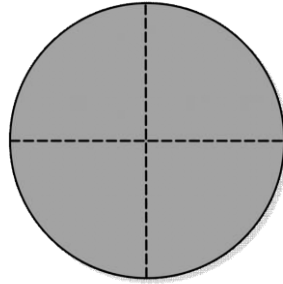
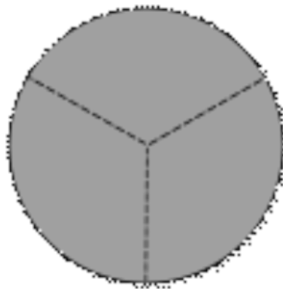


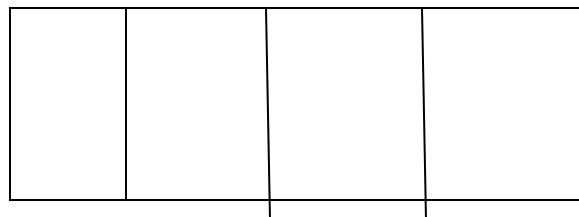
I have your favorite, chocolate pie. I have cut it into four pieces. Color in $\frac{1}{4}$ of the pie to show what you ate.



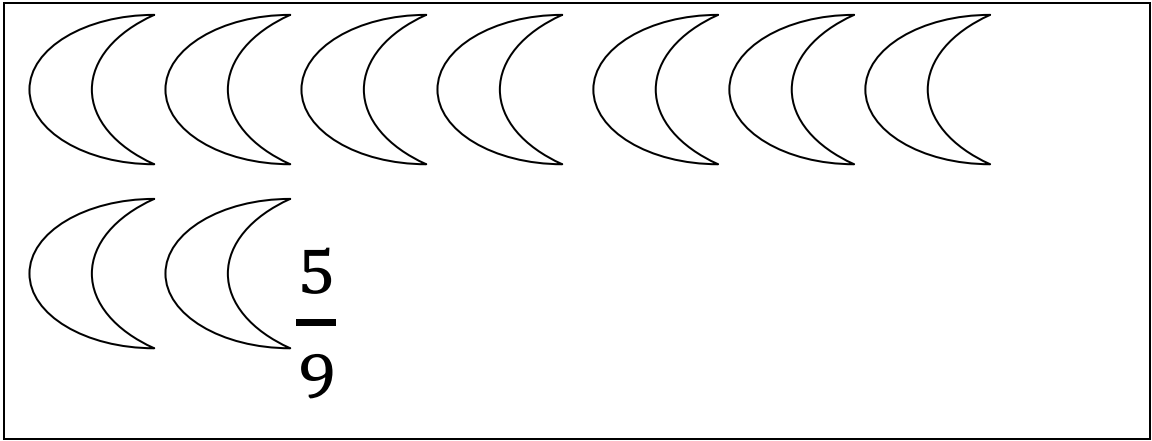
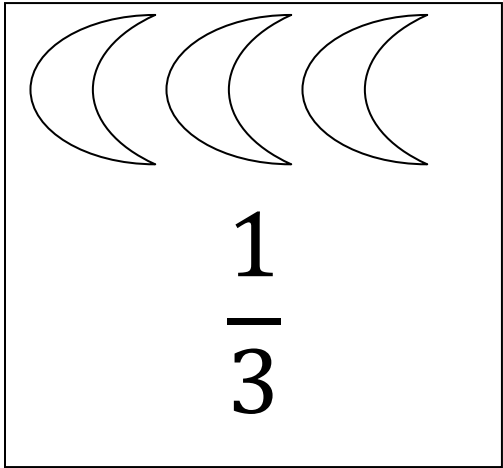
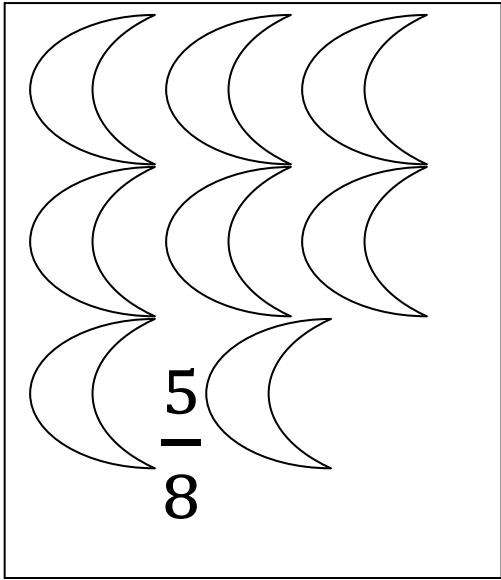
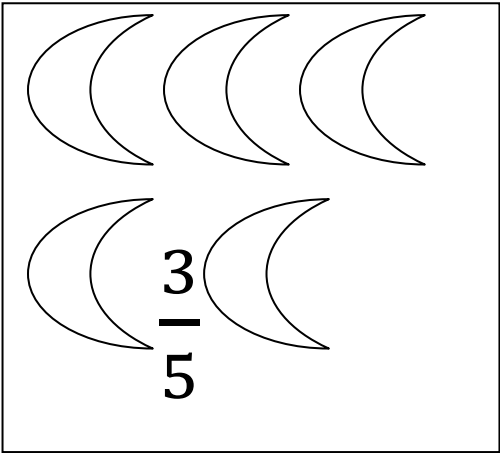
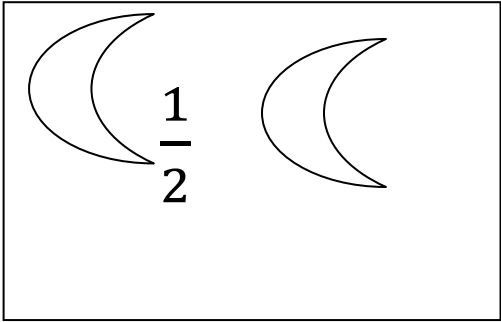
I have this delicious pizza for dinner. I cut it into three pieces. Color in $\frac{1}{3}$ to show how much I ate.



