

Math fact fluency
Problem Solved!

Dear Parents/Guardians,

Reflex is a great way for students to continue to sharpen their math fact fluency skills during the summer months.

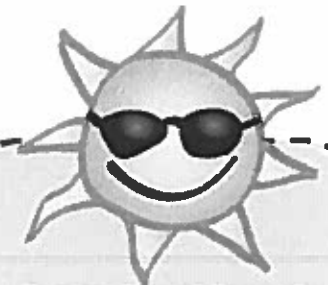
- Students are encouraged to login to www.reflexmath.com at least 3 times a week and strive for the "green light" each time.
- Your child can utilize the *Reflex* math program from any device with internet access throughout the summer.
- Reflex helps students of all ability levels to develop fluency with their basic facts in addition, subtraction, multiplication and division.
- Reflex continuously monitors your child's performance to create an optimal experience for them.
- Reflex is game-based and highly motivational so students enjoy the learning process.
- Parents can easily monitor their child's progress by creating a Reflex Parent Account. Use the instructions listed on the right to **Create a Parent Account**.

Your child's Reflex login information is listed below or their login card is attached.

Username : _____

Class : _____

Password : _____

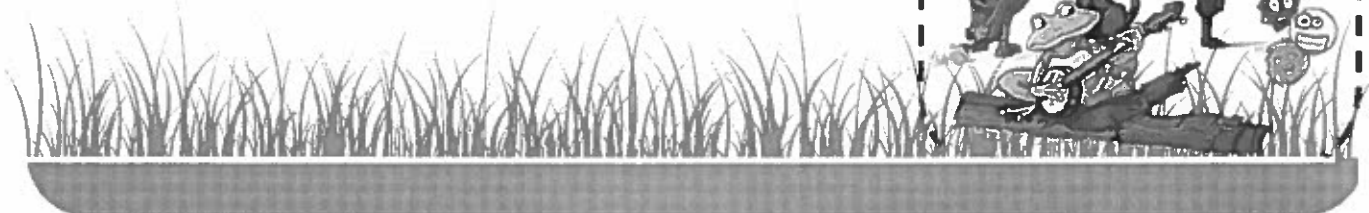


Create a Parent Account

To set up an account, you will need your child's Reflex login information provided on this letter.

Username
Class
Password

- Go to www.reflexmath.com
- Near the bottom of the screen, click-
Sign up for a free Reflex Parent Account today!
- Enter a valid email address as your **Username** and click -
Sign Me Up
- Click the **Activation Link** in the email you receive and create a **Password** when prompted
- Click **Register** when done.
- Once registered, login to Reflex at www.reflexmath.com and enter your **Username** (email address) and **Password** and click **Submit**.

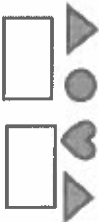




ROCKS JULY PROBLEM OF THE DAY

NAME _____ Grade _____ ****Incoming 1st and 2nd graders

Directions: Follow the daily activities to practice different math concepts. When the work is completed, have a parent initial the box showing that you completed that activity. Give this calendar to your teacher on the first day of school.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
100-99= <input type="text"/>	Complete the sequence 12,9,6, <input type="text"/>	What is the value of 2 tens? <input type="text"/>	3+4+6= <input type="text"/>	How much is 1 nickel and 5 pennies? <input type="text"/>	Complete the pattern 	10 less than 28 is <input type="text"/>
Find the difference between 20 and 4 <input type="text"/>	5 red crayons + 6 green crayons= <input type="text"/>	How much is 2 dimes, 1 nickel and 3 pennies? <input type="text"/>	Write the age of 4 of your family members <input type="text"/>	Look at a clock and Write the current time <input type="text"/>	15-9= <input type="text"/>	Count by 5's with a family member
What's next? 2,4,6,8, <input type="text"/>	6+7= <input type="text"/>	Circle the number in the tens place 62	If every tooth is worth one dollar, count your teeth and find out how much your entire mouth is worth! <input type="text"/>	If a moon cycle is 28 days, how many weeks is that? <input type="text"/>	Count by 10's with a family member	2 beach balls +3 beach balls+6 beach balls = <input type="text"/>
17+5= <input type="text"/>	Count backwards from 30 to 0	Ask someone to time how long you can jump on your right foot, then your left foot <input type="text"/> <input type="text"/>	Play a game using numbers like Connect 4 or Dominoes	What number comes before and after 57 <input type="text"/> 57 <input type="text"/>	Solve 7+7= 7+8= 8+8= 8+9=	How many jumping jacks can you do in 1 minute? <input type="text"/>
How much is 5 nickels? <input type="text"/>	Count how many books you have. <input type="text"/>	Who is the tallest in your family? Who is the shortest? <input type="text"/> <input type="text"/>	Help sort the laundry into groups BY COLOR, SHAPE, OR TYPE	Find 10 numbers in the newspaper. Order from smallest to largest	Circle the number in the ones place 23	Solve 5+5= 6+6= 7+7= 8+8=



