, 6+6, 7+7, 8+8, 9+9, 10+10. The sum increases by 2.</p>	<p>Grab a handful of coins. Sort the coins by value and name each coin (penny, nickel, dime, quarter). Mark a chart.</p> <p>Answers will vary.</p>
<p>Using a deck a cards, flip over two cards and find the sum. Do this at ten times. Follow the same directions, this time find the difference. Remember, Aces are equal to one. Remove all face cards.</p> <p>Answers will vary.</p>	<p>Take a walk outside with a family member. Make a list of all of the triangles and squares you see in your neighborhood.</p> <p>Make sure the child explains how they decided to draw the shape and why.</p>	<p>Write all of the number sentences that have a sum of 13. Do you have them all? How do you know?</p> <p>12+1, 11+2, 10+3, 9+4, 8+5, 7+6</p>	<p>Go on a shape hunt. Look for items that are 3 dimensional (sphere, cubes, cylinders, etc.) Make a chart listing the items found with the shape. What two dimensional shapes do you see on the three dimensional shapes? Answers will vary.</p>	<p>Keep track of the weather for two weeks. How many days were sunny days? Cloudy days? Raining days? How many more sunny days than rainy days?</p> <p>Answers will vary.</p>

Answer Key for Students Entering Grade 3 (Sample Answers)
June

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Week 1</p> <p>197 207 217 227 237 247 257 267 277 287</p>	<p>Rectangle should show 2 equal parts. Each part is called a half, both parts are called halves.</p>	<p>Read a book from the math book list.</p>	<p>a)18 b)18-9=9; 18-10=8; 18-11=7; 18-12=6; 18-13=5; 18-14=4; 18-15=3; 18-16=2; 18-17=1; 18-18=0</p>	<p>Sample: For the week beginning June 16. 17 +21 ____ 18 + 20 38 =38 The total is the same because the first addend in each expression differs by one and the second addend differs by one.</p>
<p>Week 2</p> <p>Sample: The difference would be 7 days, because there are 7 days in a week. The only thing that would cause a break in this difference is when the month changed.</p>	<p>8am – wakeup 8:30am – eat breakfast 9:00am – camp 11:00am – lunch 12:00pm – play outside 3:00pm – read a book 4:00pm – practice math 5:00pm – eat dinner 6:00pm – watch TV 8:00pm – go to bed</p>	<p>325 425 525 625 725 825 925</p>	<p>Rectangle should show 4 equal parts. Each part is called a fourth.</p>	<p>Enjoy the weekend</p> 

Answer Key for Students Entering Grade 3 (Sample Answers)
July

Monday	Tuesday	Wednesday	Thursday	Friday									
<p>Week 3</p> <p>625 525 425 325 125 25</p>		<p>Check and see if your child's time improves.</p>	<p>Answers will vary</p>	<p>$4+4+4 = 12$ stars</p> <p>She could add four more rows with 4 stars in each row for a total of 7 rows.</p> <p>$4+4+4+4+4+4+4 = 28$ stars</p>									
<p>Week 4</p> <p>Sample answer</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td align="center">8</td> <td align="center">1</td> <td align="center">6</td> </tr> <tr> <td align="center">3</td> <td align="center">5</td> <td align="center">7</td> </tr> <tr> <td align="center">4</td> <td align="center">9</td> <td align="center">2</td> </tr> </table>	8	1	6	3	5	7	4	9	2	<p>Answers will vary</p> <p>11, 22, 33, 44, 55, 66, 77, 88, 99 (total of 9): The digits are the same in the palindromes.</p>	<p>Sample: 2 quarters, 2 dimes, 2 nickels and 3 pennies</p>	<p>Answers will vary.</p> <p>Record the time you start and stop reading. Use A.m. or P.m. correctly.</p>	
8	1	6											
3	5	7											
4	9	2											
<p>Week 5</p> <p>17th 3cm 18th 6cm 19th 12cm 20th 24cm 21st 48cm 22nd 96cm</p>	<p>Triangle-each side 12 yards</p> <p>Square-each side 4 yards</p> <p>Hexagon-each side 6 yards</p> <p>6 multiples (5, 10, 15, 20, 25, 30)</p>	<p>Record the time you start and stop reading. Use A.m. or P.m. correctly. How many minutes did you read today?</p>	<p>243</p>	<p>Answers will vary</p> <p>Play the game</p>									

