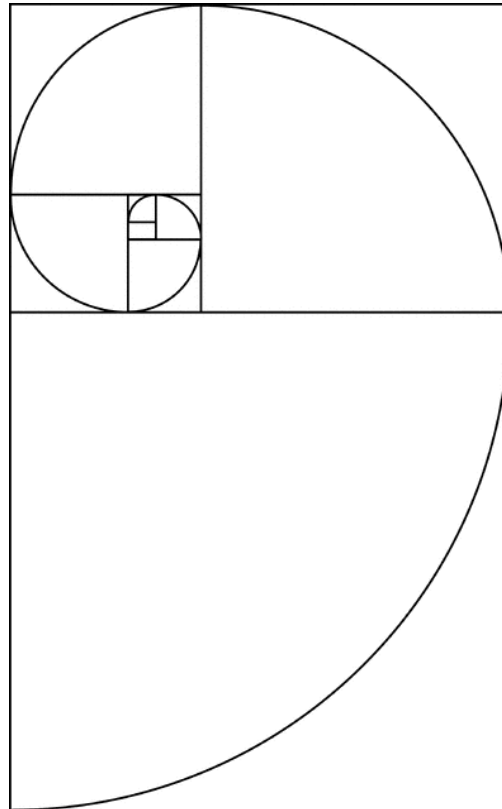


Math 098

Fall 2021 - Zoom



The Theory of Groups is a branch of mathematics in which one does something to something and then compares the result with the result obtained from doing the same thing to something else, or something else to the same thing.

-James Newman

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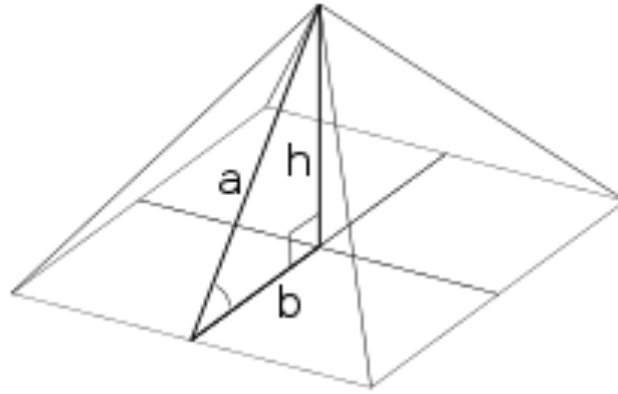
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I am interested in mathematics only as a creative art.

-G. H. Hardy

Mathematics rightly viewed possesses
Not only truth but supreme beauty.
- Bertrand Russell



Pure mathematics is in its way the poetry of logical ideas.

- Albert Einstein



To not know math is a severe limitation to understanding the World.

- Richard P. Feynman



The only way to learn mathematics is to do mathematics.

-Paul Halmos



Mathematics is the key and door to the sciences.

