Supply List for Fourth Grade

Classroom Supplies

6 Marble Composition Books
8 Pocket folders
1 Package of Loose Leaf
1 Package of Index Cards
6 blue or black Pens
1 Package #2 Pencils
Ruler
Highlighter
Dry Erase Marker
Pencil Case with zipper
Assignment Pad
Computer flashdrive
Colored pencils/markers
Crayons
Computer Headphones
2 Boxes of Tissues
1 Roll of Paper Towels
1 package disinfecting wipes

Art Supplies

Art Box
Tacky Glue
Glue Sticks
Colored Pencils
3 #2 Pencils
Scissors
Crayola paint pallet
Crayons
Sketch pad
2 folders

4th Grade Summer Reading Assignment

One of our goals at Trenton Catholic Academy is to instill in students a lifelong love of reading. Summer reading will assist us in achieving our goal as we look to foster in students a desire to read for pleasure as well as, the acquisition of knowledge. Incoming 4th grade students are required to read two books over the summer. You can borrow these books from your library or purchase them. Please see detailed instructions below:

1. Pick ***one*** fiction book from the list below:
   - Superfudge by Judy Blume
   - The Mouse and the Motorcycle by Beverly Cleary
   - Charlotte's Web by E.B. White
   - Charlie and the Chocolate Factory by Roald Dahl
   - Sideways Stories from Wayside School by Louis Sachar
   - Maniac Magee by Jerry Spinelli
   - Frindle by Andrew Clements
   - Centerfield Ballhawk by Matt Christopher
   -
2. Pick ***one*** non-fiction book from the list below:
   - Drummer Boy: Marching to the Civil War by Ann Turner
   - The Tarantula Scientist by Sy Montgomery
   - Dogs On Duty by Dorothy Patent
   - A Pioneer Sampler by Barbara Greenwood
   - The Great Fire by Jim Murphy
   - Polar, The Titanic Bear by Daisy Spedden
   - Victory or Death- Stories of the American Revolution by Doreen Rappaport

3. After reading each book, log on to ***BookAdventure.com*** and create a student account: **Class Name:** Summer Reading 4th Grade
   Teacher: Dicosimo
4. Click on "Take Quiz" and type in the name of the book you chose.
5. Take the quiz and print out your results (you should score a minimum of 80%). You will only be able to take the quiz twice and you will have 20 minutes to complete the quiz. Results will be submitted to your teacher but you will also need a print out for the first day of school.
6. Have a wonderful summer, relax and enjoy your Reading Adventure!

AR

Ordering & writing numbers to the thousands

Use the following numbers and order them from least to greatest.

3,401	1,269	9,212	3,109	2,487	9,721	6,071	1,231
_____	_____	_____	_____	_____	_____	_____	_____

1,432	1,590	2,974	974	1,100	3,999	2,128	871
_____	_____	_____	_____	_____	_____	_____	_____

Write the number

Five thousand, two hundred fifty two	
Eight thousand, nine hundred eighty eight	
One thousand, ten	
Two thousand, ninety nine	
Three thousand, seven hundred two	
Four thousand, eight	
Nine thousand, one hundred one	

Round to the nearest 100

2,399	
8,429	
9,534	
7,987	
1,231	
3,342	
4,755	

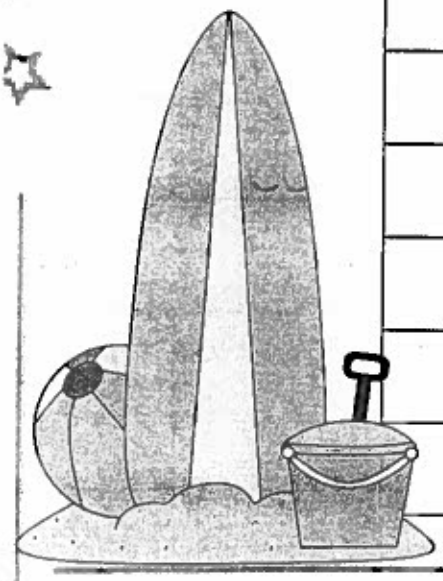
Write the words

	5,987
	2,004
	8,953
	7,100
	1,964
	5,003
	9,999

Comparing 3-and 4-digit numbers

Place <, > or = in the space to make the statement true

	<, >, OR =	
4,130		3,201
6,111		6,222
798		798
7,999		8,001
2,102		2,201
7,512		7,152
871		8,710



Solve the following problems

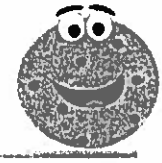
1. Alexander and Bonnie are driving to the beach. Alexander's trip is 3,004 miles, and Bonnies trip is 2,894 miles. Who has the longer trip?