Math

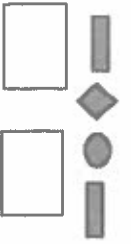
AUGUST PROBLEM OF THE DAY

NAME _____

GRADE _____

****For Incoming 1st and 2nd Graders

Directions: Follow the daily activities to practice different math concepts. When the work is completed, have a parent initial the box showing that you completed the activity. Give this calendar to your teacher on the first day of school.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Estimate how many pieces of cereal would fill $\frac{1}{2}$ cup. Now count how many pieces fill the $\frac{1}{2}$ cup <input type="text"/>	Write the fact family for 12, 9, and 3	Count backwards from 45 to 0	Solve $14-6=$ $14-8=$ $8+6=$ $6+8=$	Ask a grown-up for a pile of coins. Show all the ways to make 15 cents	Count by 2's to 50 starting with 12	Tell an adult an addition story problem for $4+8=$
Complete the pattern 	How much is 1 quarter and 3 dimes? <input type="text"/>	Tell an adult a subtraction story $12-4=$	Measure the length of your arm <input type="text"/> leg <input type="text"/> foot <input type="text"/>	Count to 200 with an adult	Complete the sequence 50, 60, 70, _____	Solve $13-9=$ <input type="text"/>
Circle the number in the tens place 439	Solve <input type="text"/> = $9+5$	8 tens +4 ones = <input type="text"/>	Solve $4+ $ <input type="text"/> = 13	How much is 4 groups of ten? <input type="text"/>	Count the number of clouds in the sky <input type="text"/>	Count by 100's to 1000 starting with 300.
Have Fun	Practicing	Your	Math Skills	Over	The	Summer!!

**Be sure to give this to your teacher on the first day of school!



Summer Math Calendar

Going into Third Grade



Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher on the first day of school.

Choose 15 or more to complete

Monday	Tuesday	Wednesday	Thursday	Friday
<p>What time did you go to bed last night? What time did you get up this morning? Draw 2 clocks and show these times. How many hours did you sleep?</p>	<p>Sue swims in the pool from 1: 10 to 1: 35. Draw a clock to show the time at which she began to swim.</p>	<p>Using the numbers 63, 18, 30, 49, tell which two numbers you would add to get the greatest sum. Add them together.</p>	<p>Name 3 activities that you did yesterday. What time did you do each activity? Draw a picture of each activity and write a. m. or p. m. for each activity.</p>	<p>Set out 4 bowls. Put the same number of objects in each bowl. How many objects are in each bowl? Write an addition sentence to show how many objects are in all 4 bowls.</p>
<p>Write the missing numbers on the lines below: 12, 15, 18, _____ 8, 12, 16, _____</p>	<p>One way to make 12 is $8 + 4$. Write 4 other addition facts for 12.</p>	<p>Using a group of different coins, sort the coins into groups of the same kind. How much is in each group?</p>	<p>One way to make 9 is 18 - 9. Write 4 other subtraction sentences that have an answer of 9.</p>	<p>Look at a calendar. On what days of the week do the 5th, 13th, 26th and 30th fall?</p>
<p>Add the ages of each of your family members together. What is the sum?</p>	<p>Count the number of forks and spoons in your kitchen. How many do you have in all?</p>	<p>One way to make 15 is $8 + 7$. Write 4 other ways to make 15.</p>	<p>Using coins show 2 ways to make 25 cents, 40 cents, 38 cents, and 78 cents.</p>	<p>Identify the rule for each pattern and then continue the pattern: 5, 7, 9, 13, _____ 75, 80, 85, 90, _____</p>
<p>Make a list of the ages of each family member. Round each family member's age to the nearest ten.</p>	<p>Look for a pattern in the times listed below. Complete the pattern by filling in the lines. 2: 18, 2: 22, 2: 26, _____</p>	<p>Write the numbers below in expanded form. (Ex. $345 = 300 + 40 + 5$) 836 203 427 650</p>	<p>Gather five different boxes of food such as rice or cereal. Measure the height of each box in inches. Which box is the tallest? Which box is the shortest?</p>	<p>Cut out coupons showing 50 cents or less.</p>

Name _____



Summer Math Calendar

Going into Third Grade



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Choose 10 or more to complete

