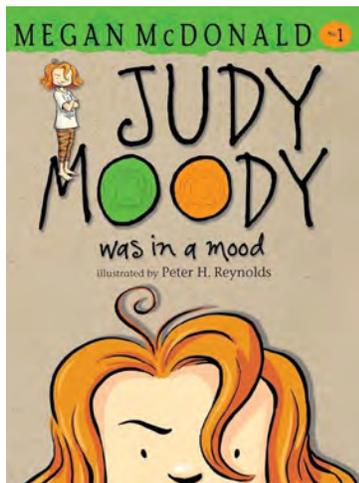


## 3rd Grade Summer Projects

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 to complete.

**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 Me Collage should be neat, colorful, creative, and include a title. Turn in your finished "ME Collage" 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. Please bring the completed packet on the second day of school.

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



### Fluency Blast

Practice the addition and subtraction facts.

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



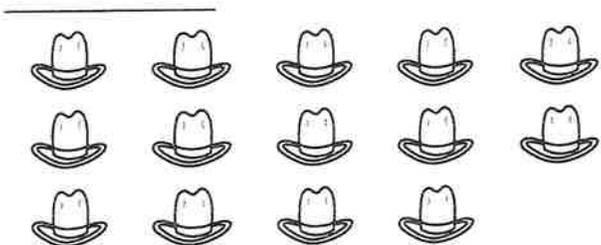
#### Day 1

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

#### Day 2

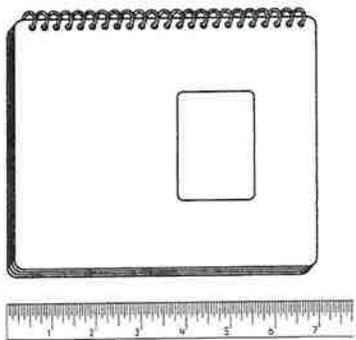
- Vanessa invited 38 people to her party. If 9 people were not able to come, how many people were able to come to her party?  
 \_\_\_\_\_ people

- Is the number of hats even or odd?  
 \_\_\_\_\_

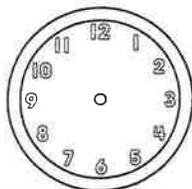


#### Day 3

- How long is the notebook?  
 \_\_\_\_\_ inches

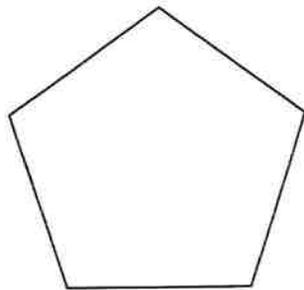


- Draw the hands on the clock to show 3:15.



#### Day 4

- Name the shape. \_\_\_\_\_



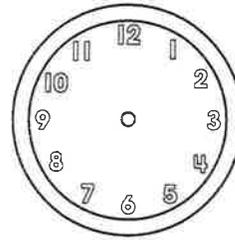
- What real-world object is in the shape of a pentagon?  
 \_\_\_\_\_

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?

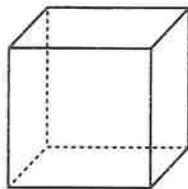
\_\_\_\_\_ cents

4. Write the numbers in standard form.

$800 + 5$  \_\_\_\_\_

$600 + 40 + 7$  \_\_\_\_\_

5. Name the shape. \_\_\_\_\_



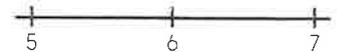
6. Use the information to fill in the line plot.

Length of Students' Pencils

5 inches = 4 students

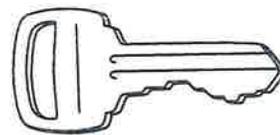
6 inches = 4 students

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

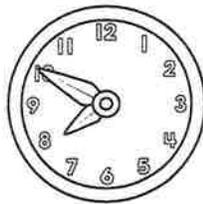
2. There are 24 students in Room 21. Out of those 24, 15 of the students are wearing jeans. How many of the students are not wearing jeans?

\_\_\_\_\_ students

**Day 3**

1. What time is shown?

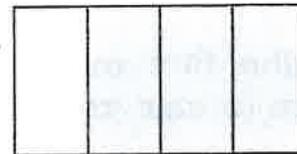
\_\_\_\_\_



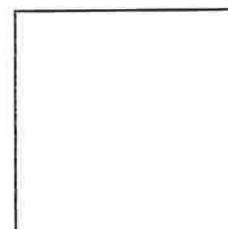
2. Ashley has 5 quarters in her change purse. She finds 5 nickels and 4 dimes on the sidewalk. How much money does she have now? \_\_\_\_\_

