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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Verbally name a number. Then say the number that is one more and one less. Do this with 5 different numbers. | 4 cats are playing with a toy. 3 more cats show up to play. How many total cats are playing with a toy? | Show different ways to decompose the number 10. | Count to 100 by 1’s and by 10’s. | Count to 31 starting from the following numbers:8, 10, 15, 19, 21, 23, 27, 29 |
| What is 2+3? Jump that many times.What is 4+2? Hop on one foot that many times. | Go into your yard. What shapes do you see? Draw a picture of the shapes. Label your picture. | 3 boys are swinging on the swings. 6 girls are playing tag. How many children in all? | Solve the number sentence.3+5=9+1=0+4=2+6=5+5= | Find 10 leaves and 13 rocks. How many more rocks do you have than leaves? |
| Sort your toys many ways. For example, by shape, size, color. Tell a family member the sorting rule you used each time. | Find two objects that are different lengths (a pencil, crayon, marker, etc.) Compare the length of the two objects. Which one is longer? Which one is shorter?  | There are 10 students on the school bus. 6 students get off the bus. How many students are still on the bus? | Solve the number sentence.8-3=9-0=3-2=7-4= | 6 children are playing outside on the playground. 4 children go inside. How many children are left playing outside? |
| Measure the length of toys or objects with non-standard measurements such as paper clips, pennies, or blocks. | Show 2 ways to decompose these numbers:3, 4, 5, 6, 7 | 9 ducks are swimming in a pond. 5 ducks fly away. How many ducks are left swimming in the pond? | Write the numbers 0 – 20 using a fun writing tool (marker, crayon, chalk, paint). | Talk about the calendar using terms like today, tomorrow, and yesterday. What day comes after and what day comes before a given day? |

Welcome to the summer math calendar for students entering first grade! This calendar is recommended, but not required. Reviewing these skills will maintain the foundation for math success at the next grade level. Talking about the problem is an important part of completing each activity, so should be worked on with a parent, guardian or older brother or sister. Feel free to extend or add to each activity!

*Upon completion of a problem, student should color in the box with a light color.*

Going into 1st Grade **July** 2019

Going into 1st **August** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|  | Complete the number sentence.\_\_\_\_\_\_ + \_\_\_\_\_\_ = 7\_\_\_\_\_\_ + \_\_\_\_\_\_ = 9 | Survey your friends and family. Use the survey question, “Do you like to swim?”  | Count how many more days there are left until school starts! How many days of summer have there been? | Sort your summer shoes and winter shoes. |
| Allie has 8 beach balls. Some are blue and some are pink. How many of each color could she have? | Write the number that comes before each decade number from 0 – 100.  | Draw 16 as 10 ones and some more ones.

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 | Line up your toys. Explain their position using ordinal numbers. | Write your own story problem! Have a family member solve it. |
| Count backwards from 30 to 1.  | Write the ages of everyone in your family in order from youngest to oldest.  | Count to 100 by ones. Clap when you say a decade number.  | Sing the days of the week song. What day is today? Yesterday? Tomorrow? | Sam has 10 marbles. 4 roll away. How many does Sam have left? |
| Count the dots. Explain the strategy you used to keep track.  | Solve the number sentence.3+5=9+1=0+4=2+6=5+5= | Find 3D shapes in your home (sphere, cylinder, cube, cone, rectangular prism). For example, a cereal box is a rectangular prism. | Count to 100 starting with the following numbers:22, 39, 40, 68, 75, 81  | Write the numbers 0 – 30 using a fun writing tool (marker, crayon, chalk, paint). |

Welcome to the summer math calendar for students entering 2nd grade! This calendar is recommended, but not required. Reviewing these skills will maintain the foundation for math success at the next grade level. Talking about the problem is an important part of completing each activity, so should be worked on with a parent, guardian or older brother or sister. Feel free to extend or add to each activity!

