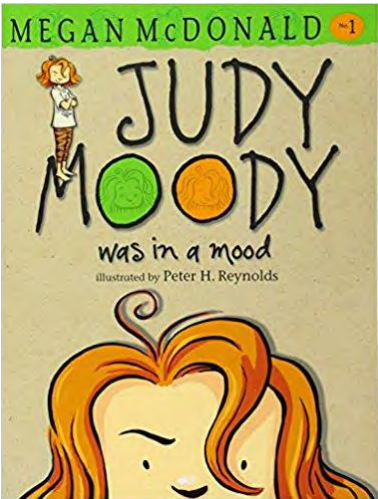


3rd Grade Summer **Projects**

Dear third grader,

We are looking forward to having all of you in our classrooms next year. In between your fun in the sun this summer, there **is** a special book we want you to read **as well as a math packet**.

1. Read: “Judy Moody was in a Mood, Not a Good Mood, A Bad Mood” by Megan McDonald



Assignment: **In this book, Judy Moody’s teacher assigns a project called a “ME collage.” You are to draw or cut out pictures and paste** them on a piece of poster board to create a collage that tells the class what makes you, YOU. Use ideas from the list below and any other categories you can think of. The collage should be neat, colorful, creative, and include a title. Turn in on the *second* day of school.

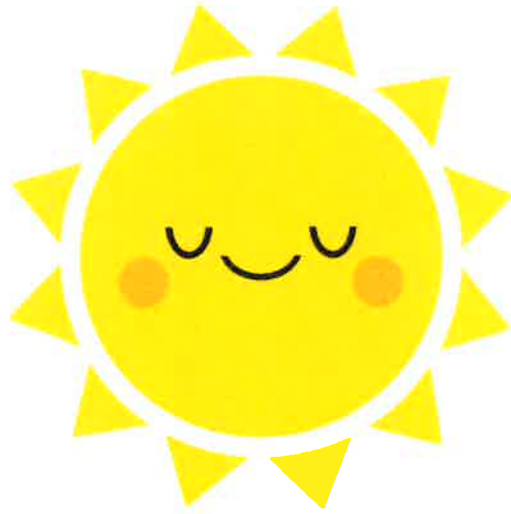
- *family
- *hobbies
- *favorite pet
- *favorite food
- *best friend
- *clubs you belong to
- *best and worst things that have ever happened to you

Students will present their collages to the class.

2. **Math Packet** - All rising third graders are required to complete the summer math packet. Most received the packet at the end of last school year from their second grade teacher. These are intended to help students review concepts taught in second grade. It is suggested they complete one page per week through the summer.

We cannot wait to see you! Enjoy your summer and Happy Reading!

SUMMER
MATH
PACKET





Fluency Blast

Practice the addition and subtraction facts.

10	12	17	18	10	10	8	19	13	10
$+ 1$	$- 5$	$+ 3$	$- 9$	$+ 8$	$- 1$	$+ 6$	$- 2$	$+ 1$	$- 4$



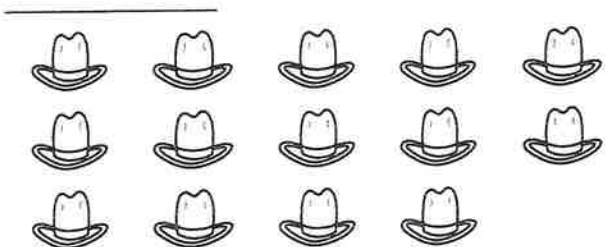
Day 1

- $677 - 478 =$
- Write the numbers in standard form.
 $100 + 20 + 5$ _____
 $400 + 90 + 5$ _____
- Add or subtract mentally.
 $780 - 100 =$ _____
 $430 + 10 =$ _____

Day 2

- Vanessa invited 38 people to her party. If 9 people were not able to come, how many people were able to come to her party?
 _____ people

- Is the number of hats even or odd?

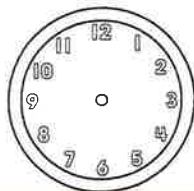


Day 3

- How long is the notebook?
 _____ inches

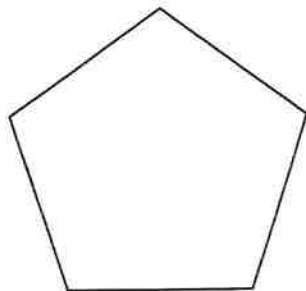


- Draw the hands on the clock to show 3:15.



