



LOWELL PUBLIC SCHOOLS

*Charlotte M. Murkland School
350 Adams Street
Lowell, Massachusetts 01854*

"Home-School Connection"

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GET READY FOR GRADE 1

June 16, 2021

Dear Parent/Guardian:

During summer vacation we are offering your child a chance to work on some Reading and Math. This packet has been created to target some important skills to be successful for next school year. We hope your child can find time to work on this packet.

This packet is expected back on the first day of school. If this packet is complete, your child will be rewarded during a celebration when we return to school in the fall!

Good luck with this assignment and have a wonderful break!

Sincerely,

Kevin Andriolo

Kevin Andriolo
Murkland School Principal





Lowell Public Schools Summer Reading Program

Lowell Students Read



Dear Parents, Guardians, and Caretakers:

As partners in the education of our youth, I invite you to help your children extend their reading skills this summer.



Here's how you can help:

- Check that your child reads for 15-30 minutes every day or read with them.
- Visit the Pollard Library and make sure your child has a book he or she can read. If you don't already have a library card, you can sign up online for an e-library card or use their many resources!

Your child is expected to:

- Select and read titles from the attached list or **any books they want**. This list includes new titles and old favorites. They can also read online or listen to audiobooks.
- Return to school prepared to participate in a discussion about a book that he or she reads.

Reading is fun! **Play BINGO!** Each child that returns their BINGO board will be honored with a certificate at their school.

Log the books your child reads either on paper **OR** online. [Click here](#) to enter each book. This will create a list at their school of all the books your child read. Be sure to keep your log only on paper **OR** only online, not both!

We look forward to hearing about how much you read this summer!

Thank you,

Chief Academic Officer
Summer Reading 2021

Students Entering Grades K-4

My Summer Reading Plan



Books/Authors I want to read:











Where I will get books:

Borrow from the library

Read Online

Trade books with friends

Buy at a bookstore

Buy Online

Other _____

Where I will read:

In my bedroom

In the living room

Outside

In my car

At the beach

Other _____

Log all of the books that you read. If you read 1 book, write it down. If you read 100, write them down. You can write them here. If you run out of room, add another piece of paper.

OR

Looking for an even easier way to log your books, do it online. [Click here](#) to enter your book titles online. Your school will keep a list of all of the books that you read.

Remember, you only need to log your books on paper or online. NOT BOTH!

Happy Summer Reading!



Summer Reading

BINGO

Have a reading party with family	Read for 20 minutes	Read with a flashlight	Read on the swings	Read a book with a BLUE cover
Read to your pet (or stuffed animal)	Read out LOUD	Read on a rainy day	Read a poem to your family	Read a book you love
Read in your PJ's	Read a book with a GREEN cover	FREE	Read under a tree	Read a fairy or folk tale
Read a book your parent loved as a kid	Read on a road trip	Read under the stars	Read in a blanket fort	Read in your swim suit
Read while eating ice cream	Read a book at the library	Read a book about animals	Read a book with a RED cover	Read an e-book

[Log your summer reading book titles here!](#)



SUMMER READING PROJECT

Please show us how much you liked one or more of your summer reading books by making a project from the list below. You can also create your own project that you think up yourself! Share your completed book project or response with your teacher in the fall.

KINDERGARTEN TO GRADE ONE



- ★ Describe the character _____ using key details from the text.
- ★ Draw or paint a picture of your favorite book character and write about it.
- ★ Draw or paint a picture about your favorite part of a book.

FIRST GRADE TO SECOND GRADE



- ★ Describe what kind of character _____ is using key details from the text.
- ★ Create a colorful new cover for one of your books, showing some event from the book or something you learned from it.
- ★ Draw and write about the beginning, middle, and end of a book.

SECOND GRADE TO THIRD GRADE



- ★ Describe how characters in the text respond to major events and challenges.
- ★ Create a small book poster using pictures you cut from magazines. Include pictures of the setting, important story words, and characters. Paste your pictures creatively on a poster board.
- ★ Write a poem about a book.
- ★ Make an interesting facts poster about a nonfiction book.