*Upon completion of a problem, student should color in the box with a light color.*

Going into 2nd Grade **July** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Drake had 18 crayons. He gave 5 crayons to Nicky. How many crayons does he have now? | Circle the number that makes the equation true.4 + 27 = \_\_\_\_ 15 47 31 | Write the numbers that are 10 more and 10 less.  \_\_\_\_\_\_ 109 \_\_\_\_\_\_ | Jane had 7 pens. Max gave her some more pens. Now Jane has 12 pens. How many pens did Max give Jane? | Is the equation true or false? 6 + 8 = 16True FalseTell someone what strategy you used to solve the answer. |
| Molly baked 16 cakes. She baked 7 fewer cakes than Sara. How many cakes did Sara bake? | Write the correct time http://t2.gstatic.com/images?q=tbn:ANd9GcQMcwfAcCQZnRQ8bwDSYcxDH3dP0nJ6dfo9wC9tPOEeL50t9Lrr | Dave saved three nickels, one quarter and two dimes. How much money did he save altogether? | Dan sees 4 cows. How many legs does he see altogether?  \_\_\_\_\_\_\_\_\_\_Explain to someone how you solved the answer. | Write four related facts using 4, 8, 12\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ |
| Solve for the unknown. Use the part - part whole strategy to help you.\_\_\_\_\_ + 6 = 1417 - \_\_\_\_\_ = 8 | Tell someone two attributes that could be used to describe this shape. | Harris has 6 stickers. He buys 3 more stickers every day. How many days does it take him to collect 18 stickers altogether? | There are six cars in the parking lot. How many wheels are there altogether? | Circle the shape with two equal shares. Explain your answer to someone. |
| On another sheet of paper write an addition word problem. Ask someone to solve it! | There are 15 popsicles. 7 of them are green and the rest are yellow. How many yellow popsicles are there? | Solve for the unknown. Use the part—part whole strategy to help you.\_\_\_\_\_ + 4 = 166 = 13 — \_\_\_\_ | Today I woke up at:http://t2.gstatic.com/images?q=tbn:ANd9GcQMcwfAcCQZnRQ8bwDSYcxDH3dP0nJ6dfo9wC9tPOEeL50t9Lrr | Josh has 14 pencils. Jenna has 7 fewer pencils than Josh. How many pencils does Jenna have? |

Going into 2nd **August** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Circle the number that is 10 less than 88.56 78 87 92 | Complete the equations 6 + 6 =12 – 9 =12 + 7 =14 – 5 = 12 - 3 = | 16 + 4 = 19True FalseDescribe to someone what strategy you used to solve the answer. | How many cents are two dimes, two nickels and 3 pennies? | True or False?8 + 3 = 2 + 9 |
| There are 3 baskets. Each basket has 9 eggs. How many eggs are there in all? | How many groups of ten can you make with 80 gumballs?  | Fill in the blank.A pentagon has \_\_\_\_sides and \_\_\_\_corners | There are 23 students in the class. 14 are boys. How many are girls? | True or False? 6 + 12 = 1 + 14 |
| Circle the number that makes the equation true.5 + 26 = \_\_\_\_ 34 29 31 | Make a list of all the ways you can use addition and subtraction to write number sentences that equal 10. | Solve and circle the numbers you add first. Explain to someone how you got your answer. 6 + 8 + 6 = \_\_\_ | Circle the number that is 20 more than 43.33 63 53 52 | Solve for the missing number:8 + \_\_\_ = 13 - 3 |
| Max had 3 sets of Crayola markers. Each set had 8 markers. How many in all?  | Draw tens and ones blocks to show the number 46 . | On a separate sheet of paper make a list of all the ways you can use addition and subtraction to write number sentences that equal 14. | http://t2.gstatic.com/images?q=tbn:ANd9GcQMcwfAcCQZnRQ8bwDSYcxDH3dP0nJ6dfo9wC9tPOEeL50t9LrrToday I ate lunch at: | There are five dogs, six cats and three birds. How many animals are there altogether? |

Welcome to the summer math calendar for students entering 3rd grade! This calendar is recommended, but not required. Reviewing these skills will maintain the foundation for math success at the next grade level. Talking about the problem is an important part of completing each activity, so should be worked on with a parent, guardian or older brother or sister. Feel free to extend or add to each activity!

*Upon completion of a problem, student should color in the box with a light color.*