Day 4

- Name the shape. _____



- What real-world object is in the shape of a pentagon?

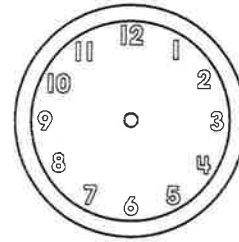
Name _____

1. Add or subtract mentally.

$500 + 430 =$ _____

$750 - 50 =$ _____

2. Draw the hands on the clock to show 7:35.



3. Ahmad paid for his basketball with a five-dollar bill. If the basketball cost \$4.75, how much change did Ahmad get back?

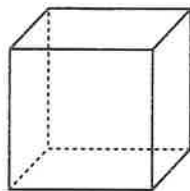
_____ cents

4. Write the numbers in standard form.

$800 + 5$ _____

$600 + 40 + 7$ _____

5. Name the shape. _____



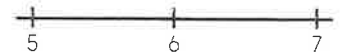
6. Use the information to fill in the line plot.

Length of Students' Pencils

5 inches = 4 students

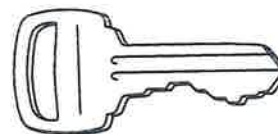
6 inches = 4 students

7 inches = 7 students



7. $376 - 187 =$

8. How long is the key? _____ inches



About how long is one spoon? About how long are 10 spoons?



Fluency Blast

Practice the addition and subtraction facts.

$\begin{array}{r} 15 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$
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Day 1

1. $493 + 229 =$

2. Write $<$, $>$, or $=$.

333 303 191 91

3. Draw base ten blocks to show 605.

Day 2

1. Tyrik collected 89 leaves at the park. He collected 54 maple leaves, and the rest were oak leaves. How many oak leaves did he collect?

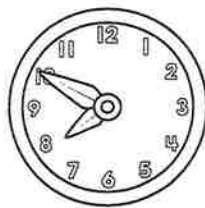
_____ oak leaves

2. There are 24 students in Room 21. Out of those 24, 15 of the students are wearing jeans. How many of the students are not wearing jeans?

_____ students

Day 3

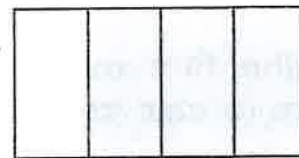
1. What time is shown?



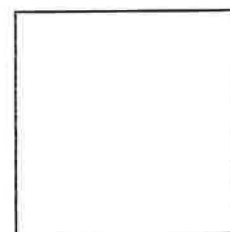
2. Ashley has 5 quarters in her change purse. She finds 5 nickels and 4 dimes on the sidewalk. How much money does she have now? _____

Day 4

1. What fraction of the shape is not shaded? _____



2. Divide the polygon into fourths.



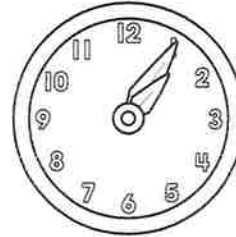
1. Bonnie has \$2.54. Her dad gives her \$3.00 for washing the dishes after dinner. How much money does Bonnie have now? _____

2. Write $<$, $>$, or $=$.

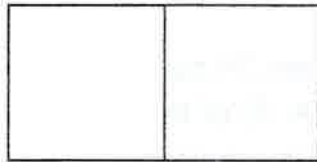
777 ○ 776 199 ○ 199

3. Draw base 10 blocks to show 111.

4. What time is shown? _____



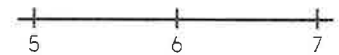
5. What fraction of the shape is shaded?



6. Use the information to fill in the line plot.

Lengths of Students' Scissors

5 inches = 5 students
6 inches = 3 students
7 inches = 2 students



7. $387 - 328 =$

8. $988 - 248 =$



Imagine that you are a veterinarian. List the math skills you would need to use to take care of your patients.



Fluency Blast

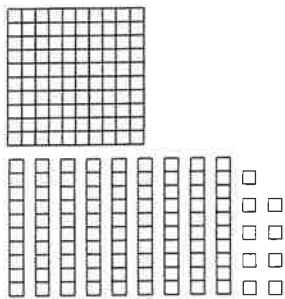
Practice the addition and subtraction facts.