-Galileo Galilei



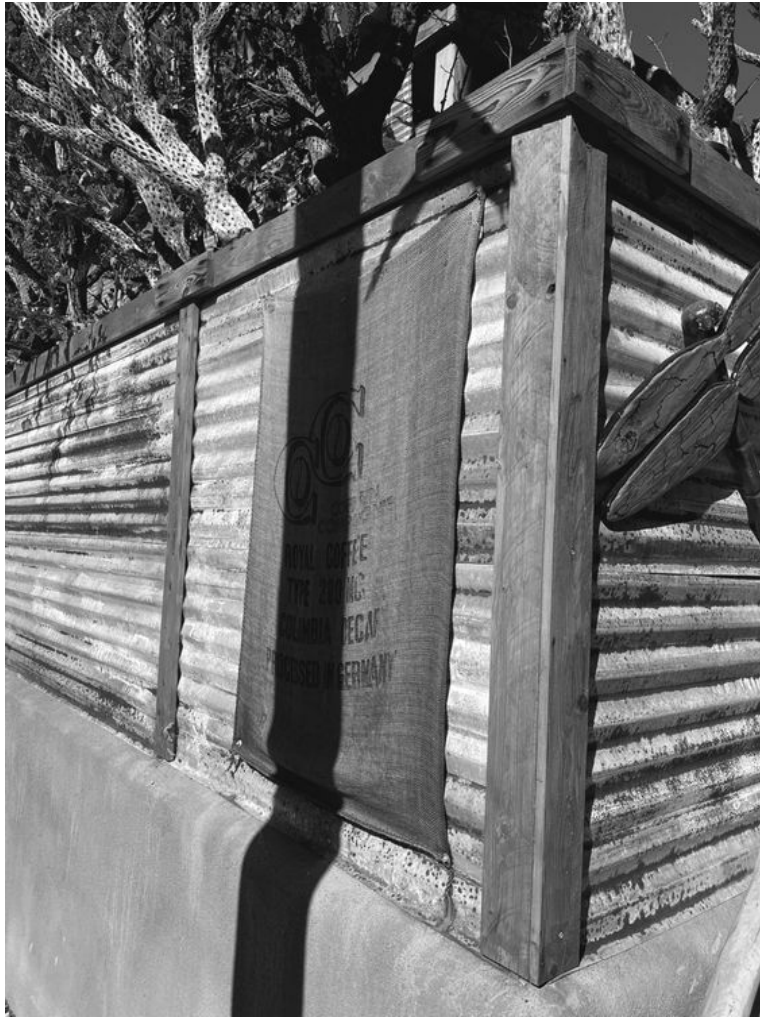
Mathematics is an art of human understanding.

- William Thurston



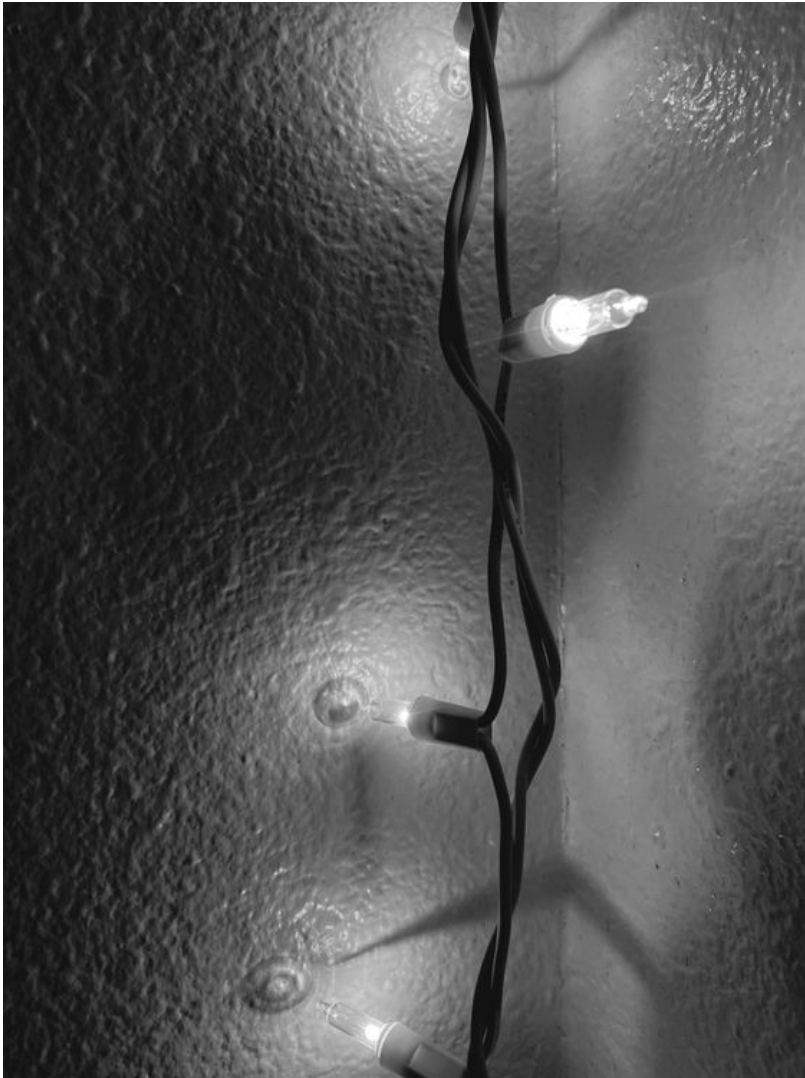
One should study mathematics simply because it helps to arrange one's ideas.