Here is a yummy candy bar. I am going to eat $\frac{1}{4}$ of it tonight and save the rest for the week. Color in $\frac{1}{4}$ to show how much I ate.



Color the correct number of fortune cookies to show each fraction.



There are 12 months in one year. Let's practice writing them.

January

February

March

April

May

June

July

August

September

October

November

December

When is your birthday? Write the month day, year

January February March April May
June July August September
October November December

Name a month that is cold:

.....
.....

Name a month that it is summer:

.....
.....

Which month is Christmas in:

.....
.....

Which month is Valentines Day:

.....
.....

Which month starts with J:

.....
.....

Which month starts with M:

.....
.....

Let's learn a poem to help you remember how many days are in each month.

***Thirty days hath September,
April, June and November;
February has twenty eight alone
All the rest have thirty-one
Except in Leap Year, that's the time
When February's Days are twenty-nine***

***Thirty days hath September,
April, June and November;
February has twenty eight alone
All the rest have thirty-one
Except in Leap Year, that's the time
When February's Days are twenty-nine***

Let's try and memorize this poem .

How many days are in the following:

September has _____ days

February normally has _____ days.

July has _____ days.

January has _____ days.

June has _____ days.

Write January

Write February

Write March

***Thirty days hath September,
April, June and November;
February has twenty eight alone
All the rest have thirty-one
Except in Leap Year, that's the time
When February's Days are twenty-nine***

Keep learning the poem.

Write April

Write May

Write June

Write July

Write August

Write September

***Thirty days hath September,
April, June and November;
February has twenty eight alone
All the rest have thirty-one
Except in Leap Year, that's the time
When February's Days are twenty-nine***

Keep learning the poem.

Write October

Write November

Write December

Write your birthday

Write today's date

Write the date of Christmas ---December 25

Let's learn some times

There are 60 seconds in 1 minute.

There are 60 minutes in 1 hour.

There are 24 hours in 1 day.

There are 7 days in 1 week.

There are 12 months in 1 year.

There are 365 days in 1 year.

How many days in 1 week?

How many months in 1 year?

How many hours in 1 day?

How many minutes in 1 hour?

How many days in 1 year?

Circle the correct answer:

There are 60 seconds in a minute year

There are 60 minutes in an second hour

There are 24 hours in a minute day

There are 365 days in a year week

There are 7 days in a week hour

There are 12 months in a year week

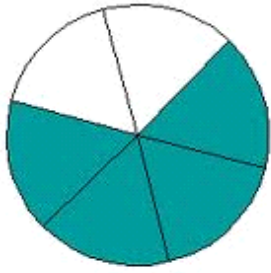
Follow the directions for ordinal numbers:

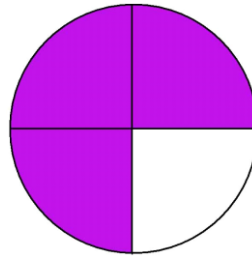
- a) Put a star in the 1st box.
- b) Put a triangle in the 4th box.
- c) Put the first letter of your name in the 10th box.
- d) Put a big X on the 9th box.
- e) Put squiggly lines in the 7th box.
- f) In the box to the right of the 1st box, put a smiley face.
- g) In the 3rd box, make a sad face.

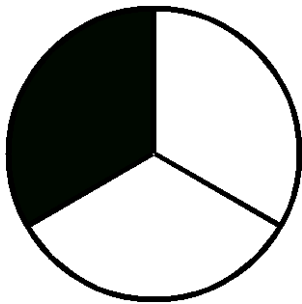
h) In the 5th and 6th box put two fruits

i) In the 8th box put circles.

