Grade 3 Summer Math Review Calendar June-August

Dear Families,

Research shows that most students lose about two months worth of skills in mathematics during the summer months. You can help stop this from happening by adding a little bit of math work into your summer routine. Attached to this letter are math review calendars for June, July, August. For each day on the calendar, there is a question, problem, or activity for your child to do at home that will help to review the concepts learned during the school year. It is suggested, by your child's math teacher, that your child will work each day to review and talk about the concept with a family member. Encourage your child to explain to you what he/she knows and to show his/her thinking using words, numbers, and pictures. Please initial each day of the calendar as your child completes each task. Your initials will indicate that your child not only did the task, but that you also talked about it together and looked at the work to ensure the solution was correct.

Your child is encouraged to return the math review calendar to his or her new teacher with all of the days initialed. I hope you will enjoy letting your child show you how much they've learned!

Thank you! ☺

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Prove: $6 \times 3 = 3 \times 6$	Multiply: $7 \times 8 = n$ $6 \times 7 = b$ $9 \times 8 = x$	A rhombus has a perimeter of 16 inches. What is the length of each side?	Solve: $398 + 421 = n$ $500 - 215 = n$	Draw a picture to represent and solve: $40 \times 7 =$ ___	Your family orders a pizza cut into 6 equal slices. Write the unit fraction that represents one of the slices.	There are 28 people waiting to ride on the *Twirly Tea Cup*. If each car holds 4 people, how many cars would be filled?
What number does "n" represent? $n \times 8 = 40$	Compare using >, < or = 3×8 ___ $6 + 19$	Draw a model to represent $\frac{6}{6}$	Practice your multiplication facts. Use flash cards or a website	Draw two different quadrilaterals. How are they the same and different?	$700 - 292 =$ _____ $645 - 382 =$ _____ $308 - 56 =$ _____	Write a story problem, using 3-digit numbers that can be solved using subtraction.

Grade 3 Summer Math Review Calendar June-August

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Hank put 21 M&Ms equally into 3 bags. How many M&Ms are in each bag? ____ M&Ms Draw and label a picture to show your thinking.	Select ALL of the numbers that can be rounded to 700 when round to the nearest hundred. a. 614 b. 673 c. 711 d. 684	True or false? 476 + 538 =1,114 If false, provide a correct sum.	Write as many multiplication and division equations as you can for 7, 5 and 35. Each number can only be used once.		Jack bought 4 packs of candy. Each pack has 10 pieces in it. If he divides all the candy equally between 8 people, how many will each person get? Write an equation to represent this problem. Use a letter for the unknown.	There are 674 people at the sand castle contest this year, which is 129 fewer people than last year. How many people were at the contest last year?
Practice your multiplication facts. Use flash cards or a website.	How can 4 people share 24 lollipops?	Practice your division facts. Remember to think multiplication. Use flash cards or a website.	Circle all the equations that are TRUE. a. 3 x 4 = 6 x 3 b. 24 ÷ 4 = 30 ÷ 5 c. 35+40 = 58 - 32 d. 200 – 198 = 1 x 2	Compare using <, >, or =. $\frac{10}{8}$ ___ $\frac{5}{8}$ Prove your thinking with a model.	Find the missing addend: 25 + ____ = 57	A rectangular room is 7ft. by 21ft. What is the perimeter of the room?
Create a number line that represents $\frac{7}{4}$.	Record the multiplication facts for 4's and 8's. What pattern do you notice with the products?	Tell if each number sentence is true or false. 14÷2 = 25÷5 ___ 63 + 68 > 134 – 63 ___ 7 x 6 < 30 + 6 ___	5 x 30 = n n= _____ Show your thinking.	Subtract: 970 – 452 =	If a rectangle has an area of 12 sq. in., what could be the measurement of the sides?	Write a story problem that can be solved using multiplication.
Create a visual model to show how you can decompose one of the factors to solve 6 x 8. Label the visual model.	Find the missing number in this equation: 835 – n = 460	A rectangle has a width of 3 cm and a length of 9 cm. What is the area?	Your family bought a sub sandwich and cut it into 8 equal parts. Three pieces were not eaten. Write the fraction that represents how much of the sub was eaten.	Draw a model to prove that $\frac{1}{2} = \frac{4}{8}$	What multiplication equations does this array represent? *	Amy baked 4 batches of cookies. Each batch had 8 cookies. She took 18 cookies to school and left the rest at home. How many cookies did Amy leave at home?
Estimate the length of an object to the nearest half-inch. Measure the actual length to the nearest half-inch.	Find the perimeter of a rectangle with a length of 6 inches and a width of 3 inches.	What fraction represents the unshaded part? 	Tom's used 10 x 6 to solve 9 x 6. Explain how.	Practice your multiplication facts. Use flash cards or a website	Round 123 to nearest ten. Draw a number line to explain your thinking.	Find the sum. **327 + 493 =**