**Day 4**

1. What fraction of the shape is not shaded? \_\_\_\_\_



2. Divide the polygon into fourths.



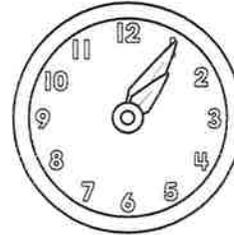
1. Bonnie has \$2.54. Her dad gives her \$3.00 for washing the dishes after dinner. How much money does Bonnie have now? \_\_\_\_\_

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

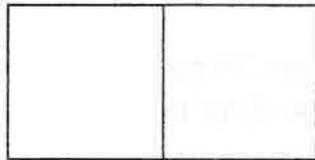
777  776      199  199

3. Draw base 10 blocks to show 111.

4. What time is shown? \_\_\_\_\_



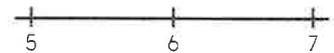
5. What fraction of the shape is shaded?  
\_\_\_\_\_



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

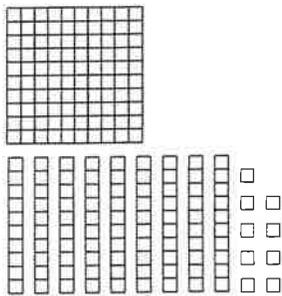
Practice the addition and subtraction facts.

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



#### 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

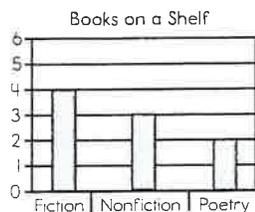
#### Day 3

- 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

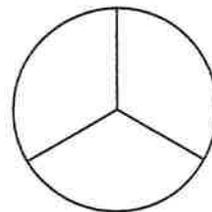


- How many more fiction books than poetry books are on the shelf?  
\_\_\_\_\_



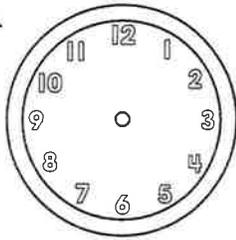
#### Day 4

- Describe how the circle is divided.  
\_\_\_\_\_

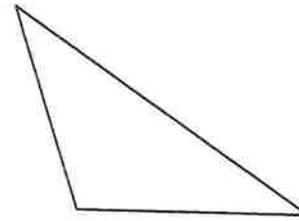


- Is there another way to divide the circle into thirds? \_\_\_\_\_ Why or why not?  
\_\_\_\_\_  
\_\_\_\_\_

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

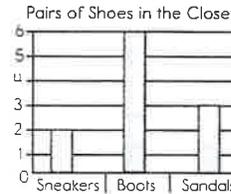


2. Name the shape. \_\_\_\_\_



3. Draw base ten blocks to show 280.

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

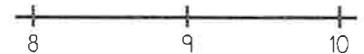


5. John paid for his lunch with 6 quarters, 5 dimes, and 7 pennies. What was the total cost of his lunch?  
\_\_\_\_\_

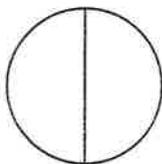
6. Use the information to fill in the line plot.

Lengths of Books on Shelf

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



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?

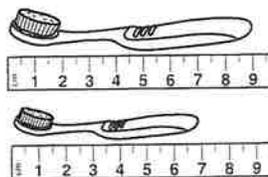
\_\_\_\_\_



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

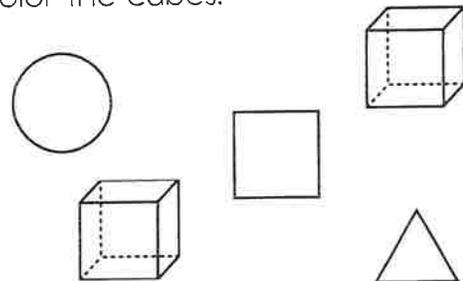


3. How much longer is one toothbrush than the other?  
 \_\_\_\_\_ inches

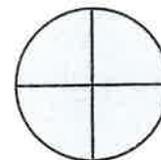


**Day 4**

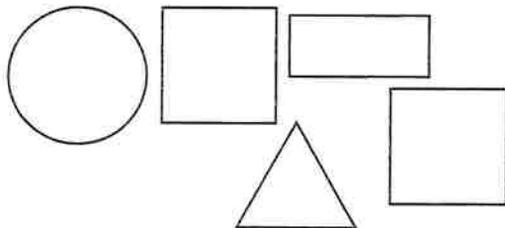
1. Color the cubes.



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.

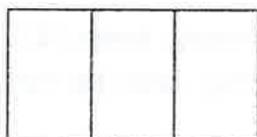
32 \_\_\_\_\_

640 \_\_\_\_\_

881 \_\_\_\_\_

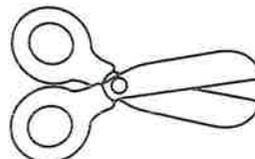
3. What fraction of the shape is shaded?