THIRD GRADE TO FOURTH GRADE



- ★ Describe the characters in the text and explain how their actions relate to the events in the text.
- ★ Write a letter to a friend telling why he/she should read your book.
- ★ Write a list of five questions you would ask the main character of a book.
- ★ Write a song or rap about your favorite book.
- ★ Pretend you are a teacher. Make a quiz for the book you are reading.

May We Recommend...



Favorite Authors

Monica Brown

Eric Carle

Doreen Cronin

Drew Daywalt

Matt de la Pena

Susan Middleton Elya

Kevin Henkes

Grace Lin

Meg Medina

Jerry Pinkney

Bob Shea

Mo Willems

Favorite Series

Arnold, Tedd

Berenstain, Stan

Cole, Joanna

Dean, James

Lin, Grace

Manushkin, Fran

National Geographic

Parish, Peggy

Rylant, Cynthia

Scotton, Rob

Willems, Mo

Fly Guy books

Berenstain Bears books

Magic School Bus books

Pete the Cat books

Ling and Ting books

The Pedro and Katie Woo books

"Animal" books

Amelia Bedelia books

Henry and Mudge, Annie and Snowball books

Splat books

Who Was/Who Is biographies

Elephant and Piggie books

May We Recommend for Older Readers...



Favorite Authors

Beverly Cleary
 Andrew Clements
 Roald Dahl

Kate DiCamillo
 Grace Lin
 Jon Scieszka

Favorite Series

Alvarez, Julia
 Beaty, Andrea
 Brown, Monica
 Citro, Asia
 Colfer, Chris
 Cummings, Troy
 DiTerlizzi, Tony
 Elliot, Rebecca
 English, Karen
 Faruqi, Saadia
 Hale, Shannon
 Look, Lenore
 McDonald, Megan
 Messner, Kate
 Nurali, Siman
 Osborne, Mary Pope
 Park, Barbara
 Roy, Ron
 Stilton, Geronimo
 Tarshis, Lauren
 Warner, Sally

Tia Lola books
 The Questioners books
 Lola Levine/Marisol McDonald books
 Zoey and Sassafras books
 The Land of Stories books
 Notebook of Doom books
 Spiderwick Chronicles books
 Owl Diaries books
 Carver Chronicles/Nikki and Deja books
 Yasmin books
 Princess in Black books
 Alvin Ho books and Ruby Lu books
 Judy Moody/Stink books
 Ranger in Time Books
 Sadiq books
 Magic Tree House books
 Junie B. Jones books
 A to Z Mysteries books
 Geronimo Stilton/Thea Stilton books
 I Survived books
 EllRay Jakes books



Lowell Public Schools Summer Writing



Want to keep growing as a writer? Over the summer, revisit writing that you already tried during the school year, try out a new kind of writing, or push yourself and try writing something in the next grade level. You can write anything you want!

[Click here](#) to access the Summer Writing Choice Board with video tutorials for each choice.

The graphic is a colorful collage of writing topics and grade levels. At the top, three boxes represent Kindergarten (teal), Grade 1 (yellow), and Grade 2 (pink). The Kindergarten box includes 'How-To Writing' and 'How to write a TRUE story'. The Grade 1 box includes 'How Can I Teach My Readers?' and 'Ways to Bring Stories to Life'. The Grade 2 box includes 'Nonfiction Writers' and 'Crafting Powerful Small Moments'. In the center, a purple box reads 'SUMMER WRITING CHOICE BOARD'. To the left, a green starburst says 'Letter Writing'. To the right, a teal box says 'Graphic Novels'. Below the center, two boxes represent Grade 3 (blue) and Grade 4 (purple). The Grade 3 box includes 'Journaling', 'How to Write a Persuasive Speech', and 'Crafting Powerful Stories'. The Grade 4 box includes 'Nonfiction Teaching Moves' and 'How to Write a Realistic Fiction Story'. At the bottom, a teal banner says 'REVISE' and a pink banner says 'EDIT'. On the far left is a sun icon, and on the far right is a beach scene with palm trees and a starburst that says 'Poetry'.