Grade 3 Summer Math Review Calendar June – August

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Connor bought 3 boxes of ice cream sandwiches with 6 in each box. He ate 4. How many does he still have? Write an equation to show your thinking.	Cindy has painted one side of a picture frame. What fraction represents the amount of the frame that still needs to be painted?	Multiply. 6 x 3 = ___ 4 x 7 = ___ 8 x 6 = ___ 5 x 9 = ___	Sunset Beach is 542 miles away. The Crabb family drove 176 miles before stopping for gas. How many more miles before they get to the beach?	Use a double number line to show that 3 x 4 = 4 x 3.	What might be the measurements of the sides of a rectangular game table with a perimeter of 14 ft.?	There were 531 building blocks in a tub. Jackson used 240 to build a truck and 80 to build a cart. How many blocks were left? Write an equation to represent this problem. Use a letter for the unknown.
When is your birthday? _____ Figure out how many more days until your NEXT birthday!	A square patio has an area of 36 square feet. What is the length of each side?	Represent the number $\frac{1}{2}$ in at least two different ways.	Draw two quadrilaterals that have 2 common attributes. Tell someone what attributes they share.	Divide. 24 ÷ 8 = ___ 21 ÷ 3 = ___ 16 ÷ 4 = ___ 36 ÷ 9 = ___	The school ordered 8 boxes of new books. There are 40 books in each box. How many books were ordered?	Write a division story problem using the numbers 6, 4, and 24. Share your story problem with a friend or family member.
How many quadrilaterals are in the figure below? 	What multiplication equations have a product of 18?	Draw two rectangles with an area of 8 square units. What is the perimeter of each?	Compare $\frac{1}{3}$ and $\frac{1}{5}$. Explain your reasoning to a family member or friend using what you know about unit fractions.	Draw two area models to show 2 ways to solve 8 x 6. Label the area model to show your thinking.	Which symbol makes this number sentence true? >, < or = 18 ÷ 3 ___ 2 x 3	Estimate then solve: 219 + 345 =
Draw two area models to show 2 ways to solve 6 x 4 = n. Label the area model to show your thinking.	What multiplication equation could be used to solve 4 + 4 + 4 + 4?	Draw a picture that includes 3 squares, 4 rectangles, 2 rhombuses, and one circle.	Find the sum. 345 + 369 = n 637 + 185 = x	What multiplication equation could help you solve? 56 ÷ 7 = 8	Find the difference. 701 – 428 = n 650 – 347 = n	What are the defining attributes of a rectangle? What are the defining attributes of a square rectangle?
Write two fractions that are equivalent to $\frac{1}{2}$ and draw a picture to show they are equivalent.	Sue has 428 stickers. Sam has 623. How many more does Sam have than Sue?	Find the difference. 502– 371 = n 433 – 297 = p	What multiplication number sentence could be used to solve? 3 + 3 + 3 + 3?	Sue subtracted a group to solve 9 x 7. Explain what Sue did. Use a visual model to support your explanation.	Find the missing number. 256 + 389 = x 492 + 248 = n	Bring your signed calendar to school to share with your teacher.