<p>Week 6</p> <p>12 popsicles in 1 dozen</p> <p>24 popsicles in 2 dozen</p> <p>30 popsicles in 2 1/2 dozen</p>	<p>Sample Answer</p> <p>Each flower cost 5¢. You earn 5¢ for each one you sell. Count by 5's 12 times to get 60¢ for buying and selling 12 flowers.</p>	<p>934 largest even number</p> <p>943-The largest number The hundreds place and tens place have the largest digits in them.</p>	<p>3 quarters</p>	<p>Record the time you start and stop reading. Use A.m. or P.m. correctly.</p>
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<p>Week 7</p> <p>Check and see if your child's time improves.</p>	<p>Examples: double, twice, couple, pair, duet, dual</p> <p>Sample: Mark has 15 Legos. Anthony has twice as many Legos as Mark. How many Legos does Mark have?</p>	<p>2008-6 = 2002</p> <p>Today Pat is 15</p> <p>2017-2002= 15</p> <p>On Jan. 11, 2017, Pat was 15.</p>	<p>Read a book from the math book list-or any math book</p>	<p>Should include information from the story and a question.</p>
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<p>Week 8</p> <p>Answers will vary</p>	<p>Answers will vary</p>	<p>24 hours in a day</p> <p>½ day is 12 hours</p> <p>Scruffy sleeps 12 hours a day.</p>	<p>One way to get the answer is to add the number of star drawn in a minute ten times.</p>	
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Answer Key for Students Entering Grade 4 (Sample Answers)
June

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Sample: I woke up at 8 a.m. It was 10:20 a.m.</p> <p>47 minutes from the time I woke up is 8:47 a.m.</p>	<p>Answers will vary</p> <p>Sample: \$25.63. \$20.00 + \$5.00 + 2 quarters + 1 dime + 3 pennies</p> <p>\$20.00 + \$5.00 + 6 dimes + 3 pennies</p>	<p>Marcus has \$100.00.</p> <p>\$23.45 + \$12.36 + \$15.61 = \$51.42 \$100 - \$51.42 = \$48.58 Marcus has \$48.58 left.</p>	<p>Answers will vary</p> <p>Sample: 284 - 92 = 192 177 + 15 = 192</p>	<p>8,742 rounded: 9,000</p>
<p>Five hundred or 500</p> <p>6,586</p>	<p>Answers will vary</p> <p>The measurement of an acute angle is less than 90° The measurement of an obtuse angle is greater than 90° Right angles measure exactly 90°.</p>	<p>Answers will vary</p> <p>Sample: I am 12. 12 doubled is 24 12 tripled is 36</p>	<p>The feet on my bed are parallel because they go in the same direction and would never cross if extended. My doorframe is perpendicular to the floor because it creates a right angle.</p>	

Answer Key for Students Entering Grade 4 (Sample Answers)

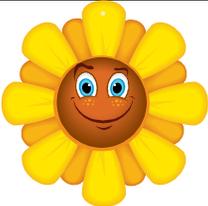
July

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Answers will vary Sample: The grocery store started with 487 cans on the shelves. There were 364 cans on the shelves at the end of the day. How many were removed during the day?</p>	<p>Answers will vary You should have an addition and a subtraction problem.</p>		<p>$8 \times 9 = 72$ books</p>	<p>Read a math book from the attached list of books.</p>
<p>Answers will vary Sample: A square has four lines of symmetry.</p>	<p>1) $246 + 43 = 187 + 102$ 2) $367 - 123 < 298 + 98$ Answers will vary for remaining section</p>	<p>$\\$10.00 - \\$5.14 = \\$4.86$ (the cost of two cones) One cone cost half or \$2.43</p>	<p>Answers will vary</p>	
<p>Read a math book from the attached list of books.</p>	<p>Answers will vary Make sure to include your title and key.</p>	<p>Answers will vary</p>	<p>Answers will vary</p>	<p>Answers will vary</p>
<p>Answers will vary</p>	<p>Answers will vary</p>		<p>Answers will vary</p>	<p>Answers will vary</p>