Write which part of the fraction is shaded. Ex: $\frac{3}{4}$ (three of the four are shaded)

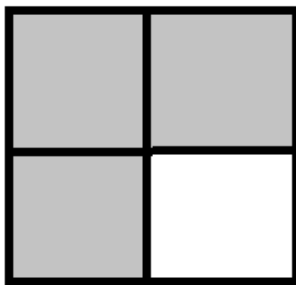


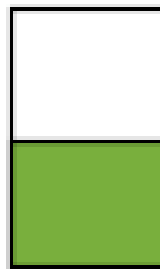






$\frac{3}{5}$





Write how many:

6 groups of ten 6 tens = 60 ones

9 groups of ten _____ tens = _____ ones

4 groups of one hundred _____ hundreds = _____ ones

2 groups of one hundred _____ hundreds = _____ ones

3 groups of ten _____ tens = _____ ones

In the following number 234...you have 2 hundreds,
3 tens, and four ones.

456 = _____ hundreds, _____ tens, _____ ones

864= ___hundreds, ___tens, ___ones.

717= ___hundreds, ___tens, ___ones.

394= ___hundreds, ___tens, ___ones.

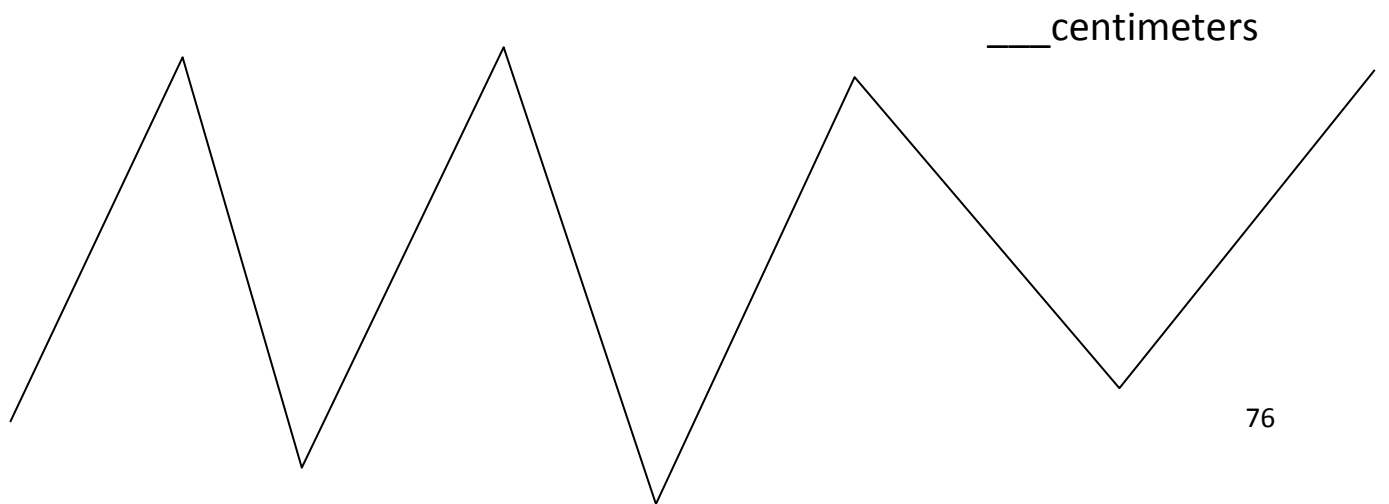
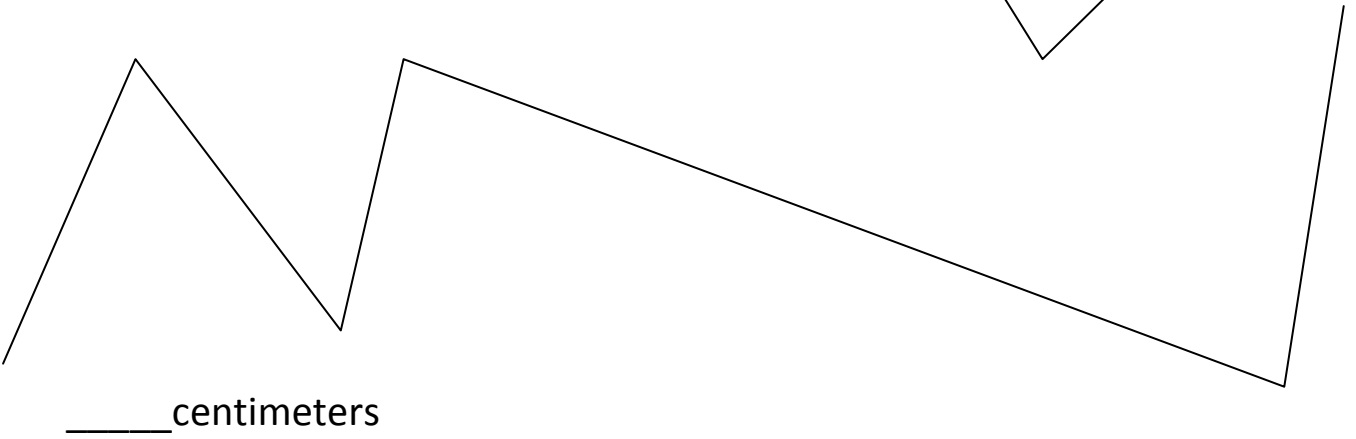
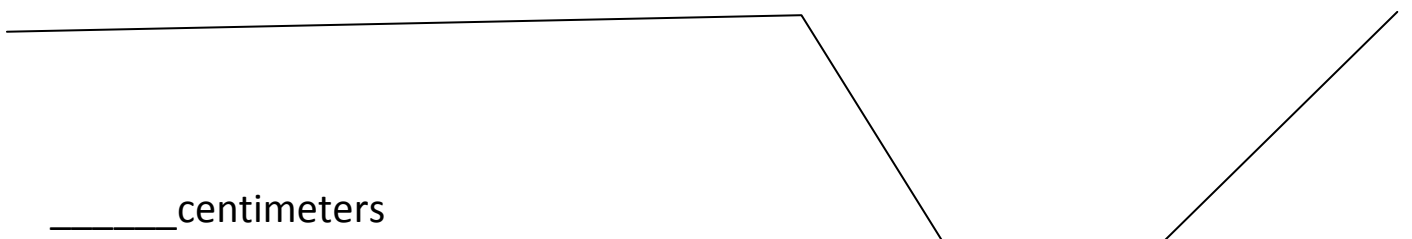
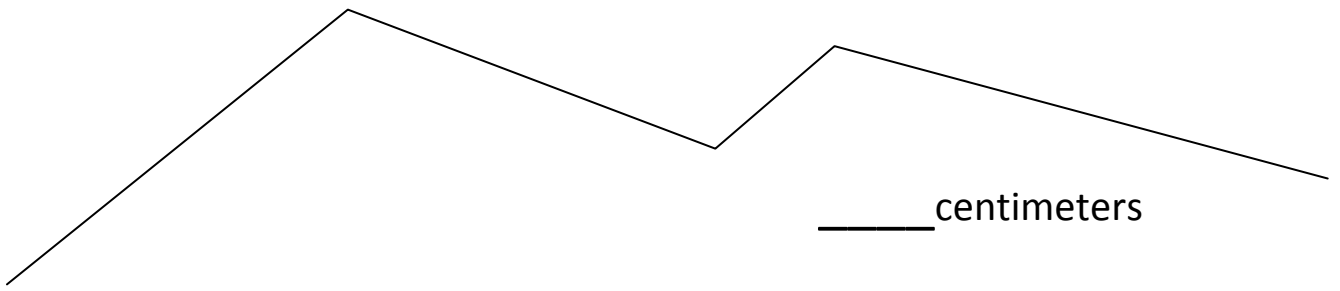
229= ___hundreds, ___tens, ___ones.

