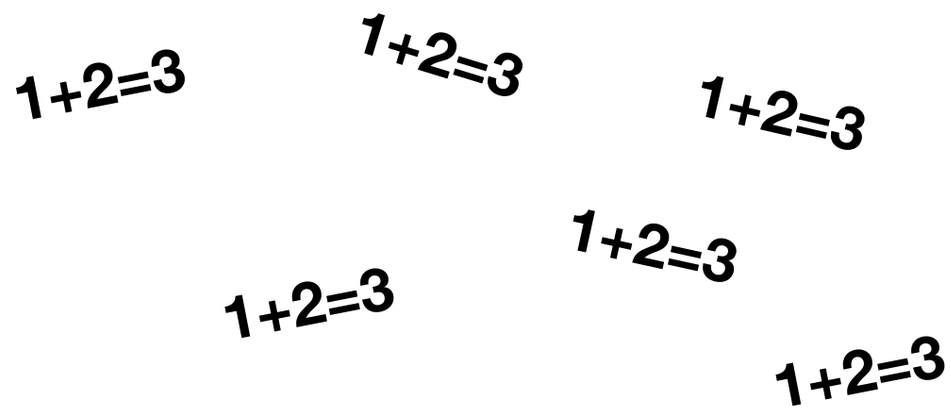
The fun Book Of Math



Made by Ethan Kwan

Chapter 1: the basics of math

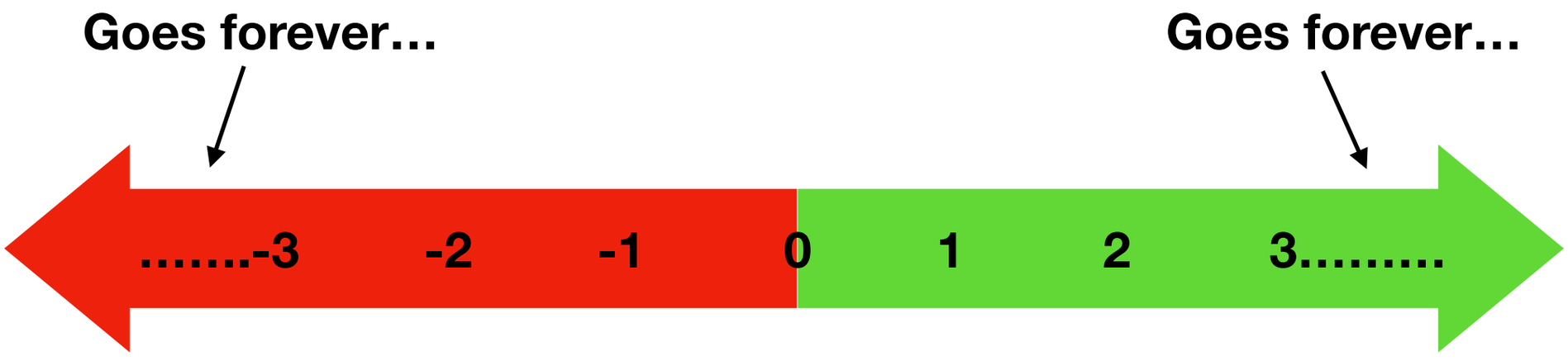


Numbers

What are numbers?

Numbers are these “symbols” for a lot of “mathematical symbols” people use for some of the things(I mean EVERYTHING) I am gonna show you.

Here they are:

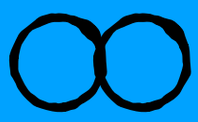


1st few numbers:

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

Hot fact:

Biggest number in the world: infinity.