Going into 3rd Grade **July** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Mrs. Glawe has $10.00 to spend for her lunch. If she buys a salad for $5.25, a drink for $1.25, and an apple for $0.50, then how much money will she have leftover? Will she have enough to purchase a cookie for $0.75? | Below is part of a hundreds chart. Fill in the missing numbers | Complete the fact family for: 5 + 3 = 8\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Write an addition word problem for another family member to solve. | Write your numbers by 5’s from 1 - 100. |
| Use the numbers 2, 3, 1, and 7 to write the largest number and then the smallest number. Explain to a family member how you know you have made the largest number. | Take a handful of coins. Sort them by name and create a bar graph to show your data. Remember your graph must have a title and labels on each axis. Write 3 facts that you notice about your data. | Find an analog clock (a clock with a face) and read the time of day to a family member. | Look around your house and identify geometric shapes (polygons, quadrilaterals, pentagons, hexagons, triangles, and octagons). Identify their attributes (sides, faces, corners). | Look around your house and identify solid shapes this time (rectangular prism, sphere, cone, cylinders). Identify their attributes. |
| Compare each pair of numbers. Write the correct comparison symbol (> or <) in each circle.124 134585 576 | Make as many different arrays as you can with the number 18. Write a number model for each array.*For example for 12:*xxxx3x4=12xxxxxxxx | Solve 432 + 318 using the strategy Addition Split:***Example:*** 146 + 235=100+200= 30040+30 = 706 + 5 = 11300+70+11=371 | Use the numbers 8, 4, 5 and 7 to write the largest number and then the smallest number. Explain to a family member how you know you have made the smallest number. | Verbally name a specific amount of money ($0.25). Build sets to show that amount. How many different coin combinations can be made? Which combination uses the fewest? |
| Identify 10 more and 10 less for the following numbers:\_\_\_\_\_\_\_ 37 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 137 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 58 \_\_\_\_\_\_\_ | Find a handful of change and count it. Take one more handful, count, and compare the two amounts. Which is greater? Less? | Solve this riddle: A pencil costs 40 cents. Joe buys 1 pencil and gets back a nickel in change. Joe paid for the pencil with 3 coins. Show or name the coins. | Write these numbers in expanded and number form: One thousand sixty five Three thousand two Four hundred fifteen Forty one | Order these numbers from largest to smallest: 66, 295, 410, 28, 149, 1, 630, 4,972, 48, 2533 |

Going into 3rd **August** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Solve this riddle. Start at 75. Subtract 50. Add 19. Add 100. What number am I? | How many edges and faces does this cube have? | Use the digits 3, 4, and 9 to write the largest 3 digit number that you can. Circle the digit in the 10’s place. | Write a story problem for this number sentence and solve. 142 -- \_\_\_ = 30 | Which units are used to measure length? Underline them. inch ounce gram foot yard meter pound centimeter half-inch |
| Play 10 questions with a partner: *One person thinks of a number between 1 and 100. The other person asks 10 yes or no questions to guess the number. (Ex: is it odd? Is it > 50?)* Try playing with numbers to 1,000. | Fold a piece of paper in half 2 times. Open it. How many rectangles? Now, fold it in half 3 times. How many rectangles? 4 times? Can you find a pattern? | How many cents do I have if I have 2 quarters, 3 dimes, 3 nickles, and 2 pennies? Can you show that same value using a different combination of coins? | Draw a line that is 10 cm long. Then draw one that is 3 cm shorter. | How many quarters make $5.00? How many dimes? Nickels? Do you notice any patterns? |
| Use quarters, dimes, and nickels to make $1.00. How many different ways can you make $1.00? | The numbers in my fact family are 9, 7, and 16. What are the two addition and two subtraction number sentences you can make using these numbers? | Which is greater; 128 - 32or87 + 15?How do you know? | Find an adult’s shoe. Measure the length in inches and centimeters. Record. | Sit outside for 15 minutes. Make a bar graph of the number of birds, trees, bees and flowers you see. Show your family. |
| Solve: I had 56 shells, and I found some more. Now I have 65 shells. How many shells did I find? Write another word problem like the one above and have someone else solve it. | Write a 4-digit number. Circle the number in the thousands place. Put a square around the number in the tens place. | Looking at a calendar, ask a friend or family member to choose 4 days that form a square. Your friend should tell you only the sum of the four days and you determine the four days s/he selected. | Count by 3’s, 4’s, and 11’s. *Use an online number grid if you need help.* | Bruce had 16 baseball cards in September. In October he had 20 cards, in November he had 24 cards. If the pattern continues, in what month will he have 52 cards? Show your work. |

Welcome to the summer math calendar for students entering 4rd grade! This calendar is recommended, but not required. Reviewing these skills will maintain the foundation for math success at the next grade level. Talking about the problem is an important part of completing each activity, so should be worked on with a parent, guardian or older brother or sister. Feel free to extend or add to each activity!