- M.W. Lomonossow



God used beautiful mathematics in creating the World.

- Paul Dirac



On a beautiful mind, there was a wall of math.

- Josh Lucas



Math is the language of the universe.

- Lucas Grabeel



Mathematics is the handwriting on the human consciousness of the very Spirit of life
Itself.

- Claude Bragdon

Without black, no color has any depth. But if you mix black with everything, suddenly there's shadow - no, not just shadow, but fullness. You've got to be willing to mix black into your palette if you want to create something that's real.

Amy Grant



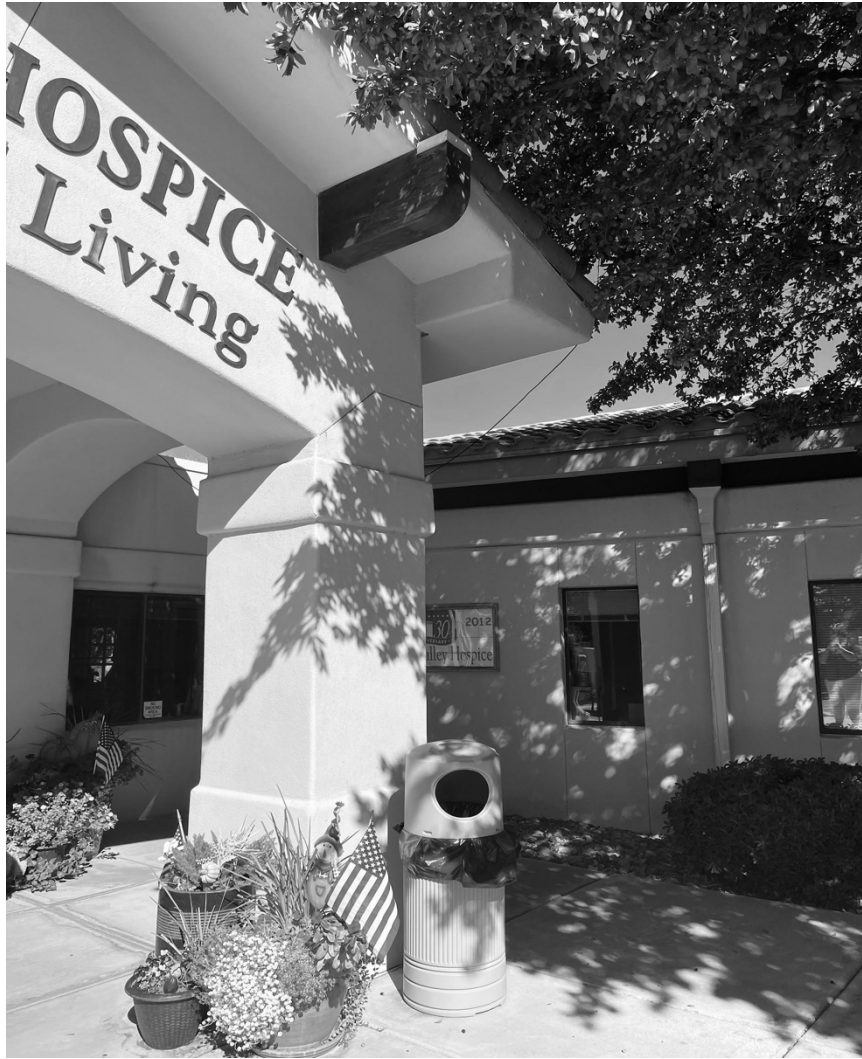
All truth is a shadow except the last—yet every Truth is true in its kind. It is substance in its own place, though it be but a shadow in another place, and the shadow is a true shadow, as the substance is a true substance.

Isaac Penington



To me, mathematics, computer science, and the arts are insanely related. They're all creative expressions.

Sebastian Thrun



When patterns are broken, new
worlds emerge.

Tuli Kupferberg



Mathematics is the art of giving the same name to different things.

Henri Poincare



The best way to be appreciative for your life is to live it; don't die for any other reason but love. Dreams are what guide us, art is what defines us, math is makes it all possible, and love is what lights our way.