40+20= _____ 50+10= _____

60+20= _____ 30+30= _____

80+10= _____ 50+50= _____

Grab a ruler and measure the lines in centimeters



Expanded form shows how many hundreds, tens, and ones there are in a number. Match each number to the correct expanded form.

$900+10+5$

345

$200+70+8$

721

$700+20+1$

166

$800+30+7$

915

$300+40+5$

584

$600+90+0$

439

$100+60+6$

278

$500+80+4$

690

$400+30+9$

837

Write the following numbers:

$400+20+7=$ _____

$300+70+9=$ _____

$900+20+1=$ _____

$100+10+1=$ _____

$600+60+9=$ _____

$500+80+9=$ _____

Write < or > or =

231 _____ 588

187 _____ 871

208 _____ 754

919 _____ 191

527 _____ 527

400 _____ 399

287 _____ 908

261 _____ 891

890 _____ 890

754 _____ 745

Order the numbers from least to greatest

354, 674, 219 _____, _____, _____

643, 119, 379 _____, _____, _____

412, 214, 142 _____, _____, _____

Circle the greatest number

532 765 439 888

876 543 764 357

975 543 999 765

Circle the smallest number:

654 433 987 543

231 213 111 100

Count by tens.

340, 350, _____, 370, _____ 390

Count by hundreds

400, 500, 600, _____, 800, _____

Count by hundreds:

200, 300, _____, _____, 600, _____, 800

430, 530, _____, 730, _____, 930

643, 743, _____, _____

count by tens

220, 230, _____, 250, _____, 270, 280

510, 520, 530, _____, 550, _____, 570

Shapes

A rectangle has how many sides? _____

Draw me one

A square has how many sides? _____

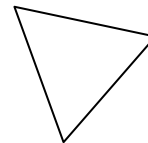
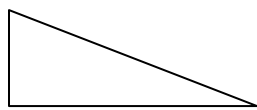
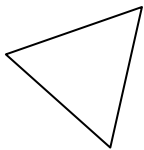
Draw me one

A circle has how many sides? _____

Draw me one

When two triangles are the same size and shape, we say they are congruent.