*Upon completion of a problem, student should color in the box with a light color.*

Going into 4th Grade **July** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Which products are even?3 x 5=2 x10=7 x 4=8 x 3=6 x 5=How do you know? | Draw a rectangle with a perimeter of 24 inches. Label each side of the rectangle. Draw a different rectangle with the same perimeter. *Label each side of the rectangle.* | Write a multiplication word problem for another family member to solve. | Complete the fact family for: 7 x 5 = 35\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | There are 40 chairs in the classroom. The chairs are arranged in rows. Each row has 10 chairs. How many rows of chairs are in the classroom? |
| 411 when rounded to the nearest hundred is 400. What other numbers round to 400 when rounded to the nearest hundred? Give at least 3 examples. | Circle the shapes that are portioned correctly. | A customer spends $98 at the Bookstore. What did she buy?

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| Bookstore |
| Comics $3 |
| Hardcover Books $10 |
| Paperback Books $6 |
| Magazines $2 |

 | http://t2.gstatic.com/images?q=tbn:ANd9GcQMcwfAcCQZnRQ8bwDSYcxDH3dP0nJ6dfo9wC9tPOEeL50t9LrrShow 7:15pm on the clock below. | Write a division word problem for another family member to solve. |
| Scarves come in packages of 3 for $5. How many scarves could you buy for $25? | What is the perimeter of the rectangle?8 ft15 ft | Ticket sales from the first movie generated $457. Some more money is generated from the sale of tickets for the second movie. The total income generated from both moves is $958. How much money was generated from the sale of tickets for the second movie? | Round 628 to the nearest ten. Discuss with a family member: How does thinking about place value help you round to the nearest ten? | There are 520 students at Springwood Elementary School. 372 students ride the bus to school. 68 students take a car to school. Some students walk to school How many students walk to school? |
| Find an analog clock (a clock with a face) and read the time of day to a family member. | Look at the equations. Write word problems to match each equation.20 ÷ 4 = ?7 x 5 = ? | Write a 3-digit number. Round it to the nearest ten.Ask a family member to write a 3-digit number. Round it to the nearest ten. | What is the area of the rectangle? | Which pair of numbers has a sum of 20 and a quotient of 4? |

Going into 4th **August** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Sue swims in the pool from 1: 10 to 1: 35. Draw a clock to show the time at which she began to swim. | Make a list of the ages of each family member. Round each family member’s age to the nearest ten. | Which of the following is true? * 20 – 5 = 19 – 3
* 9 + 8 = 10 + 7
* 2 x 3 = 2 + 3

Explain why the others are false? | Insert < , > , or = in the following blank lines. 1/5 \_\_\_\_\_ 1/91/6 \_\_\_\_\_ 1/34/5 \_\_\_\_\_ 2/51/2 \_\_\_\_\_ 2/4 | Measure your length of your finger in inches. Measure the length of an adult’s finger. Write and solve an equation to determine how much taller your parent is than you. |
| Survey 10 people and ask them what their favorite animal is. Create a bar graph to show your results. | Draw a number line from 0 to 5. Label the following fractions: $\frac{1}{4}$, $\frac{1}{2}$ , $\frac{20}{8}$,1½, 4¾ | What number am I? I am less than 25 x 10 and greater than 22 x 10. I am a multiple of 5. I am odd. The sum of my digits is 10. | Pick a two-digit number, multiply it by 10 and subtract the original number. Is this number divisible by 9? Why? Try it 4 more times. | 30 people are eating lunch together and want to share sandwiches. If each person eats $\frac{1}{6}$ of a sandwich, how many sandwiches should be ordered? |
| Draw rectangles that have a perimeter of 20 units. Find the area of each rectangle you drew | Write down 10 fractions that are equivalent to $\frac{1}{2}$ . | Find a shoebox. Measure the perimeter of the top of the box. If a stamp is 1 x 1 inches, how many are needed to make a border around the top? | Solve the following:325 + \_\_\_ = 375 500 = 475 + \_\_\_ \_\_\_ + 550 = 600 275 + \_\_\_ = 350 300 — \_\_\_ = 225 | Martin drew 4 rows of seashells with 5 seashells in each row. How many seashells did he draw in all? Write an equation to represent how you could find this using multiplication. |
| Marcy bought 4 boxes of pink beads. Each box has 50 pink beads. She also bought 3 boxes of blue beads. Each box has 20 blue beads. How many more pink beads than blue beads did Marcy buy? | Tony ate one third of the cake and John ate one sixth of the cake. Who ate more? Draw a picture to show your reasoning. | You are drawing a picture on your driveway with chalk that is 4 feet long and 7 feet wide. What is the area of your picture? | Determine the area of the figure below:8 ft5 ft | What fraction is this? Write an equivalent fraction to this value. |

Welcome to the summer math calendar for students entering 5th grade! This calendar is recommended, but not required. Reviewing these skills will maintain the foundation for math success at the next grade level. Talking about the problem is an important part of completing each activity, so should be worked on with a parent, guardian or older brother or sister. Feel free to extend or add to each activity!