– Mike Norton



Fractal geometry is everywhere, even in lines drawn in the sand. It's the cycle of life... You see fractals in plants, in flowers. Within the human lung are branches within branches.

Ron Eglash



I dislike math, yet I respect and appreciate the fact that math is the language of the universe.

Lucas Grabeel



Mathematics may not teach us how to add love or how to minus hate. But it gives every reason to hope that every problem has a solution.



“Mathematics is the gate and key to science.”

– Roger Bacon

“If I pour 2 cups of coffee in 1 big mug, that is 1 cup of coffee for me, then I can start my day.” ~Johanna Reyes



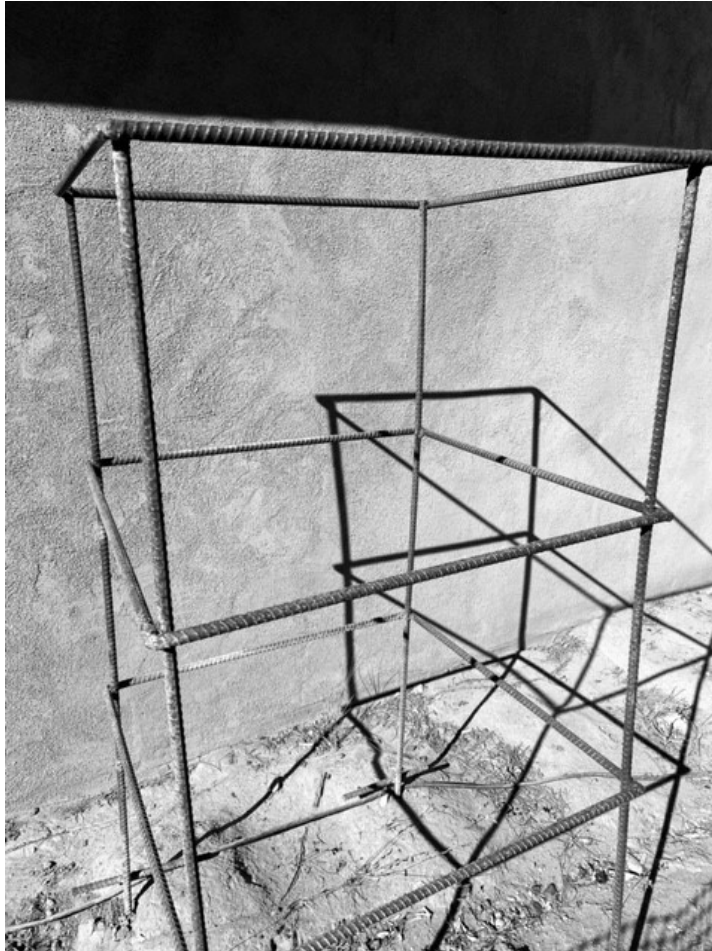
“A life without shapes is like a book without pictures, we need both to shadow the illustration.”