Monday	Tuesday	Wednesday	Thursday	Friday
Write all the addition sentences that have an answer of 9. Now write all the addition facts that have an answer of 10.	List the ages of each family member. Use these numbers to write as many number sentences as possible using the greater than and less than signs.	Solve the problems below and then draw a picture to match each number sentence. $18 + 2 = 6 =$ $29 + 17 =$	Solve the problems below and make up a story for each problem. $13 - 5 =$ $15 - 8 =$	Is the number of pets in your house greater or less than the number of people? Write a number sentence using greater than or less than sign to show this.
Skip count by 2's, 5's, 10's to 100. Write each pattern on a piece of paper.	Use a ruler to measure 5 things in your house. Arrange them in order from tallest to shortest.	Tell how many tens are in each number below. 63, 48, 18, 95, 30.	Write each number below in expanded form. (Ex. $234 = 200 + 30 + 4$) 572, 386, 104, 840, 581	Add: $38 + 67 =$ $75 + 13 =$ $17 + 36 =$
Subtract: $85 - 35 = \underline{\quad}$ $54 - 39 = \underline{\quad}$ $78 - 31 = \underline{\quad}$	Use paper clips to measure a pencil, pen, and book. Draw a picture of the items from shortest to longest.	Draw three shapes. Color $1/4$ of each shape red.	Use coins to count back the change you would get if you bought candy for 12 cents and paid for it with a quarter.	Find four canned food items. Which one do you think is the lightest? Which one do you think is the heaviest? Weigh them to find out.



Summer Math Calendar

Going into Fourth Grade



Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher on the first day of school.

Choose 15 or more to complete

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Buy a small bag of M & M's. Pour them into a jar. Estimate how many M & M's are in the jar. Count the candy to see how close you are.</p>	<p>Look at advertisements for cars in the newspaper. Choose a car you like and round the price to the nearest thousand.</p>	<p>Using a restaurant menu, have each family member decide what he/she would order. Find the total cost of all the meals they chose.</p>	<p>Write the addition and subtraction fact families for the following sets of numbers: 3, 5, and 8 23, 9 and 14 7, 13, and 20</p>	<p>Draw two cards from a deck of cards (number cards only). Find the sum and difference of the cards. Repeat this 10 times</p>
<p>Measure your height in inches. Measure the height of a parent. Write and solve an equation to determine how much taller your parent is than you.</p>	<p>Create a time line for yesterday beginning at the time at which you woke up and ending at the time you went to bed. Include at least 8 events on your time line.</p>	<p>Gather 4 different boxes of food such as rice or cereal. Measure the width of each box in inches and centimeters. Which box is the thinnest? Which box is the widest?</p>	<p>Estimate the weight of a handful of coins. Weigh them to find their actual weight and calculate the difference between your estimate and the actual weight. Repeat this with other items.</p>	<p>Go to the store with a parent. Record the time you arrive and the time you leave. How much time did you spend in the store?</p>
<p>Determine what time it is now. What time will it be in one half hour from now? Forty- five minutes from now?</p>	<p>Survey 10 people and ask them what their favorite animal is. Create a bar graph to show your results.</p>	<p>Roll two dice. Multiply the two numbers rolled and write an equation to show this. Repeat this 10 times.</p>	<p>Flip a coin 10 times. Record how many times it landed on heads and tails. Multiply those two numbers together. Now have a friend do the same. Repeat this 4 times. The person with the highest product wins.</p>	<p>What is the greatest and the least number you can make using the digits 1, 4, 8, 2, 3 and 7? You may use each digit only once in a number.</p>
<p>Make a list (with products up to 100) of all the multiplication facts that are doubles (ex. $1 \times 1 = 1$).</p>	<p>Take turns rolling 3 dice with a partner. After each turn find the product of the 3 numbers. Record your products and add them together after each turn. The first person to reach 500 wins.</p>	<p>Write an equation showing how 12 cookies could be shared between 2, 3, 4, and 6 children.</p>	<p>See how many different ways you can divide 20 colored pencils or crayons equally. Write a division equation for each way you find.</p>	<p>Count the number of windows and doors in your home. Determine if these numbers are odd or even.</p>

Name _____



Summer Math Calendar

Going into Fourth Grade



Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher on the first day of school.