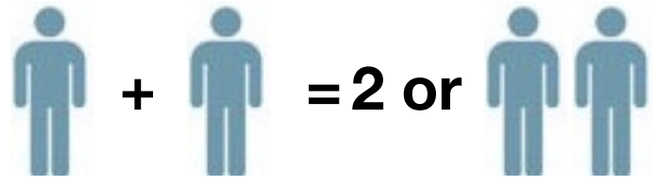


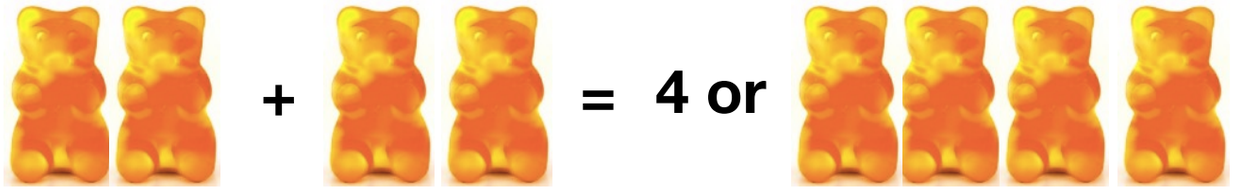
Basically means endless

Addition

What is addition?

Addition is putting two numbers(e.g. 2 and 5)and making them combine so the numbers”add”and form a new number.



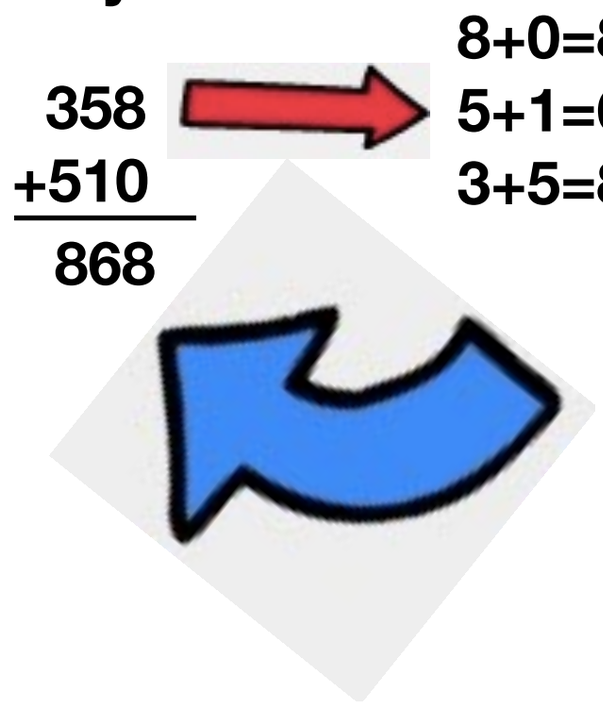




1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

Adding Big numbers

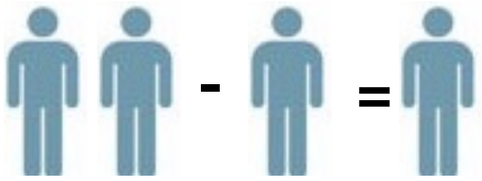
Adding big numbers is a pretty big job.(ya get it?)
luckily there is an easy method.and here it is:



Subtraction

What is subtraction?