~Johanna Reyes



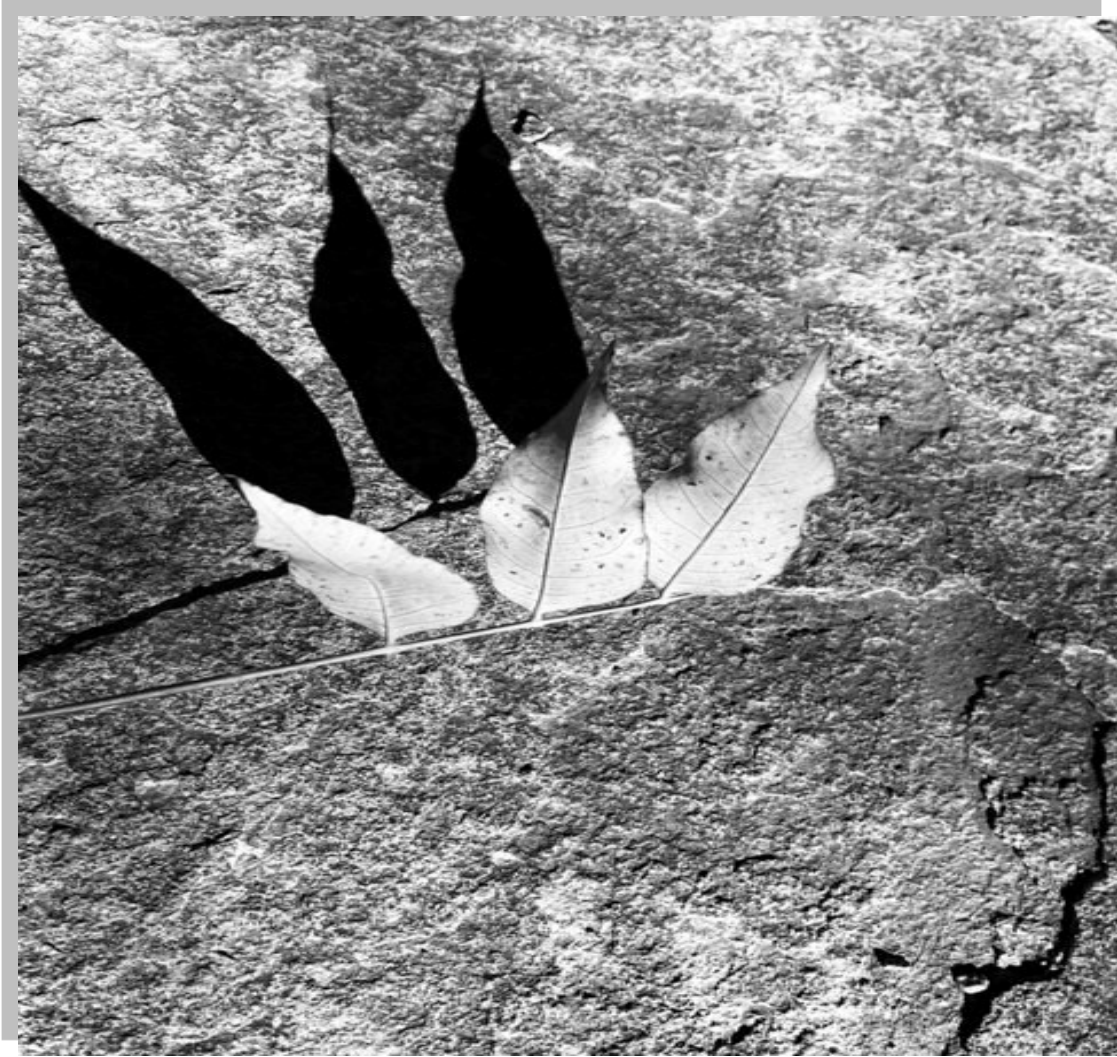
“I think that modern physics has definitely decided in favor of [Plato](#). In fact the smallest units of matter are not physical objects in the ordinary sense; they are forms, ideas which can be expressed unambiguously only in mathematical language.”

~ Werner Heisenberg



“Find beauty not only in the thing itself but in the pattern of the shadows, the light and dark which that thing provides.”

~Junichiro Tanizaki



“Success is following the pattern of life one enjoys most.”

~Al Capp



“Mathematics expresses values that reflect the cosmos, including orderliness, balance, harmony, logic, and abstract beauty.”

~Deepak Chopra



“They shouldn't be allowed to teach math so early in the morning.”

~Kendare Blake



“The difference between the poet and the mathematician is that the poet tries to get his head into the heavens while the mathematician tries to get the heavens into his head.”

~G.K. Chesterton



“I know that two and two make four - and should be glad to prove it too if I could - though I must say if by any sort of process I could convert 2 and 2 into five it would give me much greater pleasure.”

~Lord George Gordon Byron



“Accept whatever comes to you woven in the pattern of your destiny, for what could more aptly fit your needs?”

~Marcus Aurelius

Life that is filled with shadows and
shapes that reflect that shapes the
beauty of the world.

K.S



The eye is always caught
By light but shadows have
More to say
By Gregory Maguire



We measure shadows,
and we search among ghostly
errors of measurements
for landmarks that
are scarcely more sustainable
by. Edwin Hubble



Since everything is a reflection
Of our minds, everything can
be change by our minds
.Buddha



“Shadow is a colour as light is,
but less brilliant; light and shadow
are only the relation of two tones.”