Choose 10 or more to complete

Monday	Tuesday	Wednesday	Thursday	Friday
Find the mean of the number of pages of your 3 favorite chapter books. (Hint: find the total number of pages and divide by the number of books.)	Count out fifty cards from a deck. See how many different ways you can divide them into equal groups. Write your division sentences on paper.	Have a multiplication bee with another family member using flash cards.	Roll two dice. Write the four multiplication and division fact family sentences that include these two numbers.	Weigh yourself on the scale. Multiply the number of pounds by your age.
Draw two shapes below. Color $\frac{1}{2}$ of each shape red. Color $\frac{1}{4}$ of each shape blue.	Find 10 items in your house that are less than one foot long. Estimate how many inches long each item is. Measure the items and find the difference between your estimates and the actual lengths of the items.	Go outside and gather as many rocks or pebbles as you can in 10 minutes. Count how many you have and multiply this number by 6 to see how many rocks you could gather in one hour (60 minutes).	Look in the newspaper to find out how many minutes long a movie you would like to see is. Multiply the number of minutes by 2. Determine how many hours and minutes this is.	Count the number of letters in each family member's names. Find the mean of these numbers by adding these numbers together and dividing by the number of names you used.
If your family ordered two pizzas for dinner and each pizza had 8 slices in it, how many pieces of pizza would each of your family members be able to have (they each must have the same number of pieces). What could you do with any left over pieces?	Using a small bag of pretzels, lay the pretzels out in even rows. (You may eat any leftovers.) Divide the total number of pretzels by the number of rows. Repeat this several times by making a different number of even rows.	Find a chapter book you want to read. If you were to read this book in exactly one week, how many pages would you have to read each day, if you read the same number of pages each day? Start reading the book today and see if you can finish it within seven days.	Count the money in your piggy bank or gather a handful of coins and determine the value. If you had to spend all of it within 5 days, how much money would you have to spend each day? (You must spend the same amount of money each day.)	Find out what the running speed in miles per hour of seven different animals is. Determine the median of these numbers. (Hint: list the speeds from least to greatest and find the number that is in the middle of the list.) Repeat this with other types of information.



Summer Math Calendar

Going into Fifth Grade



Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher on the first day of school.

Choose 10 or more to complete

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Roll two dice or number cubes. Total the numbers. Multiply that number by 4. Repeat this 5 times.</p>	<p>Flip a coin 25 times. Write a fraction to show how many times it came up heads and one to show how many times it came up tails.</p>	<p>Change the fractions you wrote yesterday to decimals. Add the fractions together and change the answer to a decimal.</p>	<p>Find all the different ways you can divide a deck of cards into equal amounts with no cards left over. Write division sentences to show the different ways you found.</p>	<p>If you get up at 7: 30 a.m. and need to be at your friend's house at 8:15 a.m., how much time do you have to get ready if it takes you ten minutes to walk there?</p>
<p>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.</p>	<p>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.</p>	<p>Write two different number sentences that are equal to 48. Each number sentence must contain the four operations (addition, subtraction, multiplication, and division).</p>	<p>A cantaloupe weighs 56 ounces. There are 16 ounces in a pound. How many pounds does the cantaloupe weigh?</p>	<p>There are four cups in one quart and 4 quarts in a gallon. How many cups are there in 4 gallons of fruit punch? How many pints is this?</p>
<p>Linda is going to have new flooring put in her bedroom. If her bedroom is 8 feet by 10 feet, how many square feet of flooring will be needed? What is the area and perimeter of Linda's bedroom?</p>	<p>Ben has 6 square tiles. Each tile has a width of 8 inches. He lays the tiles down in a long row. What is the perimeter of the row of tiles?</p>	<p>Name some capital letters that when printed have at least one pair of parallel lines. Did you find any that have two pair of parallel lines?</p>	<p>Evan can paint 18 pots in one hour. His brother can paint 4 fewer pots per hour than he paints. How many pots can they paint in 3 hours, 30 minutes?</p>	<p>Tyler sent a package with one 60 cent stamp, four 32 cent stamps, three 25 cent stamps, and four one cent stamps. What was the total postage on the package?</p>



Summer Math Calendar

Going into Fifth Grade



Directions: Follow the daily activities to practice different math concepts. Feel free to extend any of the activities listed. When the work is completed, have a parent initial the box showing that you completed that activity. Give the calendar to your teacher on the first day of school.

Choose 15 or more to complete

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.	Make five triangles using ten toothpicks.	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.
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?	Measure the length and width of your bedroom. Multiply to find the area. Be sure to label your answer with the correct unit of measurement.	Gather 5 different size boxes. Measure their height and width in inches and centimeters. Order the heights from smallest to largest. Do the same for the widths.	Using a deck of cards, take two cards at a time and multiply the numbers. (Let a Jack = 11, a Queen = 10, a King = 0, and an Ace = 1.) Write the multiplication equation for each pair of cards. Repeat this until all the cards have been used	Do jumping jacks for one minute and count how many you were able to do. Do sit ups for 15 seconds and count how many you were able to do. Divide the number of jumping jacks you did by the number of sit ups you did.
Find four numbers that are larger than 1,000 in a newspaper. Put them in order from least to greatest and then order them from greatest to least.	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.	Using an eyedropper, drop water onto different size coins. Count the number of drops you can put on each coin before water begins to spill off. Graph your results using a bar graph.	Empty out a small bag of different colored candy. Express the amount of each color of candy as a fraction. (Hint: the number of pieces of candy of each color to the total number of candies.)	Write down the names and prices of five cars you find in the newspaper. Order the prices from least to greatest. Round the price of each car to the nearest thousand.

Name _____