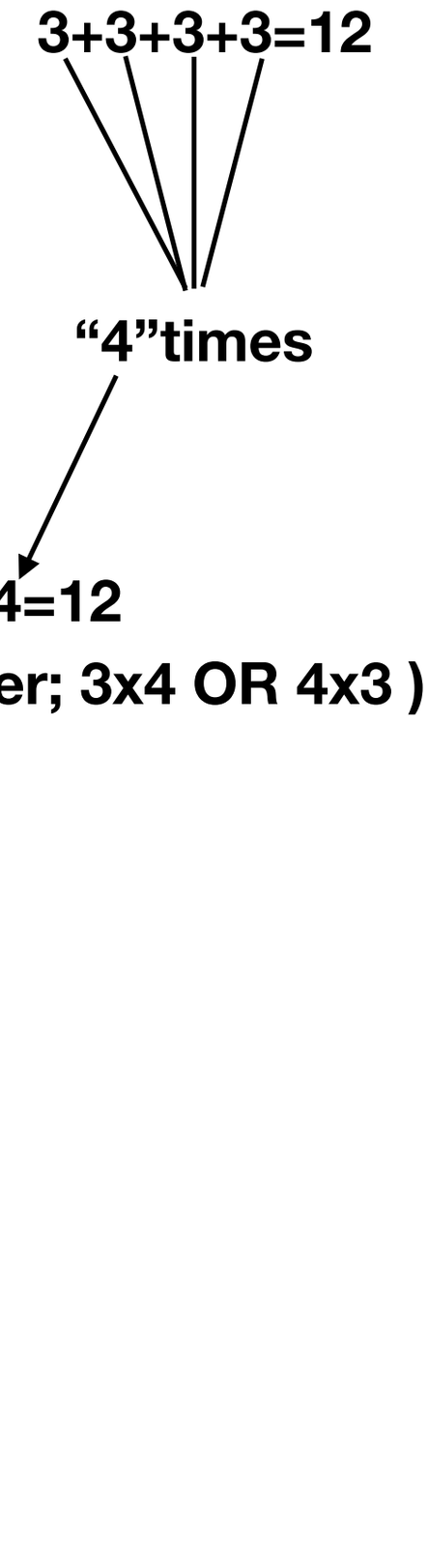
Quite simply, it is the opposite of addition.(kinda like getting rid of)



Multiplication

What is multiplication?
Multiplication is kinda like addition, but the SAME NUMBER REPEATEDLY!
(this is IMPORTANT!)

Also, anything times 0=…zero!(even 0x4,574,663,469)



(doesn’t matter; 3x4 OR 4x3)

Ask your parents(if you're a kid) how this works. I really can't explain it.

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

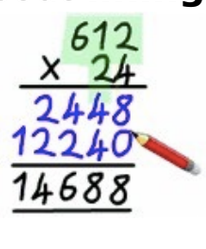
Long Multiplication

Long Multiplication is a special method for multiplying larger numbers.
It is a way to multiply numbers larger than 10 that **only needs your knowledge of the ten times Multiplication Table**.
Let us say we want to multiply

612 × 24

First we multiply **612 × 4** (=2,448),
then we multiply **612 × 20** (=12,240),
and last we add them together (2,448 + 12,240 = 14,688).
But we can do better!

When we multiply **612 × 20** we only need to multiply **612 × 2** and **place the result one column over** (so it is the same as multiplying by 20).
We just have to be careful about **lining up the columns**.We **could** also put a zero where the space is, like



Have a try yourself with these Long Multiplication Worksheets(not mine)

Division

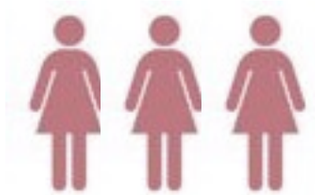
What is division?

Easily enough, its exactly the same as multiplication, just backwards!

10 candies

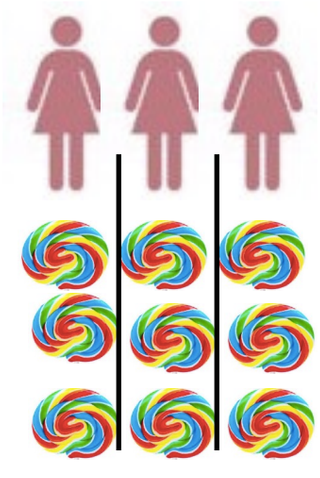


3 people



1 remainder





Pi

What is pi?