Which two are congruent



Here are some more geometrical shapes



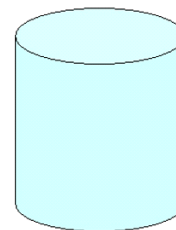
Cone



sphere



cube



cylinder

List some things that are this shape

Cone _____

Sphere _____

Cube _____

Cylinder _____

ODD and EVEN

The even numbers have pairs. The odd numbers do not. Set out 4 crayons. Set them in pairs of 2. Do you see how 4 has an EVEN set of pairs?

Now set out 7 crayons. Make them into pairs. You have one left over---that is why 7 is ODD

A good way to remember this: if the number ends in 0,2,4,6,8 then the number is even.

Circle the EVEN numbers, the ones that have pairs

4	6	7	9
2	10	11	17
1	3	8	14

What number comes next:

2	4				12				
---	---	--	--	--	----	--	--	--	--

5	10								
---	----	--	--	--	--	--	--	--	--

Practice subtraction two digit

$$\begin{array}{r} 76 \\ -43 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ -73 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ -22 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ -43 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ -22 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ -44 \\ \hline \end{array}$$

$50-20=\underline{\hspace{2cm}}$

$80-10=\underline{\hspace{2cm}}$

$20-10=\underline{\hspace{2cm}}$

$50-30=\underline{\hspace{2cm}}$

Do you remember your doubles?

$2+2=$ _____

$3+3=$ _____

$4+4=$ _____

$5+5$ _____

$6+6$ _____

$7+7$ _____

$8+8$ _____

$9+9$ _____

$1+1$ _____

Solve:

$$\begin{array}{r} 43 \\ +28 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ +29 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ +44 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ +19 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ +11 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ +67 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ +70 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ +55 \\ \hline \end{array}$$

$$60+20=\underline{\hspace{2cm}}$$

$$30+30=\underline{\hspace{2cm}}$$

$$60+10=\underline{\hspace{2cm}}$$

$$30+20=\underline{\hspace{2cm}}$$

December 2015						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

What month is this calendar for _____

What day is December 25th (Christmas) on _____

If today is the 8th, how many days till the weekend? _____

How many Tuesdays are in December? _____

How many Sundays are in December? _____

What day is the 23rd _____

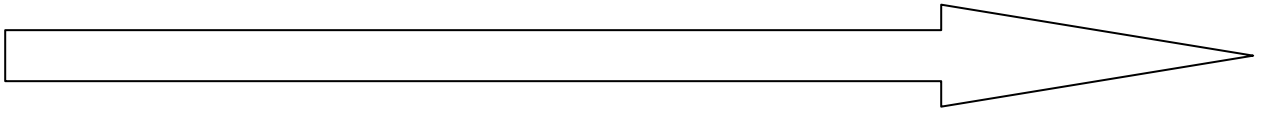
Follow the directions:

Begin here					

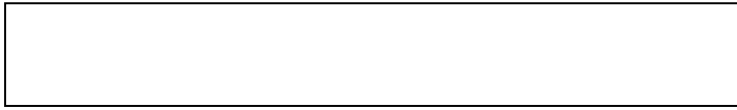
- a) Color in a route by these instructions.
- b) Go down 4 squares.
- c) Take a right and go over 5 squares.
- d) Go up 3 squares.
- e) Go over to the left 3 squares.
- f) Go down 1.
- g) Go to the right 1 square.

Begin here	a	b	c	d
e	f	g	h	i
j	k	l	m	n
o	p	q	r	s
t	u	v	w	x

- a) Go to the right 4 squares.
- b) Go down three squares.
- c) Go to the left 3 squares
- d) Go down 1
- e) what letter are you at_____



How many centimeters is this arrow? _____centimeters



How many centimeters long is this rectangle? ____centimeters



How many centimeters is this pen? _____centimeters



How many centimeters is this ladder _____centimeters

Draw me the following shapes:

circle	triangle	rectangle
star	heart	diamond
square	oval	cone

Take this chart and use tally marks to count how many objects are in our home. Then count the tally marks.

windows _____	doors _____	benches _____
rugs _____	fans _____	fireplaces _____
tv's _____	trash cans _____	phones _____

Use real life examples to estimate time.

How long does a bath take?

15 minutes or hours

How long does it take to cook dinner?

45 seconds or minutes

How long does it take to play at the park?

2 hours or minutes

How long does it take to comb your hair?

60 seconds or hours

How long does it take to brush your teeth?

2 minutes or seconds

How long does it take to drive to church?