By. Paul Cezanne



Life is a mirror and will reflect back
To the thinker what he thinks
To it
. By Ernest Holmes



"Are shadows, not substantial things."
Truly said the Sayer, "disappointment
is the salt of life" a salutary bitter?
which strengthens the mind for?
fresh exertion, and gives a
double value to the prize.
By. Sir Ricard Francis Burton



"Are shadows, not substantial things."
Truly said the Sayer, "disappointment
is the salt of life" a salutary bitter which?
strengthens the mind for fresh
exertion, and gives a double value to the
prize.

By. Stephanie Kirby



You attract what you are
Not what you want. So, if
You want it then reflect it.
. Tony Gaskins



“Light and shadow are opposite sides of the same coin.

We can illuminate our paths or darken our way.

It is a matter of choice.”

By. Maya Angelou

“Your Past Doesn’t Equal Your
Future. “

-Tony Robinson



**“Creativeness is finding pattern
where none exist”**

-Thomas M. Disch



**“Mathematics is the science of
Pattern”**

-Lynn Steen



**“Without mathematics, there’s nothing you
can do, Everything around you is mathematics.
Everything around you.”**

-Shakuntala Devi



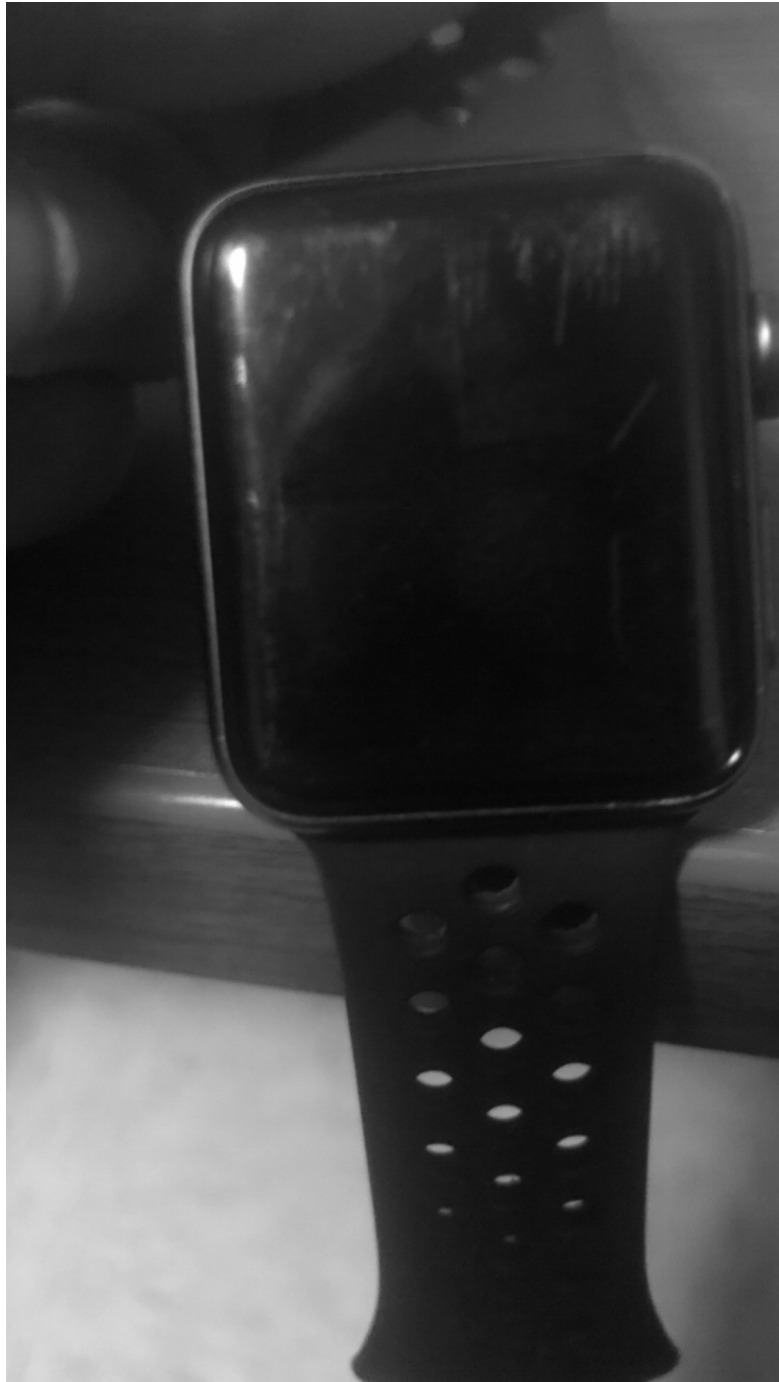
**“Just because we can’t find a solution
doesn’t mean that there isn’t one.”**