16	10	12	7	15	19	9	8	10	10
$+ 3$	$- 8$	$+ 7$	$- 3$	$+ 4$	$- 8$	$+ 5$	$- 3$	$+ 4$	$- 6$



Day 1

- Look at the base ten blocks. Write the number shown. _____



- Write the numbers.
6 hundreds, 8 tens, 4 ones _____
2 tens, 9 ones, 5 hundreds _____

Day 2

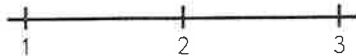
- Pilar's total was \$2.75. She paid with 3 one-dollar bills. How much change did Pilar get back?
_____ cents

- Beth's jump rope measures 98 inches. Zachary's jump rope measures 95 inches. How much longer is Beth's rope?
_____ inches

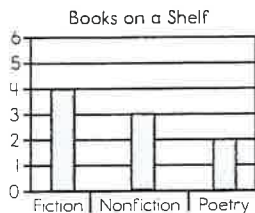
Day 3

- Use the information to fill in the line plot.

1 mile = 7 people Distance Ridden on Bikes
2 miles = 4 people
3 miles = 1 person



- How many more fiction books than poetry books are on the shelf?



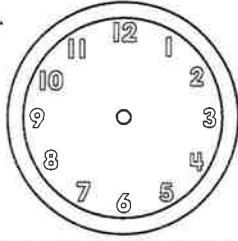
Day 4

- Describe how the circle is divided.

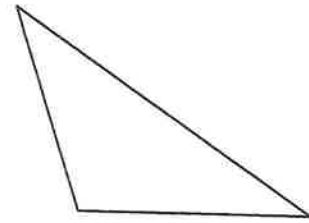


- Is there another way to divide the circle into thirds? _____ Why or why not?

1. Draw the hands on the clock to show 7:25.

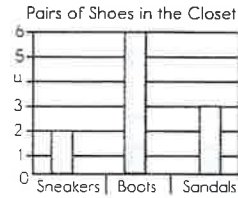


2. Name the shape. _____



3. Draw base ten blocks to show 280.

4. How many pairs of shoes are in the closet in all? _____

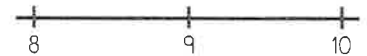


5. John paid for his lunch with 6 quarters, 5 dimes, and 7 pennies. What was the total cost of his lunch?

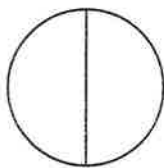
6. Use the information to fill in the line plot.

8 inches = 4
9 inches = 2
10 inches = 1

Lengths of Books on Shelf



7. Describe how the circle is divided.



8. Write the numbers in standard form.

5 ones, 6 hundreds, 2 tens _____

8 tens, 9 ones, 2 hundreds _____



Draw pictures to explain how to divide two pizzas into six parts.



Fluency Blast

Practice the addition and subtraction facts.

$\begin{array}{r} 10 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 10 \\ \hline \end{array}$
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Day 1

1. Write the numbers in expanded form.

27 _____
 465 _____
 89 _____

2. Write $<$, $>$, or $=$.

226 ○ 436 954 ○ 954

3. Draw base ten blocks to show 118.

Day 2

1. Perry needs \$5.00 to go on the field trip. He has already saved \$3.75. How much more money does he need to save?

2. Shanda is making a quilt with 100 squares. Twenty of the squares are red, and 30 of the squares are blue. The rest of the squares are yellow. How many squares are yellow?

_____ squares

Day 3

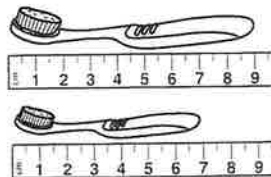
1. What time is shown?