My Summer Reading Log

Remember if you want an easier way, enter all of your books online by [clicking here](#) each time you finish one. (You don't need to keep a paper copy!)

Book Title	Book Author
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	

13.	
14.	
15.	
16.	
17.	
18.	
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27.	
28.	
29.	
30.	
31.	
32.	
33.	
34.	
35.	
36.	
37.	
38.	
39.	
40.	

☺ Summer Math ☺



☺ Try your best ☺

Name: _____

Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.CC.3 Write numbers from 0 to 20. Represent a number of objects with a written numeral 0–20 (with 0 representing a count of no objects).

Write the number and draw a picture to match each number word. The first one is done for you.

Six	Twelve	Zero	Twenty
6			
			

My child... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
Ⓢ Parent Signature Ⓢ	

Name: _____

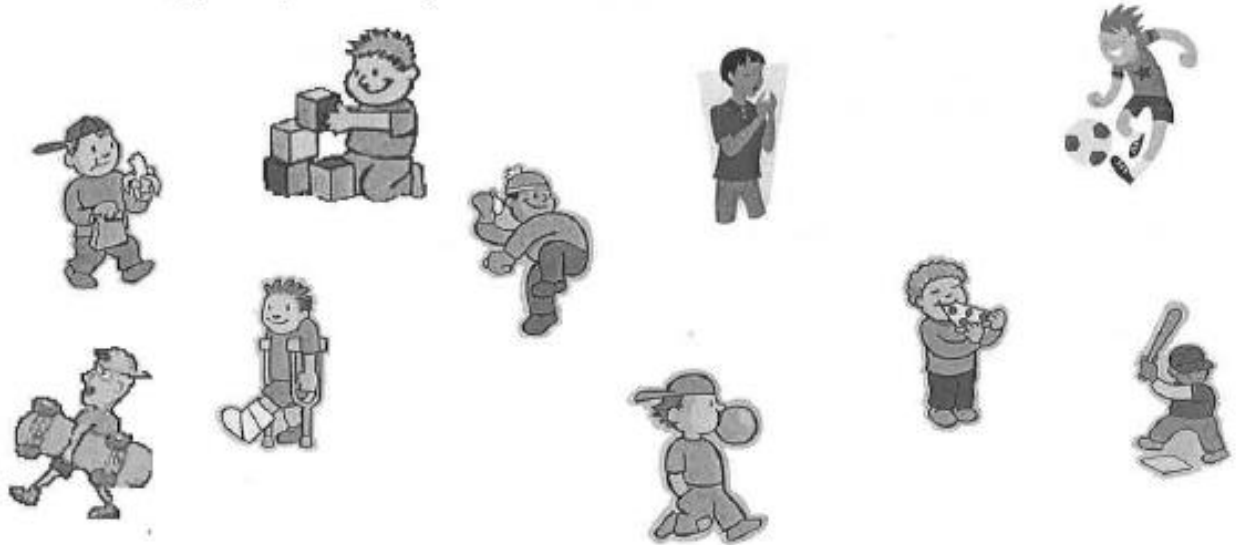
Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.CC.4 Understand the relationship between numbers and quantities; connect counting to cardinality.

Count the group of boys shown below.



Draw a group of girls with 1 more.

My child... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
⬇ Parent Signature ⬆	

Name: _____

Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.CC.6 Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.

Two students are playing "Biggest Number Wins."

Look at the cards below. Who wins? How do you know?



Look at the cards below. Who loses? How do you know?



My child... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
⬇ Parent Signature ⬇	

Name: _____

Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.OA.2 Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.

Mrs. Walsh made sandwiches.
She bought 7 pieces of bread.
She used 4 pieces of bread.
How many pieces of bread are left?

Think first! Is this problem about putting together or taking away? Circle your choice.



put together



take away

Now solve. Show your thinking!