_____

2. Sophia and Hetop are counting their steps as they walk to the pool. Sophia says she can make it in 1,789 steps. Hetop says he can make it in 1,987 steps. Compare the steps using <,>, or =.

_____

3. Johnny and Shay are baking cookies. Johhny's cookies bake in 720 seconds and Shay's cookies bake in 1,080 seconds. Whose cookies will be done the fastest? _____

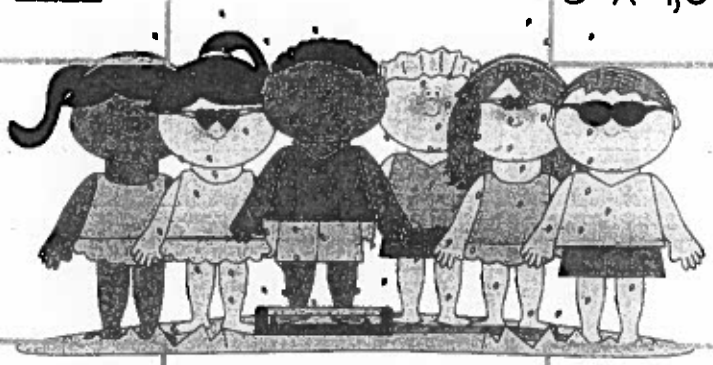


Use Multiplication Patterns

REMEMBER- As the number of zeros in a factor increases, the number of zeros in the product increases

4 x 10 = ____
4 x 100 = ____
4 x 1,000 = ____

8 x 10 = ____
8 x 100 = ____
8 x 1,000 = ____



9 x 10 = ____
9 x 100 = ____
9 x 1,000 = ____

6 x 10 = ____
6 x 100 = ____
6 x 1,000 = ____

Solve

8 x 100 = _____	6 x 10 = _____	3 x 1,000 = _____
7 x 100 = _____	10 x 3 = _____	1,000 x 9 = _____
9 x 1 = _____	5 x 10 = _____	8 x 1,000 = _____

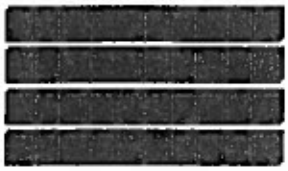
Use Models to Multiply Tens and Ones

4 x 16

4 x 10= ____

4 x 6= ____

____ + ____ = ____



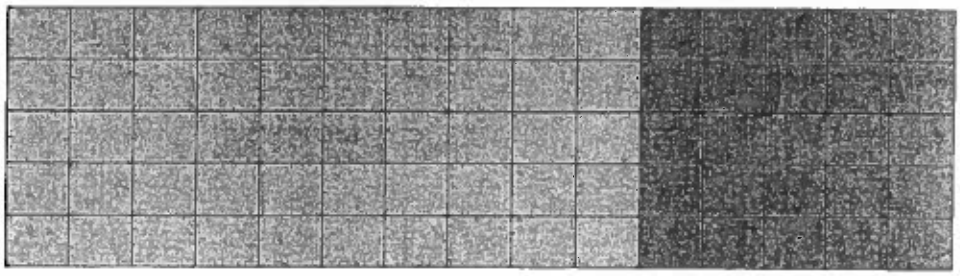
+

5 x 15

5 x 10= ____

5 x 5= ____

____ + ____ = ____



Solve

1. 8 x 17 =

2. 3 x 18=

3. 6 x 14=

4. 2 x 19=

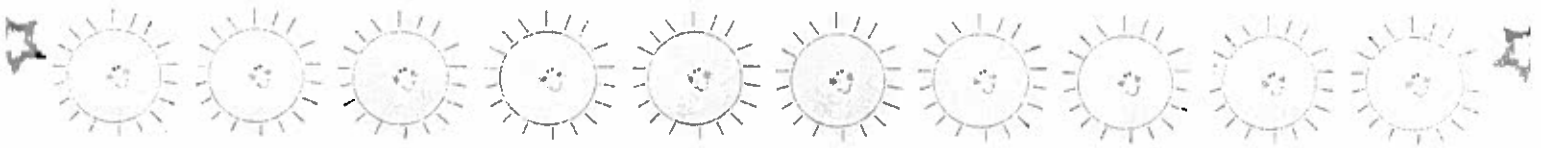
5. 4 x 12=

6. 5 x 13=

Multiply with 11 and 12

What is the "trick" when multiplying a number 1-9 by 11?