2. How many people were surveyed to make the picture graph? _____

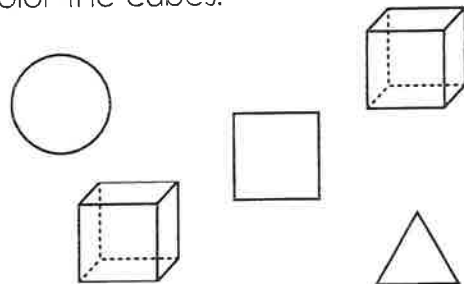


3. How much longer is one toothbrush than the other?
 _____ inches

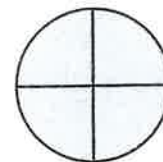


Day 4

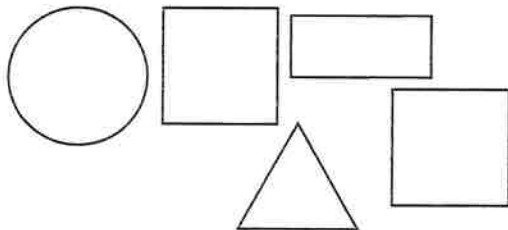
1. Color the cubes.



2. What fraction of the shape is shaded?
 A. one whole B. one-half



1. Color the shapes with four equal sides.



2. Write the numbers in expanded form.

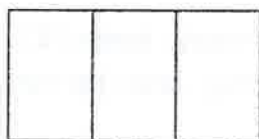
32 _____

640 _____

881 _____

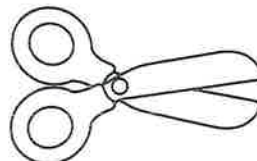
3. What fraction of the shape is shaded?

A. one-half B. one whole

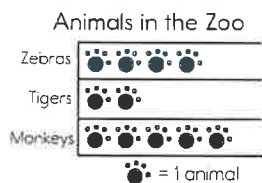


4. How long is the pair of scissors?

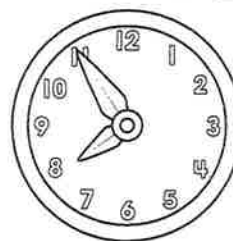
_____ centimeters



5. How many monkeys and tigers were in the zoo? _____



6. What time is shown? _____



7. Draw base ten blocks to show 410.

8. There are 19 trees in the front yard and 27 trees in the backyard. How many total trees are there in all?

_____ trees



If your class went on a school trip and there were four adults to chaperone, how many students would be with each chaperone?



Fluency Blast

Practice the addition and subtraction facts.

$\begin{array}{r} 20 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$
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Day 1

1. $848 - 399 =$
2. Use the clues to write the three-digit number.

The digit in the tens place is 3. The digit in the hundreds place is greater than 5 and less than 7. The only remaining digit is 0. _____

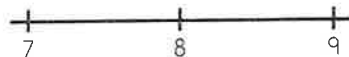
Day 2

1. A total of 38 people are waiting for a bus. Later, 5 more people arrive to wait for the bus. How many people are waiting for the bus now?
_____ people
2. Malik has collected 120 bottle caps. Of the bottle caps, 40 are orange. The rest are purple. How many of the bottle caps are purple?
_____ bottle caps

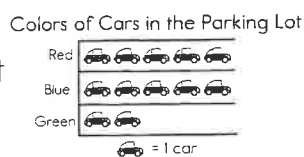
Day 3

1. Use the information to fill in the line plot.

7 cm = 5 crayons
8 cm = 3 crayons
9 cm = 7 crayons

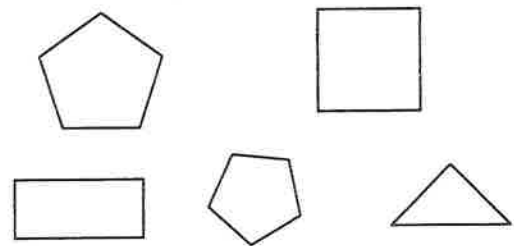


2. Which color of cars were present in the same amount in the parking lot?

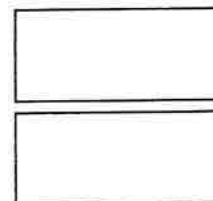


Day 4

1. Color the shapes that have five angles.



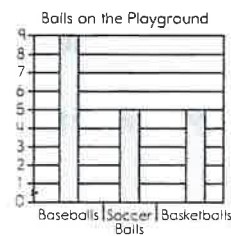
2. Show two different ways to divide each rectangle into thirds.



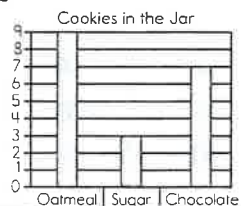
Name _____

1. Patrick saved 4 one-dollar bills, 8 quarters, 10 nickels, and 24 pennies in a shoebox. How much money does Patrick have?