*Upon completion of a problem, student should color in the box with a light color.*

Going into 5th Grade **July** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| A student says that 1/5 is bigger than 1/4 because 5 is bigger than 4.Are they correct? Why or why not? | Sarah rounded a four- digit number to 3,500. What could her number be?What other numbers could be rounded to 3,500? | Alex says the shape above is a rhombus. Carolyn says the shape is a square. The teacher says they are both correct. Why? | Write the following number in expanded form.24,036 | Write a multiplication word problem and teach someone the steps to solve it. |
| Brinkley and Bodie each ate ¾ of a dog bone. Brinkley ate more than Bodie.Explain how this is possible. | Solve:4,689-2,3495,008-8991,000-749 | Four families each brought the same number of chairs to a block party. Three more chairs are needed to seat all 27 of the participants. How many chairs did each family bring? | In the Land of Oz lives Ozzie. He is confused about time. He is trying to figure out how many times a day the hour hand passes a number that is a multiple of 3. What is the answer? | Explain how you would solve for x in the problem below:68 + x = 413 |
| 3.09Is this number closer to 3 or 4?Is this number closer to 3 or 3.1?Be sure to explain how you know. | Order these decimals from least to greatest:34.0933.9934.9034.08 | Draw three different shapes that all have a perimeter of 46.How are they similar? How are they different? | The area of Mr. Bird’s rectangular garden is 240 square feet. Give at least two different possible measurements for his garden. Compare the perimeters of these gardens. | Sean has 21 cents in his pocket. Sean told Jesse that he would give Jesse the 21 cents if he could correctly guess what coins they were. He would give Jesse 3 guesses. If Jesse did not guess correctly, Jesse would have to give Sean 21 cents. Should Jesse guess? Explain. |
| Write a division word problem and teach someone the steps to solve it. | Two brothers want to make muffins for the 35 kids at their summer camp. They have $5 to spend on muffin mix. The box of muffin mix said it would make 12 muffins. Each box is $1.25.Will the boys be able to make enough muffins? | Order these fractions from least to greatest.1/3, 1/8, 1/5, and 1/10Draw a model to prove you are correct. | Solve:24 x 5 = ?312 x 6 = ?129 x 12 = ? | The difference between two numbers is 2,106. What could the two numbers be? What other two numbers have the same difference? |

Going into 5th **August** 2019

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| Using a restaurant menu or newspaper advertisement, choose an appetizer, salad and main dish. Find the total of your meal. | Find a chart or graph in the newspaper. Find the range of the numbers for the information that was graphed. | Gather 5 chapter books. Determine how many pages are in each book. Find the mean, median, and mode of these numbers. | Figure your age in months. Figure out how many days old you are. Don’t forget leap years! | Figure out how many days old you are. Don’t forget leap years! |
| Gather three store receipts. Find the total amount that was spent not counting the tax. | Survey five people to find their favorite outdoor activity. Graph the results. | List at least 24 different combinations of coins that equal $1.00. (There are 294 ways!) | Use a magazine to find three pictures that have at least one line of symmetry. | Use outdoor chalk to draw a hexagon, pentagon, and octagon on the driveway or sidewalk . Now see if you can find a line of symmetry for each. |
| Calculate the average age of the people that live in your house. How would the average change if your grandmother lived with you and she was 90 years old? | Use a ruler to draw a 3cm by 4cm rectangle. Then find its perimeter. Now find its area. Be sure to label your answers. Now find the area and perimeter of a square that has sides that are 5 inches long. | Use the numbers 4, 5, 3, and 2 and any operations (addition, subtraction, multiplication, division) to create at least 10 problems that all have different answers. | A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weight? | Caroline ate 2 and 2/3 pieces of pizza. You ate 3 and 2/3 pieces. How much pizza did you eat altogether? |
| Draw a right triangle with two equal angles. Where do you see this shape around you? | Write a decimal for the model: | What is 1486 divided by 3? Show your work. | Harold made a rectangular dog run in his backyard. The area of the dog run is 96 square feet. What are three different possible dimensions of the dog run? | Make three different arrays to show the factor pairs of 16. |