How can you use your 10s facts and 2s facts to multiply by 12?



Find the product

12 x 4 = ____ 12 x 4	11 x 7 = ____ 11 x 7	12 x 6 = ____ 12 x 6
1 x 12 = ____ 12 x 1	10 x 12 = ____ 10 x 12	4 x 11 = ____ 11 x 4
9 x 12 = ____	9 x 11 = ____	8 x 12 = ____

Multiplication Review

8 x 4 = ____	6 x 7 = ____	3 x 6 = ____
7 x 3 = ____	10 x 3 = ____	4 x 9 = ____
9 x 2 = ____	5 x 9 = ____	8 x 4 = ____

Divide with 11 and 12

Find the unknown factor AND quotient

12 x _ = 48 48 ÷ 12 = ____	11 x _ = 77 77 ÷ 11 = ____	12 x _ = 72 72 ÷ 12 = ____
12 x _ = 24 24 ÷ 12 = ____	11 x _ = 99 99 ÷ 11 = ____	12 x _ = 108 108 ÷ 12 = ____
12 x _ = 36 36 ÷ 12 = ____	11 x _ = 22 22 ÷ 11 = ____	12 x _ = 60 60 ÷ 12 = ____

Complete each equation.

Then write <,>, or = to compare the quotients

55 ÷ 11 = _____		60 ÷ 12 = _____
84 ÷ 12 = _____		77 ÷ 11 = _____
11 ÷ 11 = _____		12 ÷ 12 = _____
96 ÷ 12 = _____		88 ÷ 11 = _____
120 ÷ 12 = _____		110 ÷ 11 = _____
33 ÷ 11 = _____		44 ÷ 11 = _____
24 ÷ 12 = _____		22 ÷ 11 = _____
36 ÷ 12 = _____		48 ÷ 12 = _____

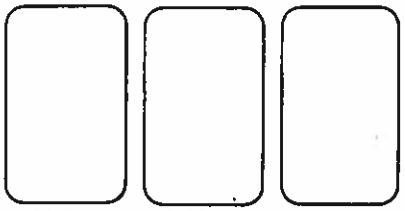
Use Models to Divide Tens and Ones

63 ÷ 3

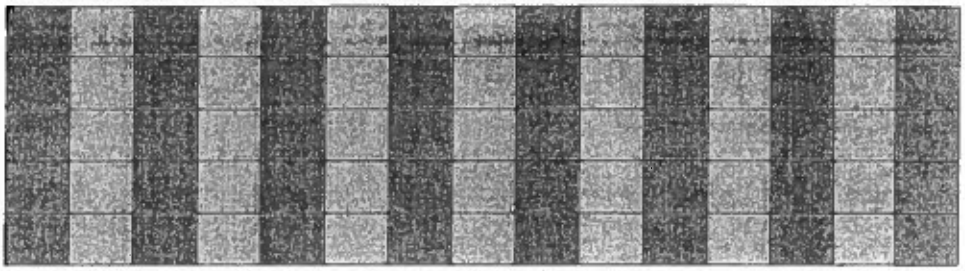
How many groups? ___

How many TENS in each group? ___

How many ONES in each group? ___



75 ÷ 5



How many in each group? ___

How many groups? ___

Solve

70 ÷ 5 = $5\overline{)70}$

2. 69 ÷ 3 = $3\overline{)69}$

3. 84 ÷ 4 = $4\overline{)84}$

4. 46 ÷ 2 = $2\overline{)46}$

5. 85 ÷ 5 = $5\overline{)85}$

6. 96 ÷ 6 = $6\overline{)96}$

Model Division with Remainders

Sarah has 21 flowers. How many flowers can go in a 4 different pots while having an equal number in each pot?