20 days or minutes

How long to play a game?

minutes days

To wash your face?

minutes hours

To write your name?

months minutes

To watch a movie?

minutes hours

My box wrapper tore off and I don't know how long to cook the noodles for. Should I cook them for

8 minutes 8 seconds 8 hours

Lets add hundreds

$$100+200=300$$

$$100+100=_____$$

$$100+700=_____$$

$$200+300=_____$$

$$400+400=_____$$

$$200+100=_____$$

$$400+100=_____$$

$$\begin{array}{r} 700 \\ +100 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ +300 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ +200 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ +600 \\ \hline \end{array}$$

Regrouping hundreds

Remember when we had to carry over the extra while adding from the ones to the tens? Now we will do it with the hundreds. It is the same concept. Start on the right hand side and continue moving toward the left.

$$\begin{array}{r} 375 \\ +435 \\ \hline 810 \end{array}$$

Add:

$$\begin{array}{r} 129 \\ +203 \\ \hline \end{array}$$

$$\begin{array}{r} 263 \\ +119 \\ \hline \end{array}$$

$$\begin{array}{r} 288 \\ +306 \\ \hline \end{array}$$

$$\begin{array}{r} 247 \\ +164 \\ \hline \end{array}$$

$$\begin{array}{r} 388 \\ +213 \\ \hline \end{array}$$

$$\begin{array}{r} 538 \\ +202 \\ \hline \end{array}$$

Regroup subtraction

$$\begin{array}{r} 763 \\ -237 \\ \hline \end{array}$$

$$\begin{array}{r} 657 \\ -439 \\ \hline \end{array}$$

$$\begin{array}{r} 483 \\ -166 \\ \hline \end{array}$$

$$\begin{array}{r} 275 \\ -166 \\ \hline \end{array}$$

$$\begin{array}{r} 974 \\ -327 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ -104 \\ \hline \end{array}$$

If you haven't already started. Begin practicing with XtraMath.org to learn your math facts. Begin in addition and move to subtraction.

Solve:

What number am I?

I am more than 250.

I have a 3 in the ones place.

The sum of my three numbers is 9.

443, 603, 153, 702, 523

What number am I?

I have a 0 in the ones place.

I am less than 400.

The sum of my three numbers is 6.

222, 321, 420, 330, 160

What age am I?

I am older than my brother who is 10.

I am younger than my sister who is 28.

I am twice the age of my sister who is 6.

How old am I?

11, 12, 31, 8

REVIEW

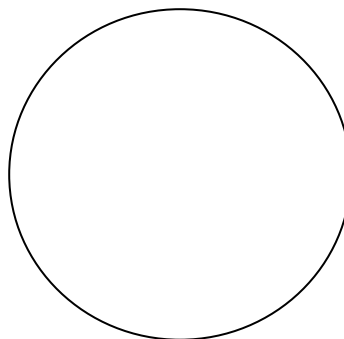
Which numbers come next?

16, 20, 24, _____, _____

Which coin is the biggest in size and is less than 50 cents?

- a) dime
- b) quarter
- c) penny
- d) nickel

Break the rectangle in 3 equal parts and color $\frac{1}{3}$ of the rectangle. Break the circle in 4 equal parts and color $\frac{3}{4}$ of the circle.



Which of these is the same as 1 day?

- a) 2 weeks
- b) 24 hours
- c) 24 minutes
- d) 2880 minutes

Fill in the missing numbers?

842, 852, 862, _____, _____, 892

You have 2 quarters, 3 dimes, 1 nickels, and 3 pennies.

How much money do you have? _____

If you buy a candy bar for 65 cents. How much will you have left? _____

At Ashley's wedding reception, there were 321 guests but only 178 meals. How many more meals were needed? _____

< or >

87 _____ 81

157 _____ 211

Which number has 5 in the hundreds place and 2 in the ones place.

- a) 152
- b) 252
- c) 521
- d) 512

For the number 985, what digit is in the

tens place _____ ones place _____ hundreds place _____

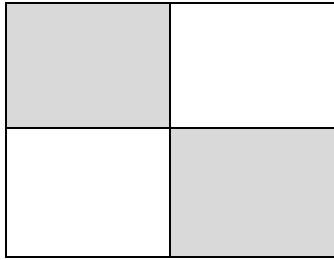
$$\begin{array}{r} 344 \\ +132 \\ \hline \end{array}$$

$$\begin{array}{r} 654 \\ +356 \\ \hline \end{array}$$

$$\begin{array}{r} 987 \\ -445 \\ \hline \end{array}$$

$$\begin{array}{r} 863 \\ -758 \\ \hline \end{array}$$

Write the fraction for the shaded figure:





< > =

$40+10$ _____ 60

$23+11$ _____ 80

$12-8$ _____ 6

$10-8$ _____ 9

What is the geometric name for a figure that looks like the earth _____

a pipe that carries water _____

Indian teepees _____

Write the following in words

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Write out your birthday—month, day, year

Mary picked 5 apples and Bill picked 7. They shared the apples evenly. How many did each child get?