A. one-half    B. one whole

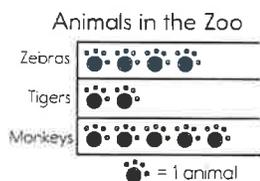


4. How long is the pair of scissors?

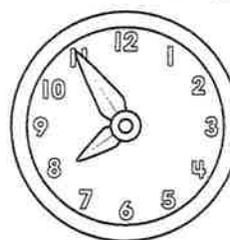
\_\_\_\_\_ centimeters



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. \_\_\_\_\_

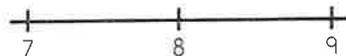
#### Day 2

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

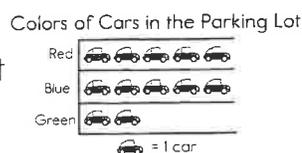
#### Day 3

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

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

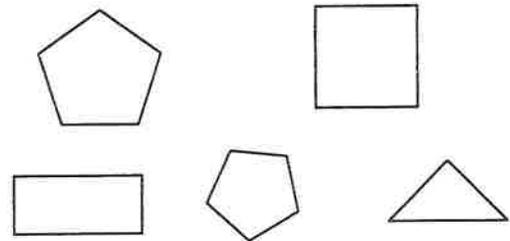


2. Which color of cars were present in the same amount in the parking lot?  
\_\_\_\_\_

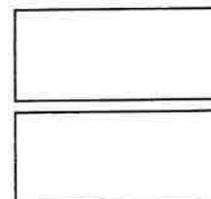


#### Day 4

1. Color the shapes that have five angles.



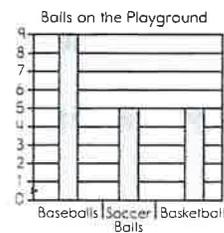
2. Show two different ways to divide each rectangle into thirds.



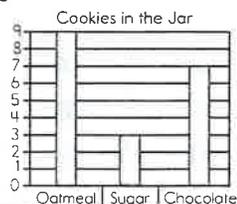
Name \_\_\_\_\_

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

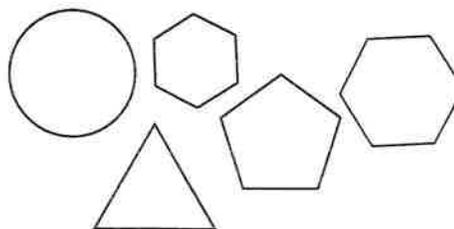
2. Which kinds of balls were present in equal amounts on the playground?  
\_\_\_\_\_



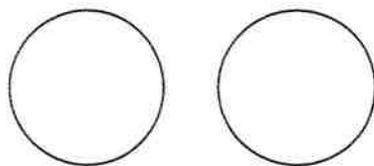
3. How many chocolate and sugar cookies are in the jar?  
\_\_\_\_\_



4. Color the shapes that have six sides.



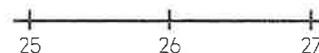
5. Show two different ways to divide the circles into halves.



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

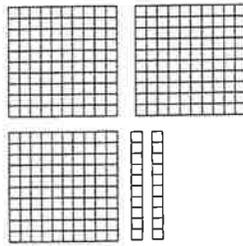
Practice the addition and subtraction facts.

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

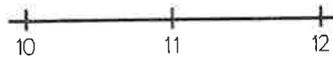
2. Draw an array for  $4 + 4 + 4 + 4 + 4 = 20$ .

#### Day 3

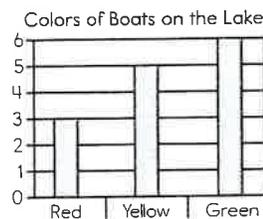
1. Use the information to fill in the line plot.

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

Lengths of Girls' Hair

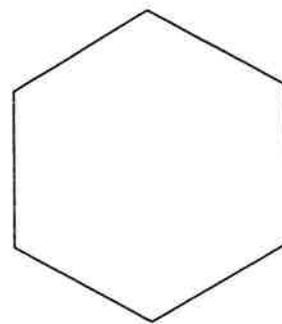


2. How many more yellow boats than red boats were on the lake? \_\_\_\_\_



#### Day 4

1. Name the shape.  
\_\_\_\_\_



2. Divide the shape into halves.

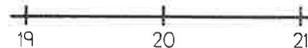
Name \_\_\_\_\_

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



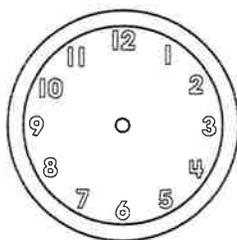
3. Pablo scored 14 goals in September, 8 goals in October, and 12 goals in November. How many more goals did Pablo score in September than in October?

\_\_\_\_\_ 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?

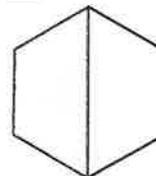
\_\_\_\_\_

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.