



Ms. Meskill's Monthly Math Newsletter

January

Mathematicians of the Month:



Hypatia - By Sriya Magar Thapa

Hypatia was probably the first female mathematician. Hypatia lived in Ancient Greece, which is now in modern day Egypt. She was the daughter of Theon, who was a philosopher and mathematician. Hypatia assisted her father with his mathematical works, and wrote many other works on her own. Unfortunately all of Hypatia's work was lost and we only know the titles and other people's references

to it. Despite this, she is still considered to be a great mathematician of the ancient world.

Albert Einstein By Karina Heng, Kayla Nay

Albert Einstein, is a famous Mathematician. We picked this Mathematician because Albert Einstein is very smart scientist. He was born March 14, 1879 and died April 18, 1955. Albert is best known to the general public for his mass-energy equivalence formula $E = mc^2$, which has been dubbed "the world's most famous equation." He received the 1921 Nobel Prize in Physics "for his services to theoretical physics", and especially for his discovery of the law of the photoelectric effect, a pivotal step in the development of the quantum theory." A quote that inspired us from Albert Einstein is "If you can't explain it simply, you don't understand it well enough." This is our famous Mathematician.



Math Fun Fact of the Month:

- Math have a lots of fun thing to do with for example: taking turn go online math or math programs , or even playing number cards game with partner by adding ,subtracting, multiplying ,and dividing them.Sometime you can do a recipe by using math fraction or whole number.(Yaling Qian)

Problem of the Month:

Alex had 37 brownies and he invited 10 friends if he has 37 brownies.How much of a brownie will each friend get? (By Christopher Ramos)

Two students were walking to school one day when they saw two teachers each walking with two dogs ?

1. . How many ears do the dogs have in all ?
2. On each dog's ear there were two flea's . How many were there in all ? show your calculation. (Antonio Razo)

Joseph has 56 cookies. He divides the cookies equally to 8 of his ends. Each friend ate some cookies and ended up with $2 \frac{1}{3}$ cookies left. How much cookies did each friend eat? (By Alex Le)

This Month In Math:

- We are learning the power of tens and there a easy way to help us learn it. The trick is that anything you muliply by 10 or 100 or any number that have a 1 and zeros you can add more zeros at the end to get the answer. It will always move left because you have add it at the back because if you add it to the front it will represent the same number and it is that easy you do not a calculator to get the answer. (By Debin Su)
- Most mathematical symbols weren't invented in the 16 century. Before that, equations were written in words. Every odd number has an "e" in it. (Debin Su)

Room 23's Happenings:

So in room 23, we are done our Math projects. The project was about multiplying whole numbers to fractions . We are also doing Math Rotation during small group instructional time. During rotations, we are making our own "Solve Me Mobiles" which is fun to solve. We also build skyscrapers. We go on Imagine Math. and we sometimes meet up with Ms.Meskill. We used to have science and math in the same classroom,but now we only have math because we got a third classroom.We also have problem of the week,basically,kids from different classrooms try to solve a problem that Ms.Meskill puts up,whoever gets it right,gets a prize.This week's problem of the week prize is a



Powers of Ten

Power	Expression	Standard Form
10^1	10	10
10^2	10×10	100
10^3	$10 \times 10 \times 10$	1,000
10^4	$10 \times 10 \times 10 \times 10$	10,000
10^5	$10 \times 10 \times 10 \times 10 \times 10$	100,000
10^6	$10 \times 10 \times 10 \times 10 \times 10 \times 10$	1,000,000
10^7	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	10,000,000
10^8	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	100,000,000
10^9	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	1,000,000,000

Powers of Ten		
POWER	EQUATION	STANDARD FORM
10^1	10	10
10^2	10×10	100
10^3	$10 \times 10 \times 10$	1,000
10^4	$10 \times 10 \times 10 \times 10$	10,000
10^5	$10 \times 10 \times 10 \times 10 \times 10$	100,000
10^6	$10 \times 10 \times 10 \times 10 \times 10 \times 10$	1,000,000
10^7	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	10,000,000
10^8	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	100,000,000
10^9	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	1,000,000,000
10^{10}	$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$	10,000,000,000

Chick-fil- a lunch.



**MISTAKES
ALLOW
THINKING TO
HAPPEN**

“Don’t underestimate a child’s ability to do math.”

$$10^0 = 1$$

$$10^1 = 10$$

$$10^2 = 10 \times 10 = 100$$

$$10^3 = 10 \times 10 \times 10 = 1,000$$

$$10^4 = 10 \times 10 \times 10 \times 10 = 10,000$$

Right now, we are learning the power of tens. So what we do is we multiply and number with 10, 100, and 1,000. It is really easy. All we have to do is multiply.

Example: 453 times 10 453 times 1 equal 453
 once we get the answer, we add the 0 to the end of the number depending
 how many 0's are at the end each 10, 100, and 1000 Room 2

Room 24 Happenings:

*In Ms. Meskill's class, we are now multiplying numbers that keeps increasing to each problem we get to. Then, the problem keeps getting harder and harder every time we solve one. When we solve the whole packet, we do our exit tickets then go to math rotations. Each time we go on math rotations, we go on **Imagine Math, Solve Me Mobiles**, and we solve a worksheet. Every 10 minutes or more, we switch math stations. Then when it is over, we go back to our regular homeroom or go to lunch.*

Room 25's Happenings:

IN MS.MESKILL CLASS WE ARE NOW STARTING TO LEARN MULTIPLYING SHIFTS WITH WHOLE NUMBERS AND HOW THEY GET BIGGER. AFTER 2 - 3 PAGES WE DO THE EXIT TICKET TO SHOW MS.MESKILL HOW WE ARE DOING ON THE LESSON . THEN WE USUALLY DO MATH ROTATIONS . WHILE MS.MESKILL PULLS STUDENTS TO WORK WITH HER, WE GO IMAGINE MATH, SMALL GROUPS AND SOLVE ME MOBILES, AFTER WE ARE DONE WE HELP HER CLEAN UP AND SHE EXPLAINS HOMEWORK . THEN WE GET HOMEWORK, PACK UP, PUT IT AWAY, AND THEN GET READY TO LEAVE (CHELSEA NGHIEM AND SARIS THON)

Math Quotes Of the Month By Samy Saidene & Violet Heath

Without mathematics, there is nothing you can do. Everything around you is mathematics. Everything around you is numbers. -Shakuntala Devi

Mathematics is not about numbers, equations, computations, or algorithms: it's about UNDERSTANDING . - William Paul Thurston