My child.... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
↓ Parent Signature ↓	

Name: _____

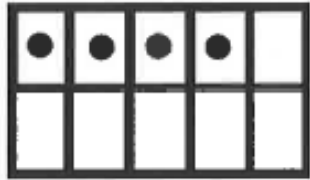
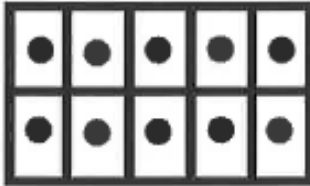
Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

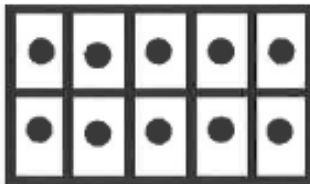
K.NBT.1 Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

What number is represented by the Ten Frames below?



Write an equation to match these Ten Frames.

Finish the ten frames so they match the number.



12

Write an equation to match these Ten Frames.

My child.... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
Ⓢ Parent Signature Ⓢ	

Name: _____

Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.MD.1 Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.

Sort these pictures. Think about the objects and if they would hold a lot or hold a little.



tanker truck



coffee mug



eye dropper



farm silo

Holds a Lot

Holds a Little

Name something else that holds a little.

My child.... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
↓ Parent Signature ↓	

Name: _____

Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.MD.3 Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.

The students were asked about their favorite ice cream flavor. They put their answers in a graph.

Chocolate	
Vanilla	
Strawberry	

How many students voted for chocolate?

What was the least favorite flavor?

My child... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
↓ Parent Signature ↓	

Name: _____

Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

K.OA.2 Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem.

Mrs. Haley went shopping.
She bought 3 glue sticks.
She bought 6 pencils.
How many things did Mrs. Haley buy?

Think first! Is this problem about putting together or taking away? Circle your choice.



put together



take away

Now solve. Show your thinking!

My child... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
⬇ Parent Signature ⬇	

Name: _____

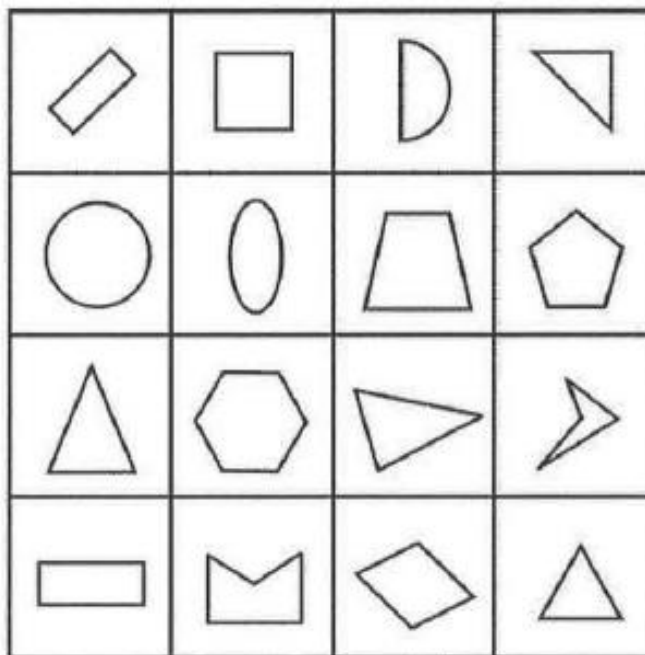
Ready for Grade 1

Murkland School Summer Math Challenge

This Ready for Grade 1 problem is based off the following standard:

- K.G.4** Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).

Look at the shapes below.



Color all the shapes with 4 sides blue.

Color all the shapes that are round yellow.

Color all the shapes with 3 corners red.