21 ÷ 4 = __

Draw one flower in each pot until there are not enough to put an even number in each pot

How many flowers were in each pot? __

How many flowers were left over? ___

21 ÷ 4 = __ R __

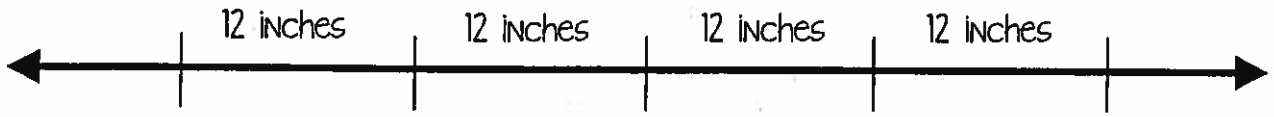
Draw a picture to solve each problem. Show answer and remainder

1. 22 ÷ 4= $4\overline{)22}$	2. 12 ÷ 7= $7\overline{)12}$	3. 31 ÷ 6= $6\overline{)31}$	4. 27 ÷ 2= $2\overline{)27}$
5. 20 ÷ 3= $3\overline{)20}$	6. 18 ÷ 4= $4\overline{)18}$	7. 19 ÷ 6= $6\overline{)19}$	8. 23 ÷ 9= $9\overline{)23}$
9. 25 ÷ 8= $8\overline{)25}$	10. 26 ÷ 6= $6\overline{)26}$	11. 28 ÷ 3= $3\overline{)28}$	12. 32 ÷ 5= $5\overline{)32}$

Change Customary Units of Length

*** 1 foot = 12 inches ***

Use the number line below to show how many inches are in 4 feet. ____in.



Make your own number line below to show how many inches are in 7 feet

---

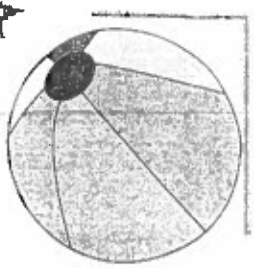
Use the model below to show how many inches are in 3 feet: _____ in.

Make your own model below to show how many inches are in 5 feet

Solve

12 ft. = ____ in.	6 ft. = ____ in.	10 ft. = ____ in.
9 ft. = ____ in.	2 ft. = ____ in.	7 ft. = ____ in.
____ ft. = 48 in.	____ ft. = 12 in.	____ ft. = 60 in.

Change Metric Units of Length



*** 1 meter = 100 centimeters ***

To get from meters to centimeters, what would you multiply the meters by? _____

Fill in the chart below

Meters	2		3		6	10
Centimeters		500		700		

What pattern do you see when changing meters to centimeters?

_____

Solve

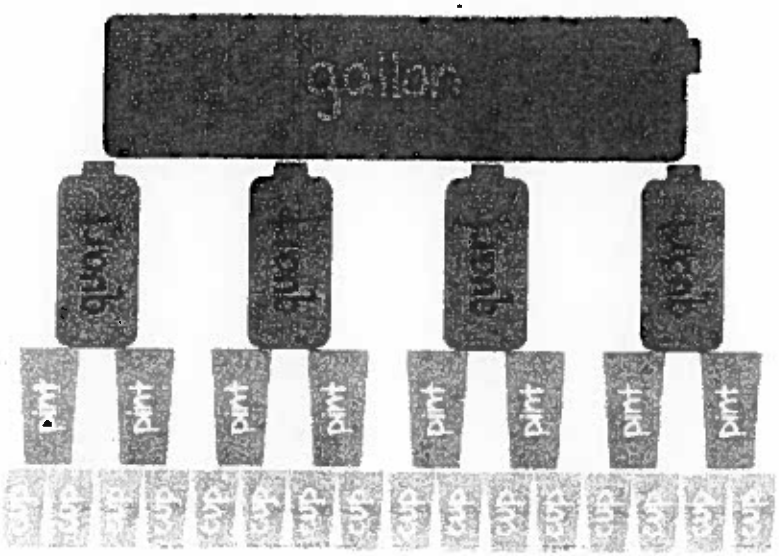
.8 meters = _____ centimeters	.4 meters = _____ centimeters
9 meters = _____ centimeters	12 meters = _____ centimeters

Janet made a bracelet using ribbon. She had 4 meters of ribbon left. If her bracelet called for 180 centimeters does she have enough? _____
How much would she have left over? _____

Jose walked 700 centimeters along the beach and 300 centimeters in the water How many **meters** did he walk in all?