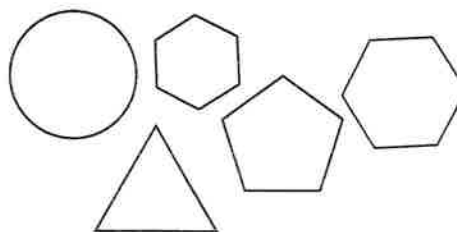
2. Which kinds of balls were present in equal amounts on the playground?



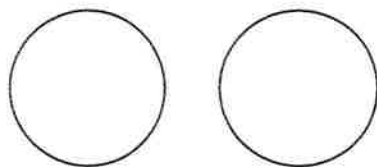
3. How many chocolate and sugar cookies are in the jar?



4. Color the shapes that have six sides.



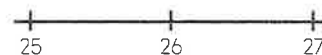
5. Show two different ways to divide the circles into halves.



6. Use the information to fill in the line plot.

Lengths of Lunch Boxes (centimeter)

- 25 cm = 3 students
- 26 cm = 5 students
- 27 cm = 9 students



7. $660 - 450 =$

8. Use the following clues to write a 3-digit number.

The digits in this number are 6, 5, and 2. The digit in the ones place is greater than 1 but less than 4. The largest digit belongs in the tens place. _____



What is the most important thing you learned in math this year? Why?



Fluency Blast

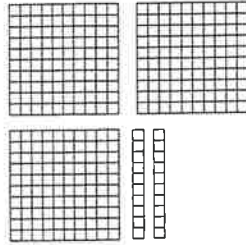
Practice the addition and subtraction facts.

$\begin{array}{r} 15 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 2 \\ \hline \end{array}$
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Day 1

1. Look at the base ten blocks. Write the number shown.



2. $477 + 220 =$

3. Write $<$, $>$, or $=$.

115 ○ 254

333 ○ 222

Day 2

1. Jack jumps rope for 31 minutes on Saturday and 27 minutes on Sunday. How many more minutes does Jack jump rope on Saturday than on Sunday?
_____ minutes

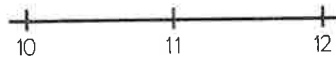
2. Draw an array for $4 + 4 + 4 + 4 + 4 = 20$.

Day 3

1. Use the information to fill in the line plot.

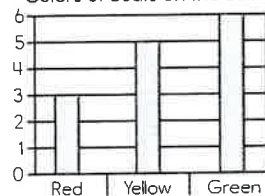
Lengths of Girls' Hair

10 inches = 2 girls
11 inches = 3 girls
12 inches = 6 girls



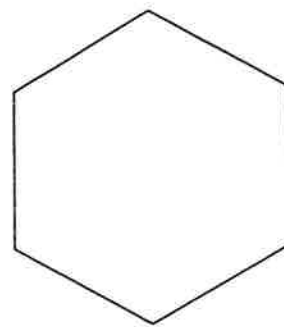
2. How many more yellow boats than red boats were on the lake? _____

Colors of Boats on the Lake



Day 4

1. Name the shape.



2. Divide the shape into halves.

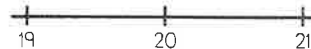
Name _____

1. Draw an array for $5 + 5 + 5 = 15$.

2. Use the information to fill in the line plot.

Lengths of Ice-Cream Cones

19 inches = 4 cones
 20 inches = 2 cones
 21 inches = 1 cone

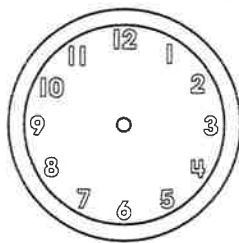


3. Pablo scored 14 goals in September, 8 goals in October, and 12 goals in November. How many more goals did Pablo score in September than in October?

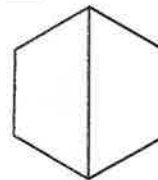
_____ goals

4. Jonathan spent \$4.45 at the arcade. Jessica spent \$3.45 at the arcade. How much more money did Jonathan spend than Jessica?

5. Draw the hands on the clock to show 2:25.



6. What fraction of the shape is shaded?



7. Draw base ten blocks to show 304.

8. $396 + 298 =$



Did you achieve your math goals this year? List some goals you would like to achieve in math next year.