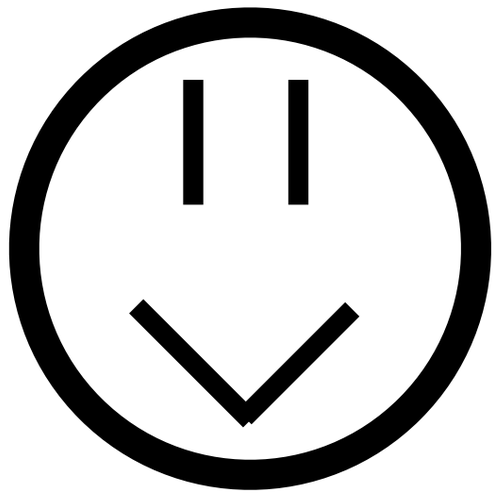
Pi is an endless number (and computers, at this very moment, are still making the numbers!)and people are competing to see how many numbers they can memorize!(I think the record is 1,326 numbers!)here they are:

*3.14159265358979323846264338327950288419716939937510582097494459230781640628620899862803482534211706798214808651328230664709384460955058223172535940812848111745028410270193852110555964462294895493038196442881097566593344612847564823378678316527120190914564856692346034861045432664821339360726024914127372458700660631558817488152092096282925409171536436789259036001133053054882046652138414695194151160943305727036575959195309218611738193261179310511854807446237996274956735188575272489122793818301194912983367336244065664308602139494639522473719070217986094370277053921717629317675238467481846766940513200076293176752384674818467669405132000**

These are only a few.want 1,000,000? Click Here.

Chapter 2: ways to make math ~~boring~~.

Fun



1. Play math games.
You already know about the old stand-bys like Checkers and Battleship. But have you heard of Colorku and Yamslam? Browse What Do We Do All Day's list of math gifts for kids in elementary school. (Better yet, follow her blog! She often shares new games her family has discovered.)
2. Take a field trip.
Do you have a math or science museum nearby? Without guidance, your child might hop from one station to another and get very little out of the experience. Be sure to slow down and explore exhibits together.
Do some research and find out if any local factories give tours. Talk to the tour guide about how math is used to design and manufacture the product.3. Try not to drill your child on math content.
Let's face it. Mindless repetition is boring.
Yeah, I know. Your child has those math cards to learn. Even flash cards don't have to be painful! I recently shared over 25 fun ways to learn math facts. Go check it out!
4. Help your children see the purpose of math.
Let them see you calculate gas mileage, determine the best buy at the grocery store, and balance the family budget. When your kids see your interest in math (and enjoyment of it, hint, hint), they'll see its value.
5. Teach your child to manage money.
Give your child a ledger to record income and expenses, and help him learn to manage his birthday money or allowance. If he wants to borrow from you, help him calculate the interest.6. Take your child's interests into account.
Math is related to nearly every interest. Here are just a few!
Is your child a baseball fan? Record statistics. Calculate batting averages.
Is your child into fashion? Visit a fabric store and calculate the cost of materials to create a dream design.
If your child is into computers, find a beginner's coding class.
Building is your child's thing? Design and build a complex structure.7. Ask thoughtful math questions.
Are you waiting in the doctor's office? Waiting for your meal to arrive? Sitting on the sidelines waiting for a sibling's game to start? Resist the temptation to check your phone or get out the iPad for some easy entertainment. It's the perfect time to talk about math!
"Do you think 1/2 or 3/4 of a pizza is bigger?" Draw a picture on a napkin.
"Look at that score. Our team has 14 points. What does the one mean in 14?"
"About how many people are in this packed auditorium?"
"If we've used half a tank of gas, when should we refuel?"
"This package of 12 oz is $2.49. This package of 16 oz is $2.70. Which one is a better deal?"

"This coupon gives us 15% off our total bill. How much will we save if our bill is $75?"
For a huge variety of math questions for all ages, check out the classic book Family Math.

Chapter 3:ending

Bye

I HOPE YOU ENJOYED THE BOOK!

If you want to leave an comment or review, please do. That will help me, good or bad, because this is my most writing in a book, and love to hear what you think. Thanks for reading!