_____

Estimate and Measure Liquid Volume



Use the picture to answer

1 gallon	_____ quarts
1 quart	_____ pints
1 pint	_____ cups
1 gallon	_____ pints
1 quart	_____ cups
1 gallon	_____ cups

Show work and answer.

How many quarts are in 3 gallons? _____

How many cups are in 2 quarts? _____

How many pints are in 2 gallons? _____

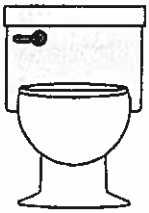
Write the unit would use to measure the volume of each item

cup of juice

_____

bucket

_____

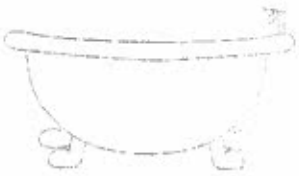


toilet

_____

mug

_____



bathtub

_____

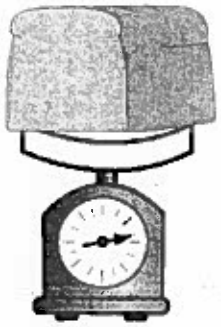
Estimate and Measure Weight

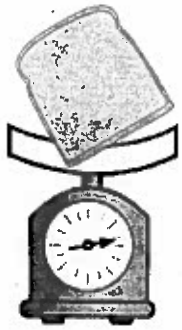
LEARN IT

Weight is the measure of how heavy something is. Customary weight is measured in ounces and pounds.

1 pound (lb.) = 16 ounces (oz.)

1 loaf of bread weighs about 1 pound



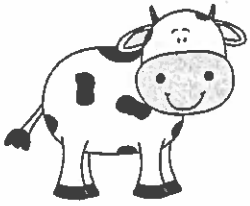


1 slice of bread weighs about 1 ounce

Write the unit would use to measure the weight of each item

an apple _____

sunglasses _____

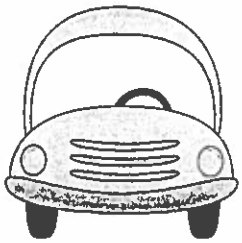


a cow _____

a pen _____

bowling ball _____

a watch _____



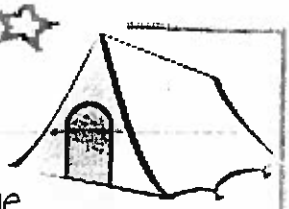
a car _____

a snail _____

Show work and answer.

Laura weighed her dog at the vet. The scale said 4 pounds. How many ounces did Laura's dog weigh?

Fractions Greater than One



Name the shaded parts of the fraction greater than one.

How many pieces are shaded? _____

How many equal parts make one whole?

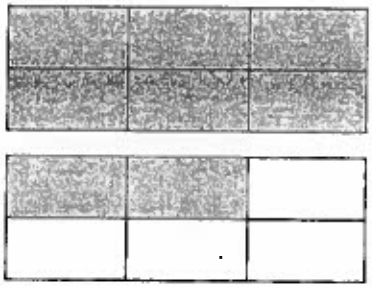
_____

Fraction: Shaded parts _____

Equal parts

There is ____ Whole and ____ left over

Mixed number: _____



Write the mixed number for the following shaded fractions.

Fraction: _____

Fraction: _____

Fraction: _____

Solve.

Lilianna used 8/5 of the markers in her kit. Write the number of markers Lilianna used in a mixed number: ____

Shay played 7/2 of the four square games he had this summer. What mixed number did Shay play? _____

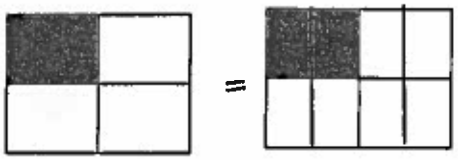
12/5= ____ 8/3=____ 9/6= ____ 10/3= ____ 11/4= ____

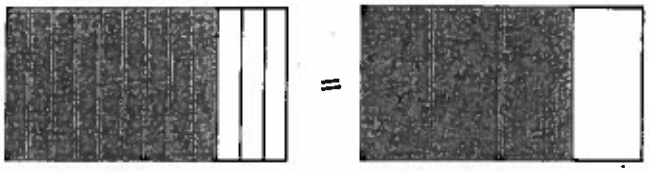
Kat used 9/4 of the soda her mom bought. Write the number of sodas Kat used in a mixed number: _____