Answer Key for Students Entering Grade 4 (Sample Answers)
August

Monday	Tuesday	Wednesday	Thursday	Friday
<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block; vertical-align: middle;"></div> =59	<p>Hint* Place whole numbers in first with an equal distance between each whole number. Use benchmark fractions to place the other numbers on the line. The order should be: 2, 3.5, 4 1/2, 6 7/8.</p>	<p align="center"> XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX </p>	<p>He could arranged them in 5 rows of 4 in five different pans:</p> <p align="center"> XXXX XXXX XXXX XXXX XXXX </p> <p>Five sets of 20 would equal 100.</p>	<p>Yes, they both can have the same area. Jeanine's rectangle could have two sides of 12 unites and two sides of 3 units. Since area is equal to length times width, then $12 \times 3 = 36$ which is the same area as Mary's rectangle.</p>
<p>Read a math book from the list.</p>	<p>3: 3,6,9,12,15,18,21,24,27,30 4: 4,8,12,16,20,24,28,32,36,40</p> <p>Same: 12 and 24</p> <p>Both numbers have factors of both 3 and 4. They are common multiples for 3 and 4. 12 is the least common multiple (lcm) for 3 and 4.</p>	<p>Starting with 0 the ruler should include whole numbers evenly spaced out up to 4. In between each whole number will be eight even spaces (eighths), For every two eighths, there will be four spaces between each whole number (quarters or fourths) and in the middle between each whole number are halves.</p>	<p>Answers will vary</p> <p>Samples:</p> <p align="center">12/3, 16/4, 40/10, 80/20...</p>	<p>Since the inverse of division is multiplication, I asked myself: "8 times what is 56?" I knew that answer is 7. Since 8×7 is 56, then 56 divided by 7 is 8.</p>

Answer Key for Students Entering Grade 5 (Sample Answers)
June

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Answers will vary.</p> <p>Sample:</p> $\$100.00 - 39.99 = \60.01	<p>Title of book read</p> <p>_____</p>	<p>Answers will vary.</p> <p>Sample:</p> $\frac{1}{4}, \frac{1}{2}, \frac{1}{3}, \frac{2}{3}$	<p>1, 3, 31, 93</p> <p>Divisible by three because the sum of the digits is 12 and 12 is divisible by 3.</p>	<p>10</p> <p>100</p> <p>1,000</p> <p>10,000</p>
<p>Answers will vary.</p> <p>Sample:</p> <p>96 inches = 8 ft.</p>	<p>In 1997 Babe Ruth's ball would have been valued at \$3,072, 000 so his ball would be more valuable. In 2013 Babe Ruth's ball would be valued at \$12,288,000 and Mark McGwire's ball would be valued at \$12,000,000.</p>	<ol style="list-style-type: none"> Array should have 12 rows of 6 rectangles or 6 rows of 12 rectangles. Array should have 15 rows of 9 rectangles or 9 rows of 15 rectangles. Diagrams will vary. Make sure that each row has the same number of rectangles. 	<p>1 hour = 60 minutes</p> <p>2 hours = 2 x 60 min = 120 minutes</p> <p>1 minute = 60 seconds</p> <p>60 minutes = 1 hour</p> <p>60 x 60 seconds = 3,600 seconds</p> <p>120 x 60 seconds = 7,200 seconds</p> <p>2 hours = 7,200 seconds</p>	