My child... (please <input checked="" type="checkbox"/>)	
<input type="checkbox"/>	Labeled Their Answers
<input type="checkbox"/>	Explained Their Thinking to Me with Words
Ⓣ Parent Signature Ⓣ	

Name: _____

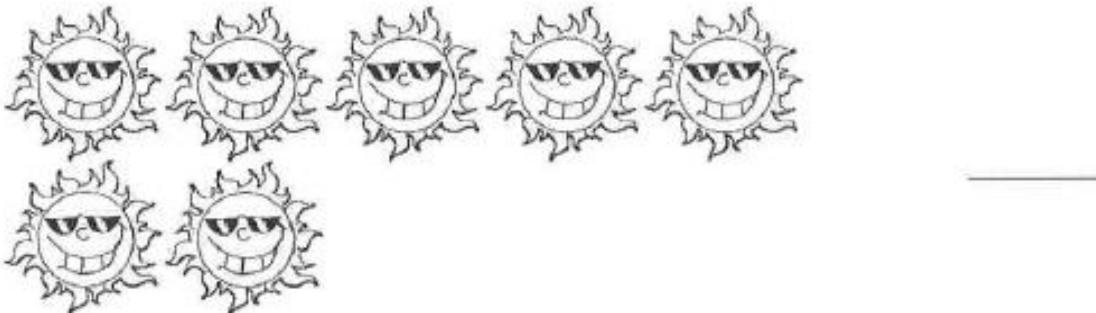
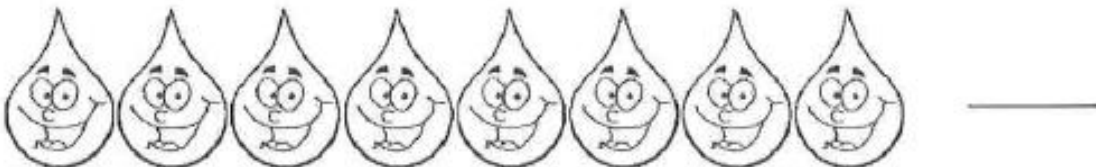
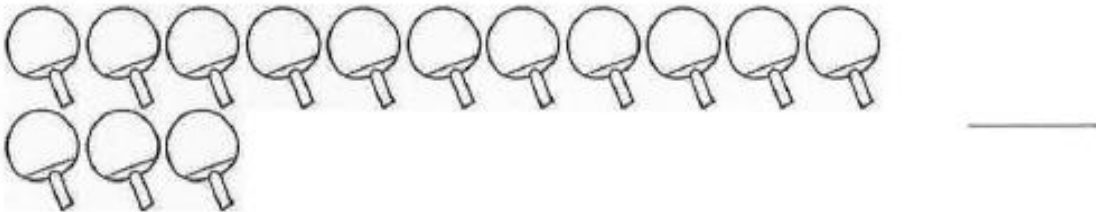
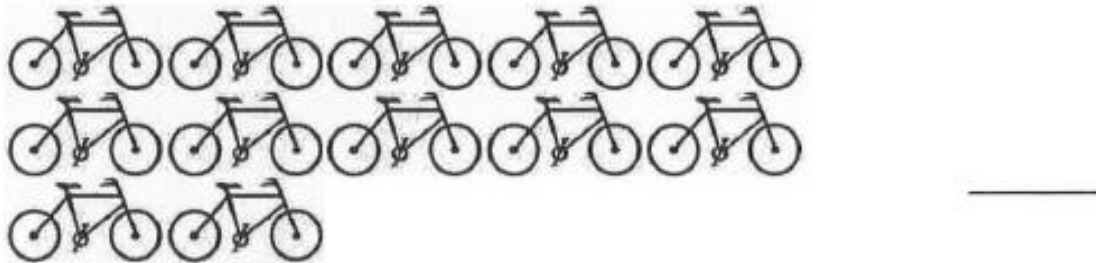
Date _____

Representing Objects 0 to 20 Practice Worksheet

1) Write all the numeric symbols for the number words listed below.

Seven _____ Thirteen _____ Five _____ Fifteen _____

2) Write how many objects appear in each set on the line to the right.