-Andrew Wiles



**“Mathematics is, in it’s way, the
Poetry of logical ideas**

-Albert Einstein

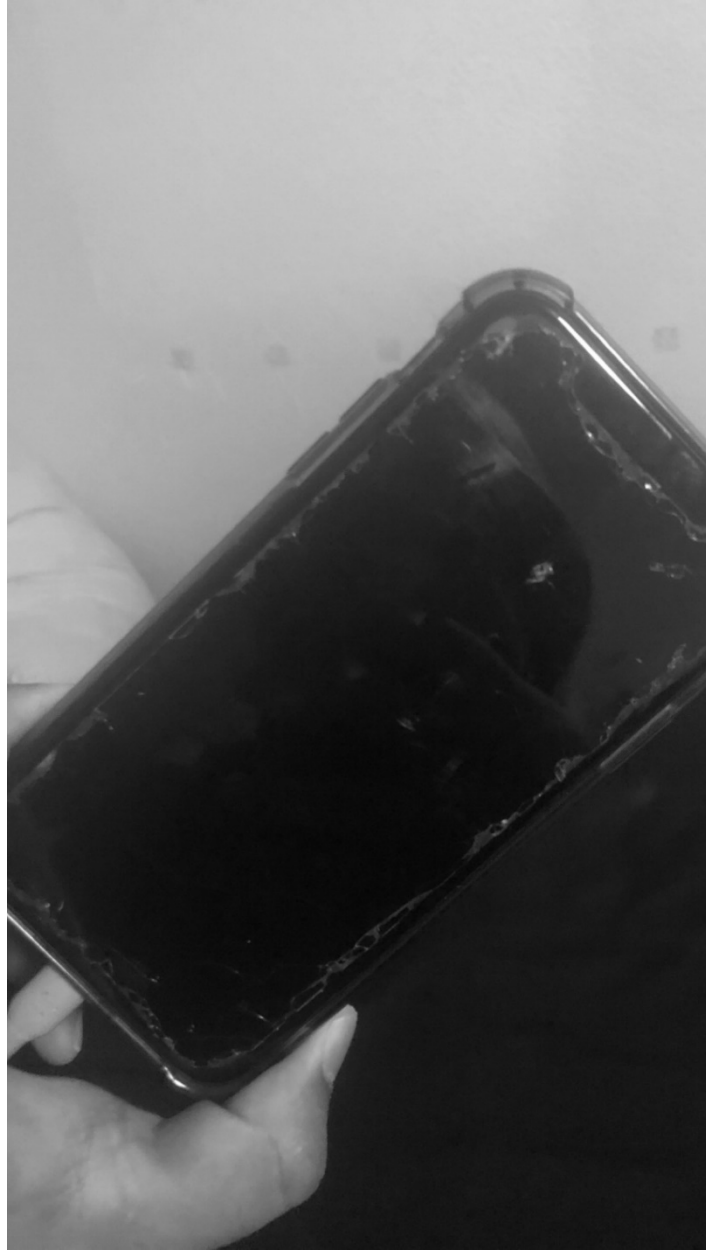


**“Nature is written in mathematical
language**

-Galileo Galilei

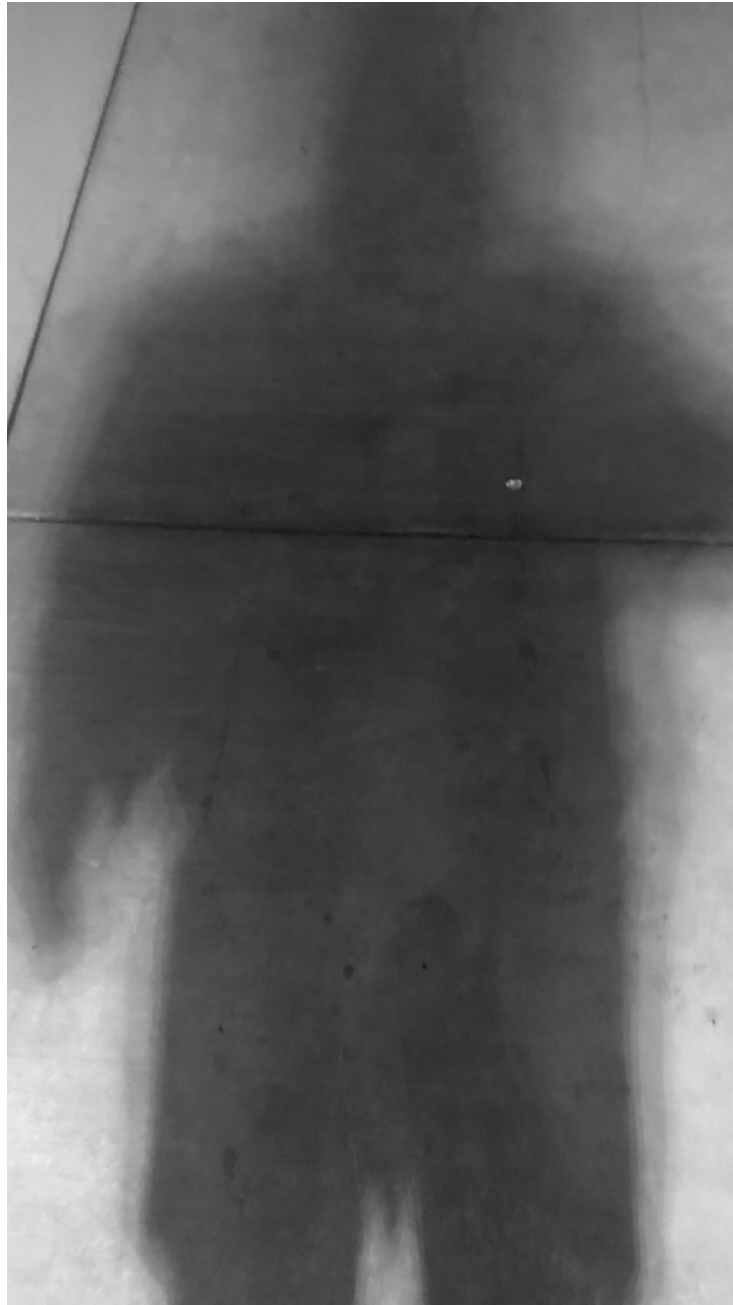


**“If you stop at general math, then you
Will only make general money
-Snoop Dogg**



**“Sometimes the questions are complicated
and the answers are simple**

-Dr. Suess



**“Doing mathematics should always mean
Finding the patterns and crafting beautiful
And meaningful explanation**

-Paul Lockhart



It seems wherever you go in this big, beautiful world of ours, nature is always reminding us of its masterful use of mathematics, color and wizardry as it unfolds the beautiful landscapes of planet earth.



Mathematics is not about numbers, equations, computations, or algorithms: it is about understanding.
-William Paul Thursten



Go down deep enough into anything and you will find mathematics.
-Dean Schlicter



Math is the only place where truth and beauty mean the same thing.
-Danica McKellar



Math is the language of the universe. So the more equations you know, the more you can converse with the cosmos.
-Neil deGrasse Tyson



Pure mathematics is, in its way, the poetry of logical ideas.
-Albert Einstein



Mathematics possesses not only truth, but supreme beauty - a beauty cold and austere, like that of sculpture.
-Bertrand Russell



Measure what can be measured and make measurable what cannot be measured.
-Galileo Galilei



Mathematics, rightly viewed, possesses not only truth, but supreme beauty.
-Bertrand Russell



Mathematics is the music of reason.
-James Joseph Sylvester



To not know math is a severe limitation to understanding the world.
-Richard P. Feynman



Mathematics is the most beautiful and most powerful creation of the human spirit.
-Stefan Banach