## Long Division



## Long Division

Long division is as simple as memorizing the people in this family.


Dad


Brother

## Long Division

Each person represents a step in the long


> Dad


## 3. Subtract

4. Bring down


## Step 1 In Long Division

## 1. Divide

## Dad

Divide 2 into first number in the dividend. - Think how many 2's will fit into 9 .

- Write that number directly above the number you divided into.

How many 2's will go into 9 ?

## STEP 2 In LONG DIVISION

## 2. Multiply

## Mom

Multiply the divisor

times the first number in the quotient.

- Write your answer directly under the 9 or the number you divided into.

$$
2 \times 4=8
$$ just

## STEP 3 in LONG DIVISION

## 3. Subtract

Sister
Draw a line under the 8 .

- Write a subtraction sign next to the 8 .
- Subtract 8 from 9 .
- Write your answer directly below the 8 .

- Bring the 4 down next to the 1 .


## STEP 5 IN LONG DIVISION

## 5. Repeat or

 Remainder

This is where you decide whether you repeat the 5
 steps of division.

- If your divisor can divide into your newnumber, 14 , or if you have numbers in the dividend that have not been brought down, you repeat the 5 steps of division.


## Step 1 in Long Division



## Dad

## Divide 2 into your new

 number, 14.- Place your answer directly above the 4 in

your quotient.


## STEP 2 In LONG DIVISION

## 2. Multiply

Mom
Multiply your divisor, 2, wilt r
your new number in the quotient, 7.


- Place your answer directly under the

14. 

## Step 3 in Long Division

## 3. Subtract

## Sister

Draw a line under the bottonf 14.

- Draw a subtraction sign.
- Subtract \& place answer under the line.



## STEP 4 In LONG DIVISION

## 4. Bring down

## Brother

- Put an arrow under
-the next number, 7 , - in the dividend.
- Bring the 7 down next to the 0 .



## STEP 5 In LONG DIVISION

## 5. Repeat or Remainder

## Rover



If the 2 will divide into your new number, 7 , then repeat the steps of division.


## Step 1 In Long Division

## 1. Divide

## Dad

Divide your divisor, 2 , into your new number, 7.

- Place your answer in the quotient next to the 7 .




## STEP 2 IN LONG DIVISION

2. Multiply

## Mom

Multiply your divisor, 2, by
your new number in the quotient, 3.

- Place your answer under the number you brought down, 7.




## STEP 4 IN LONG DIVISION

## ( 4. Bring down

Brother
Look at your dividend to see if there are any more numbers to bring down.


- If not, move to step 5.
- 



## Step 5 in Long Division

## 5. Repeat or

 RemainderRover
Since there are no more numbers to bring down \& 2 will not divide into 1 , you do not repeat the steps of division.

- The number left over, 1 ,
becomes the remainder.




## Credits

-Written by Monica Yuskaitis -Illustrations by
-Corel Gallery by Corel Corp. -Broderbund ClipArt T/Maker Co.
-Copying of this software must be approved -by Monica Yuskaitis, Walter White Elementary, CUSD
-This software may only be used in Ceres -Unified School District