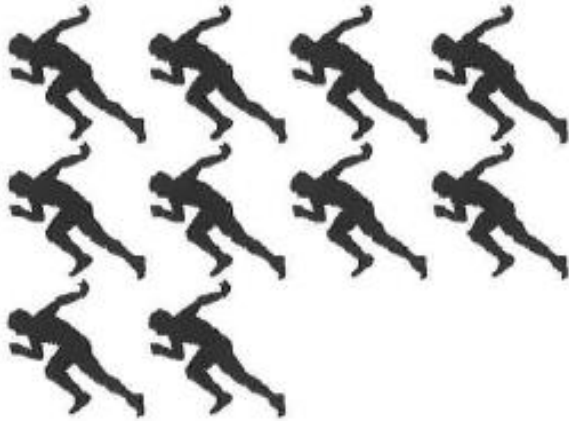


Name: _____

Date _____

Counting Numbers in a Group Worksheet – Athletic Theme

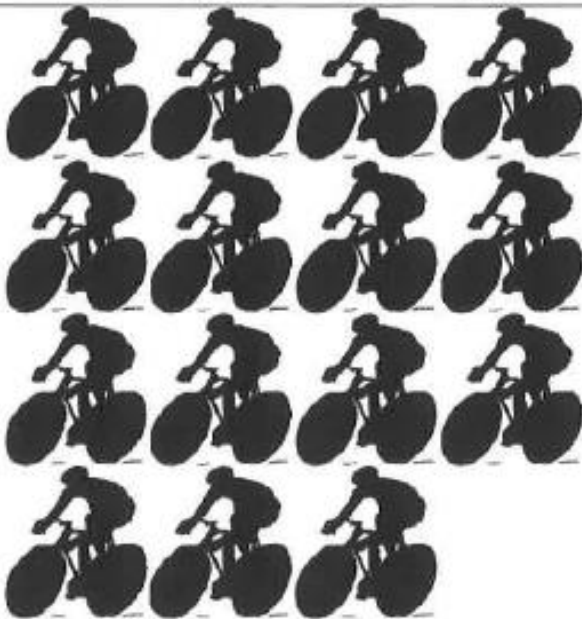
Circle the number that tells the number of people in the group.



4 6 8 10 12



5 9 11 12 15



8 10 12 13 15



10 12 14 17 19





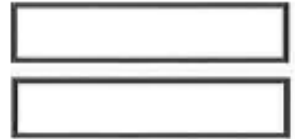






Name: _____

Date _____

Less, More, Equal Worksheet

Circle "less" or "more" in each row. Read carefully.

Group A	Group B	
		Group A has less / more than Group B
		Group B has less / more than Group A
		Group B has less / more than Group A
		Group A has less / more than Group B
		Group A has less / more than Group B



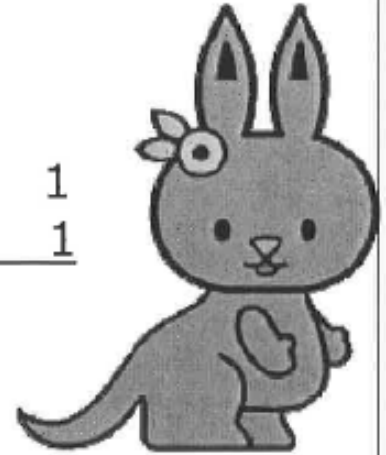
Name: _____

Date _____

Addition Facts to 5 Practice Worksheet

Add all the numbers below.

$$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$



$$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

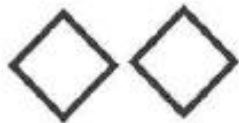
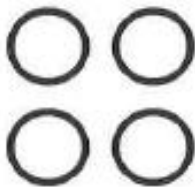


Name: _____

Date _____

Match Math Equations to Pictures

Draw a line to match the pictures to the math problem that they show.