_____apples each

List the even number from 10 to 20

What is the difference of 75 and 90?

Mike had saved \$16. Then Mom gave him \$10. Now how much more does he need in order to buy a toolset for \$30?

Write the numbers

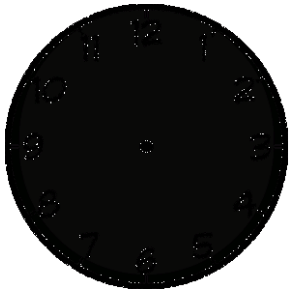
2 hundreds, 6 tens, and 7 ones=_____

9 hundreds, 8 tens, and 1 ones=_____

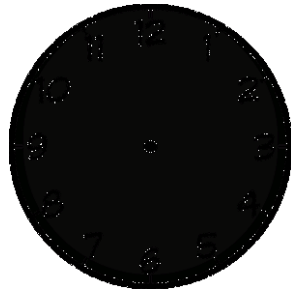
3 hundred and 4 ones=_____

$$\begin{array}{r} 35 \\ 36 \\ \hline +12 \end{array}$$

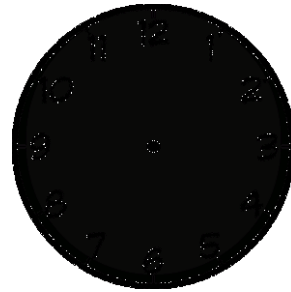
$$\begin{array}{r} 224 \\ \hline +458 \end{array}$$



5:30



1:00



9:30

$$\begin{array}{r} 452 \\ \hline -210 \end{array}$$

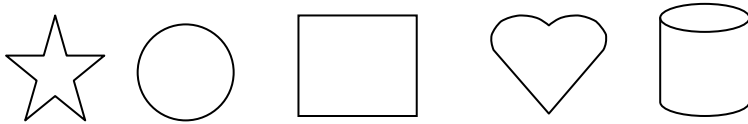
$$\begin{array}{r} 17 \\ \hline -6 \end{array}$$

$$\begin{array}{r} 43 \\ \hline -38 \end{array}$$

Which contain numbers that are all less than 19?

- a) 7, 15, 10, 18
- b) 91, 20, 32, 57
- c) 18, 6, 23, 65
- d) 12, 81, 17, 4

What shape is third from the star?



- a) star
- b) circle
- c) square
- d) heart
- e) cylinder

Which numbers should go in blank spaces when you count by ones?

38, 39, _____, 41, 42, 43, _____

- a) 40 and 44
- b) 29 and 45
- c) 30 and 46
- d) 39 and 44

Which number is the expanded numeral for seven hundred eighty-six?

- a) $60+80+70$
- b) $70+80+60$
- c) $700+80+6$
- d) $70+86$

There are 57 unbaked cookies on the counter. Each pan will hold ten cookies. How many pans can be filled completely with cookies?

- a) 7
- b) 5
- c) 10
- d) 6

Which group of numbers is in the correct counting order?

- a) 79, 78, 77, 80, 81
- b) 78, 79, 77, 80, 81
- c) 77, 78, 79, 80, 81
- d) 79, 77, 78, 81, 80

Which number shows the difference between 5 and 12?

- a) 7
- b) 9
- c) 6
- d) 5

Which numeral matches the word SEVENTY

- a) 7
- b) 17
- c) 77
- d) 70

Which number goes in the blank...

ten, eleven, _____, thirteen

- a) fifteen
- b) twelve
- c) nine
- d) fourteen

Which word stands for the number 43

- a) thirty-four
- b) forty
- c) forty-three
- d) forty-four

which pattern shows counting by twos?

- a) 3, 5, 8
- b) 4, 6, 8
- c) 1, 4, 7, 10
- d) 5, 10, 15

Which digit is in the hundreds place 4521

- a) 4
- b) 5
- c) 2
- d) 1

which is the place value of the number 4 in 945

- a) ones
- b) tens
- c) hundreds

Which number has 6 ones and 3 hundreds

- a) 563
- b) 653
- c) 356
- d) 536

Look at the number sentence below. Which sign will make the sentence true.

$$8 \square 3 = 5$$

- a) +
- b) -
- c) x
- d) ÷

which group of number statements equals the same as the word "eight"

- a) $10-5$ $3+2$
- b) $4+4$ $11-3$
- c) $13-6$ $4+3$
- d) $8+3$ $15-4$

which number is thirty-one rounded to the nearest ten?

- a) 10
- b) 30
- c) 40
- d) 50

Five ants live in the colony. Four leave the colony. which number sentence shows how many ants are left in the colony?

- a) $5-4=1$
- b) $5+4=9$
- c) $9-5=4$
- d) $6+4=10$

Fifteen students are in a lunch line. Emma is fifth in line. How many students are behind Emma?