There were 10/6 of the pizzas eaten What mixed number of pizza was eaten? _____

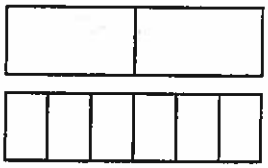
Equivalent Fractions

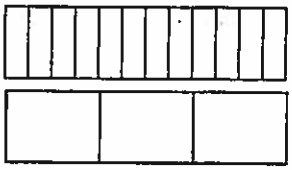
Use the models to write equivalent fractions.

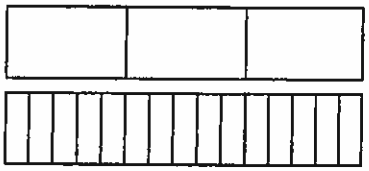
$\frac{1}{4} = \frac{\quad}{8}$ 

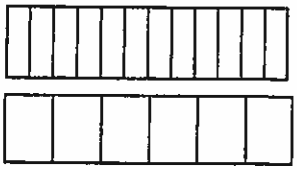
$\frac{9}{12} = \frac{\quad}{4}$ 

Shade the models to show equivalent fractions, then write the equivalent.

$\frac{1}{2} = \frac{\quad}{6}$ 

$\frac{4}{12} = \frac{\quad}{3}$ 

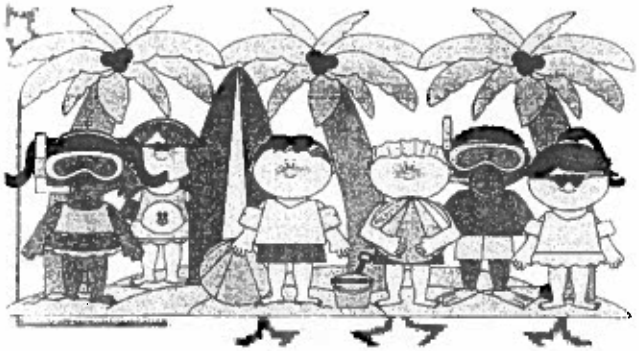
$\frac{1}{3} = \frac{\quad}{15}$ 

$\frac{6}{12} = \frac{\quad}{6}$ 

Draw your own models and write the equivalent fraction.

$\frac{1}{5} = \frac{\quad}{20}$

$\frac{3}{4} = \frac{\quad}{12}$



$\frac{3}{18} = \frac{\quad}{6}$

SOLVE IT!

Review

Jason found boxes of cards. He found 3 boxes that contained 1,000 cards, 8 boxes that had 100 cards, and 4 single cards left over. How many cards did Jason find? _____

Sasha took four thousand, nine hundred and 16 steps across the beach on vacation. Write the steps that Sasha took another way: _____

Write a number that is greater than 8,290. _____
Write a 4-digit number that is less than 2,130. _____

Jaoquin had 7 groups of pool toys. In each group there were 12 toys. How many toys did Jaoqin have in all? _____

Sharlena went to the movies on a rainy day. She saw 11 adults. Each adult had 4 children with them. How many children were at the movies? _____

Miss. Johnston, the daycare teacher, had 12 students. She had a package of 72 stickers. How many stickers could each student get? _____

Bella had 88 candies that came in 8 different colors. If there were an even amount of candies in each color, how many of each color did Bella have? _____

Johanna was looking at a picture graph in the dentist office. The key stated that each tooth represented 100 people. If there were 8 pictures next to the "Brush teeth each night" category, how many total people brush their teeth each night? _____

Zach walks dogs to earn extra money during the summer. If he walked 16 dogs each day for 5 days, how many dogs did he walk? _____

Brody was collecting shells at the ocean. He had 43 shells and wanted to place an even number in each of 9 bags. How many shells would be in each bag? _____ How many would be left over? _____

Jenni babysat one week during the summer. She made $98 after she worked 7 hours. How much money did Jenni make PER hour? _____

12. Alina asked her classmates about going to summer camp. Out of the 100 students she asked, 19 said they attend summer camp. What fraction of students DO NOT attend summer camp? _____