$$4 + 5 = 9$$

$$8 - 2 = 6$$

$$2 + 3 = 5$$

$$5 - 2 = 3$$

$$7 - 1 = 6$$

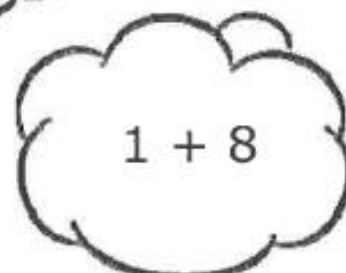
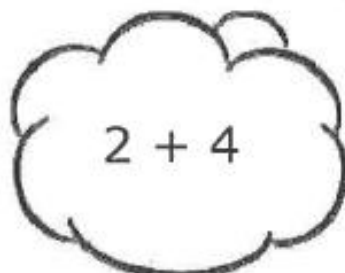
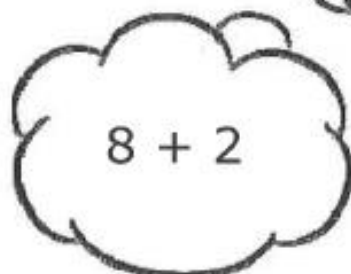
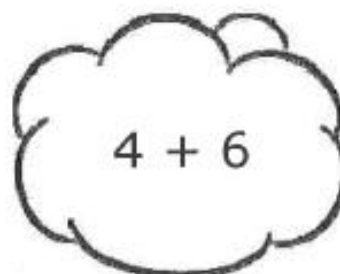
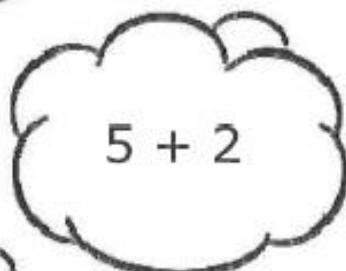
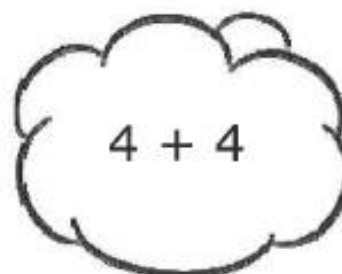
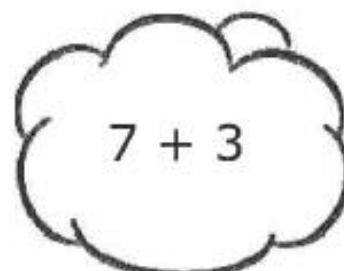
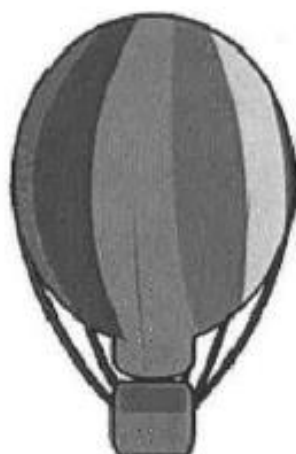
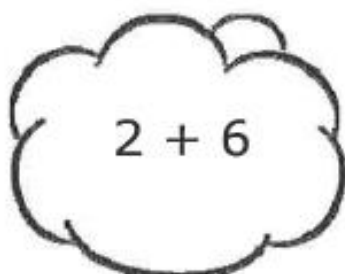
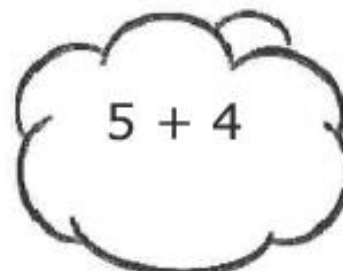
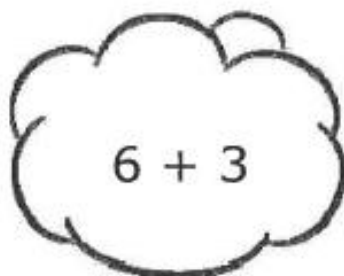
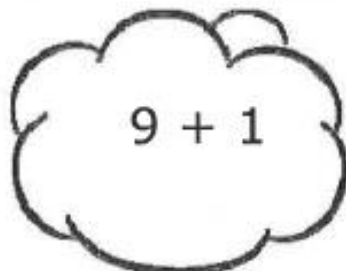


Name: _____

Date _____

Colors That Make 10 Worksheet

Color all the clouds that have addition sentences that equal 10.