- a) 7
- b) 21
- c) 10
- d) 14

which number says nine hundred thirteen

- a) 9013
- b) 9413
- c) 913
- d) 3391

Which numeral means one hundred, five tens, and eight ones

- a) 158
- b) 1058
- c) 581
- d) 815

which numeral is between 59 and 88

- a) 40
- b) 57
- c) 91
- d) 60

which means the same as 15 is less than 25

- a) $25-15$
- b) $15>25$
- c) $25<15$
- d) $25>15$

There are 86 children going on the field trip. Each bus holds ten children. How many buses will they need to take?

- a) 6
- b) 7
- c) 8
- d) 9

Rewrite these problems vertically to make it easier to do.

$8 + 2 =$

a) 11

b) 9

c) 12

d) 10

$15 + 3 =$

a) 17

b) 16

c) 18

d) 19

$33 + 5 =$

a) 54

b) 60

c) 38

d) 58

$502 + 26 =$

a) 482

b) 628

c) 528

d) 608

$34 + 41 =$

- a) 75
- b) 65
- c) 77
- d) 85

$11 + 5 + 2 =$

- a) 16
- b) 15
- c) 19
- d) 18

$342 + 497 =$

- a) 839
- b) 939
- c) 844
- d) 838

$8 + 6 =$

- a) 14
- b) 16
- c) 12
- d) 15

$7 + 26 =$

- a) 34
- b) 44
- c) 33
- d) 32

$12-5=$

- a) 7
- b) 10
- c) 8
- d) 4

$18-4=$

- a) 13
- b) 16
- c) 14
- d) 15

$49-23=$

- a) 52
- b) 26
- c) 36
- d) 62

$355-78=$

- a) 177
- b) 279
- c) 277
- d) 79

$26-5=$

- a) 21
- b) 31
- c) 20
- d) 22

$66-49=$

- a) 27
- b) 17
- c) 19
- d) 18

$253-74=$

- a) 279
- b) 176
- c) 179
- d) 163

$586-98=$

- a) 488
- b) 589
- c) 482
- d) 478

$365-76=$

- a) 281
- b) 279
- c) 289
- d) 441

$$\begin{array}{r} 68\text{¢} \\ -21\text{¢} \\ \hline \end{array}$$

- a) 57¢
- b) 47¢
- c) 48¢
- d) 49¢

$$11\text{¢} - 5\text{¢} =$$

- a) 7¢
- b) 6¢
- c) 8¢
- d) 9¢

Which object would most look like a rectangle?

- a) a ball
- b) a candy bar
- c) a chair
- d) a sunshine

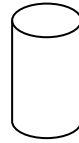
Which figure has three corners? *note we did not cover this, but see if you can get the answer

- a) square
- b) triangle
- c) rectangle
- d) circle

How many sides does a rectangle have? **we did not cover this, but see if you can figure out the answer

- a) 3
- b) 4
- c) 5
- d) 6

What is the name of this figure



- a) sphere
- b) cone
- c) cylinder
- d) tube

What is the name of the figure that is the shape of the earth?

- a) cylinder
- b) cube
- c) sphere
- d) triangle

Which object might weigh ten pounds?

- a) a flower
- b) a ball of yard
- c) a zebra
- d) a bag of potatoes

Paul's pizza was $\frac{1}{2}$ cheese. The rest was sausage. How much of the pizza was sausage?

- a) $\frac{1}{3}$
- b) $\frac{1}{2}$
- c) $\frac{1}{4}$
- d) the whole pizza

Danny's sand castle took 9 buckets of sand to build. Gail's took 3 more buckets than Danny's. How many buckets of sand did it take to make Gail's castle?

- a) 8
- b) 12
- c) 14
- d) 3

All the children built a huge castle with 13 rooms. A wave washed away 5 of the rooms. How many rooms were left?

- a) 2
- b) 4
- c) 6
- d) 8

Mom worked from 9:00 till 9:30. Later she worked for another hour. How many hours did Mom work?

- a) $\frac{1}{2}$ hour
- b) 1 hour
- c) $1 \frac{1}{2}$ hours
- d) 2 hours

Which item would look most like a circle

- a) a bar of soap
- b) the moon
- c) a scarf
- d) a desk and chair

Which number is between 23 and 34

- a) 19
- b) 40
- c) 30
- d) 20

Which of the following would weigh about 2 pounds

- a) an airplane
- b) a dinosaur
- c) a fork
- d) a drum set

If you were to measure how tall you were what would you use

- a) a measuring cup
- b) a scale
- c) a ruler
- d) a thermometer

Write the days of the week;

Write the months of the year

write the words for numbers 1-10

I do not introduce multiplication to this grade level. On the CAT 5 test they do have around 4 questions that pertain to multiplication. We study it in 3rd grade. If you want to begin teaching your child, you can. The testing is done only on a few basic multiplication one digit problems.