Answer Key for Students Entering Grade 5 (Sample Answers)
July

Monday	Tuesday	Wednesday	Thursday	Friday
	<p>Answers will vary. Sample: I could have an angle that is 30 degrees and an angle that is 65 degrees. Both of these are acute because they are less than 90 degrees. When you add them you get 95 degrees, which is greater than 90 and obtuse.</p>	<p>The sum is $11 \frac{1}{2}$, which is the same distance from 11 and 12 on a number line. 11 would be an underestimate and 12 would be an overestimate.</p>	<p>The train will arrive at 7:00 am. Explanation: $4:45 \text{ pm} + 12 \text{ hours} = 4:45 \text{ am}$. $4:45 \text{ am} + 2 \text{ hours} = 6:45 \text{ am}$ $\frac{1}{4}$ of an hour is 15 minutes. $6:45 \text{ am} + 15 \text{ min.} = 7:00 \text{ am}$</p>	<p>6: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96 8: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96 Least common multiple: 48</p>
<p>There will be 3 students not yet in a group because 45 divided by 7 is 6 with a remainder of 3. The remainder represents the remaining three students.</p>	<p>Title of book read _____</p>	<p>Answers will vary.</p>	<p>Answers will vary.</p>	<p>23 69/100 Twenty-three and sixty-nine hundredths $20+3+.6+.09$</p>
<p>Answers will vary.</p>	<p>1. $\frac{1}{2} + \frac{3}{4} =$ $\frac{2}{4} + \frac{3}{4} = \frac{5}{4} = 1 \frac{1}{4}$ 2. $1 \frac{5}{8} - \frac{7}{8} =$ $\frac{13}{8} - \frac{7}{8} = \frac{6}{8} = \frac{3}{4}$</p>	<p>\$49.99 49.99 + 39.99 ----- \$139.97</p>	<p>Answers will vary. Sample: The angle that forms with the thumb and index finger is approximately 90 degrees. The angles formed with the other fingers should be about half of 90.</p>	<p>The next 9 numbers are 9, 15, 21, 27, 33, 39, 45 and 51 and 57. Sample descriptions: All numbers are divisible by 3. There is a pair of numbers not divisible by 9 side by side. The ones digit repeats 9, 5, 1, 7, 3, 9, 5, 1, 7, 3.</p>
<p>The number sentences are not balanced because $3 \times 12 = 36$ and $100 \div 2 = 50$. Sample: I could add 14 to 36 so that both sentences equal 50.</p>	<p>Answers will vary.</p>	<p>Answers will vary.</p>	<p>Answers will vary.</p>	

Answer Key for Students Entering Grade 5 (Sample Answers)
August

Monday	Tuesday	Wednesday	Thursday	Friday									
<p>The difference is approximately \$100. $\\$800 - 700 = \\100</p> <p>The actual price is $\\$820 - 699 = \\121</p>	<p>Answers will vary.</p> <p>Samples: 6/16, 9/24, 15/40, 18/48, 12/32</p>	<p>Answers will vary.</p> <p>Sample: There are 4 people in my family so Approximate 360 divided by 4 is 90. $365 \text{ divided by } 4 = 91.25$</p>	<p>Solve in your math journal: Jennifer buys 5 yards of fabric to make pillows. Each pillow needs 25 inches. Will she have enough fabric to make 9 pillows? If not, how much more fabric will she need? If she has enough can she make more pillows? Show your work and explain your answer.</p>	<p>Title of book:</p> <hr/>									
<p>Answers will vary. Pictures should include 3 obtuse angles, 2 acute angles and 4 right angles.</p>	<p>Find the unknown(p):</p> <ol style="list-style-type: none"> 1. $352 + p = 924$ $p = 572$ 2. $700 - p = 254$ $p = 446$ 3. $25 \times p = 175$ $p = 7$ 4. $400 \div p = 8$ $p = 50$ 	<p>Sample answer:</p> <p>\$87.88 is close to \$90. There are about 4 weeks in a month. 90 times 4 is 360 so Juan spends about \$360 a month on groceries.</p>	<p>The partial products are 400, 120, 50 and 15.</p> <p>Area model:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">10</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">40</td> <td style="border: 1px solid black; padding: 5px;">400</td> <td style="border: 1px solid black; padding: 5px;">120</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="border: 1px solid black; padding: 5px;">50</td> <td style="border: 1px solid black; padding: 5px;">15</td> </tr> </table>		10	3	40	400	120	5	50	15	
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