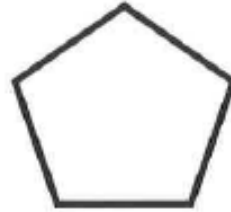
Name: _____

Date _____

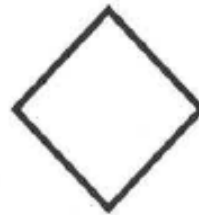
Number of Corners and Sides Worksheet

Count the number of corners and sides for each shape.

1. _____ corners _____ sides



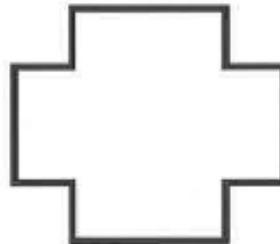
2. _____ corners _____ sides



3. _____ corners _____ sides



4. _____ corners _____ sides



5. _____ corners _____ sides



Get Ready for First Grade

Math Tools You'll Need:

Math Folder, Coins, Pencil, Crayons, Paper, Shopping Fliers, Regular deck of playing cards or the primary cards at the end of the packet.

Directions:

- Keep your summer work in a folder
- EACH PAPER SHOULD HAVE YOUR NAME AND DATE
- Have an adult write their initials in each day of your completed activity
- In August, bring the folder to your new First Grade Teacher for a reward!



Choice Activities



1. Cool Mathematics Books to Read:

Brown Bear, Brown Bear, What do you See? & Chicka Chicka 1-2-3 by Bill Martin
Emeka's Gift by Ifeoma Onyefulu
My Painted House, My Friendly Chicken, and Me by Maya Angelou
Benny's Pennies by Pat Brisson
Pattern Fish by Trudy Harris
Inch by Inch by Leo Leonni
Ten Flashing Fireflies by Hilemon Sturges
The Greedy Triangle by Marilyn Burns
A Chair for My Mother by Vera B. Williams
Pollard Memorial Library Website: www.pollardml.org
* Find additional Mathematics Literature at our local library

2. Cool mathematics Websites:

<http://illuminations.nctm.org> <http://www.tlsbooks.com>
<http://nlvm.usu.edu/en/nav/vlibrary.html> www.aplusmath.com
www.funbrain.com www.coolmath4kids.com
www.mathfactcafe.com www.mathplayground.com
www.aaamath.com <http://www.learningplanet.com/>
www.mathplayground.com <http://resources.oswego.org/games/>
LPS Websites: <http://www.lowell.k12.ma.us/pages/lpsd>
*Find additional information at our district website

3. **Destination Lowell:** Choose one of the locations to visit. Find something or someone related to mathematics. Record what you find.
 - *Pollard Memorial Library, Children's Section, Merrimack Street*
 - *Lowell City Hall, Merrimack Street*
 - *Lowell Police Station, Arcand Drive*
 - *Lowell Quilt Museum, Shattuck Street*
 - *Boot Mill Museum, Father Morrisette Blvd.*
 - *Or any other interesting places along your travels.*
4. **Compare** – Remove face cards except the Aces. Remember Ace = 1. Pass out all cards among all players. Each player flips over one card at the same time. The player with the higher number keeps both cards. If the two cards are the same, leave them and turn over another card. The player with the higher number keeps all four cards.
5. **Double Compare** – Same as above, but turn over two cards each time and find the sum. The one with the larger sum takes the cards.
6. **Close to 10** – Remove face cards except for the Aces. Deal 3 cards to each player. Place them face up in front of you. Which two cards bring you close to 10? Which player is closest to 10? Ex. You turn over 5, 4, 3 and your opponent turns Ace, 8 and 3. You can make a 9 with (5 and 4), and your opponent can make a 9 with (Ace and 8) or 11 (8 and 3). It's a tie since you are both 1 away from 10. Remove the two cards you used and deal two more. Continue playing until all the cards are used.
7. **Other games to play:** Checkers, Memory, Chutes and Ladders, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Candy Land, Connect Four, Legos, K'Nex