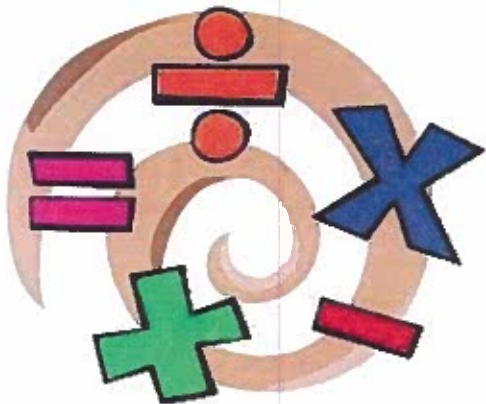




Moving into 4th Grade Summer Math!



Name: _____



Here are a variety of math activities to try this summer. We will be having a bulletin board to display all the math activities that are brought in to school. There are a few ways to share what you selected, which include taking a photograph, drawing a picture, or making a graph.

Math and Your World

Spend a day looking for symmetry, angles, shapes, and patterns both inside your house and in the Island Trees community.

Math and Sports

Create word problems using information from a sports game. For example, you can compare two teams' win/loss records.

Math and Gardening

Measure the same plant each week. Create a bar graph of the height of each plant throughout the summer.

Math and Shopping

Before you go shopping, use a circular to see what is on sale. How much can you save? When shopping, you can decide which item is a better value for its size and price. Finally, estimate the cost of the items in your shopping cart.

Math and Literature

Visit the Island Trees Public Library. Go to the children's room and look for section 510. Find three books. Read these math books and select your favorite. Write a review and share what you learned from reading this book.

Math and Your Day

Write a schedule for your day. Be sure to include the hours and/or minutes for each activity.

Math and Music

Create your own song to help another student learn their doubles, or multiplication and division facts.

Math and Writing

Write about all the ways you and your family used math in one day. If you keep a list before you write, you might be surprised to learn how many different ways you use math each day!

WEEK 1

Show your work!

Find the sum.

$$\begin{array}{r} 236 \\ + 585 \\ \hline \end{array}$$

Round 489 to the nearest hundred.

Write the addition and multiplication sentence for 3 groups of 6.

Brad planted 40 trays of flowers. Each tray has 6 flowers in it. How many flowers did he plant?

Write the number of equal parts in the whole. Then write the fraction that names the shaded part.



_____ equal parts

_____ fraction

Jacob is making a poster for a car wash sale. What is the perimeter of the poster?



Tom found 18 rocks on a hiking trip. He puts an equal number of rocks in each of 3 bags. How many rocks are in each bag?

WEEK 2

Show your work!

Estimate. Then find the sum.

$$\begin{array}{r} 467 \\ + 205 \\ \hline \end{array}$$

Estimate: _____

Sum: _____

Lena has some parrots. She gives each parrot 1 grape. If Lena gives out 5 grapes, how many parrots does she have?

Describe the pattern.

12, 16, 20, 24, 28

What fraction names the shaded part of the shape?



Ruth's train leaves at 7:30 A.M. She needs to arrive 10 minutes early to buy her ticket. It takes her 20 minutes to travel to the train station. At what time should Ruth leave her house?

Matt made 2 equal groups of marbles. Write a multiplication sentence that shows the total number of marbles.



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

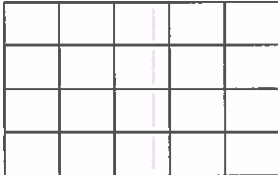
Joe is bird watching. He sees the same number of birds for 2 hours. He sees 16 birds in all. How many birds does Joe see each hour?

WEEK 3

Show your work!

Mike bought 18 party favors. He gave 2 party favors to each of the children at his party. How many children were at the party?

What is the area of the shape below?



There are 35 prizes in 5 equal rows. How many prizes are in each row?

Jimmy drew an angle on his paper. What kind of angle did he draw?



Estimate. Then find the difference.

$$\begin{array}{r} 734 \\ - 589 \\ \hline \end{array}$$

Estimate: _____

Difference: _____

Six friends share 2 whole pizzas equally. How much of a pizza does each friend get?

What is the unknown factor?

$$m \times 6 = 48$$

WEEK 4

Show your work!

Claire has 7 parakeets. She puts 4 in a cage. She divides the other parakeets equally among 3 friends to hold. How many parakeets does each friend get to hold?

Draw a line segment.

On Sunday, 345 people visited the farm. Rounded to the nearest ten, how many people visited the farm on Sunday?

Liam picked 6 flowers. Of them, $\frac{1}{3}$ are pink. The rest are yellow. Draw a picture to show Liam's flowers.

Joe sees the same number of birds each hour for 2 hours. He sees 16 birds in all. How many birds does Jo see each hour?

Find the value of y.

$$10 \times y = 10$$

Complete the table.

+	9	12	15	18
3				

WEEK 5

Show your work!

Write $<$, $>$, or $=$

$10 \div 1$  4×10

Name a fraction that is greater than $\frac{2}{5}$

Ben needs 500 points to win a prize at the arcade. He has 237 points. How many more points does he need?

The drama club has 350 tickets to sell. They sell 124 tickets on Monday and 98 tickets on Tuesday. How many tickets does the drama club have left to sell?

Write a multiplication sentence for the array shown.



Round 624 to the nearest ten.

There were 428 visitors at the pet show on Saturday and 395 visitors on Sunday. How many visitors in all went to the pet show?

WEEK 6

Show your work!

There are 8 crayons in each of 9 packages. How many crayons are there?

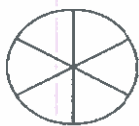
Write +, -, x, ÷.

$$25 \bigcirc 5 = 10 \div 2$$

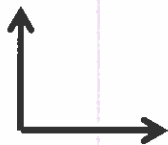
Write the fractions in order from least to greatest.

Rachel jogs 10 miles each week for 2 weeks. Then she jogs 30 miles each week for 4 weeks. How many miles does Rachel jog in 6 weeks?

Max drew the shape below and divided it into equal parts. What is the name for its parts?



What kind of angle is shown below?



Write a word problem that can be solved by using $2 \times 5 \div 5$. Solve your problem.

WEEK 7

Show your work!

Draw an array to find the product.

$$6 \times 4$$

Tara's hand is $4\frac{1}{2}$ inches long. This length is between which two inch-marks on a ruler?

Write a multiplication equation that can be used to find $42 \div 7$?

Elizabeth built a sandbox that is 4 feet long and 4 feet wide. She also built a flower garden that is 5 feet long and 6 feet wide. Compare the areas of the sandbox and the flower garden using $<$, $>$, or $=$.



Morgan has 8 toy cars. Each car has 4 wheels. How many wheels do the cars have in all?

Pam began exercising at 2:15 P.M. She finished at 2:55 P.M. How long did Pam exercise?

Sue drew an array. Write the related facts represented by the array.



WEEK 8

Show your work!

Write a division sentence for the array shown.



How much time is between 11:35 A.M. and 11:54 A.M.?

Write a fraction greater than 1 for the parts of the shape that are shaded.



After music class, the students filled 5 cabinets with their instruments. Each cabinet has space for 9 instruments. How many instruments did the students put away?

Compare using $<$, $>$, or $=$.

$$\frac{1}{4} \bigcirc \frac{1}{3}$$

Find the difference between 600 and 385.

Describe the pattern shown below.

1	2	3	4	5
4	8	12	16	20