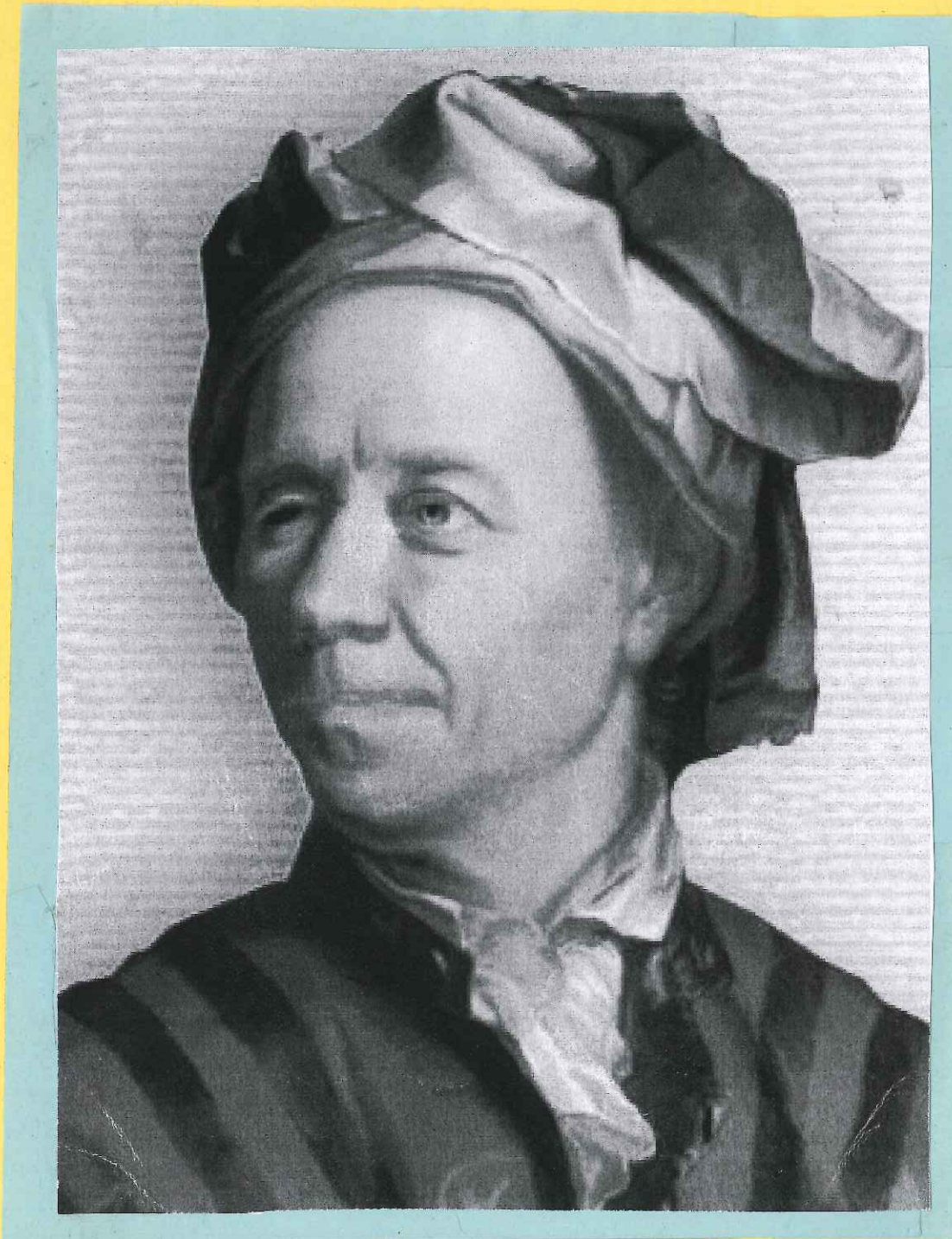


LEONHARD

Leonard Euler was the greatest mathematician and physicist of the 18th century for his contributions to mathematics. His work has inspired the world for mathematics. He was born in Switzerland on April 15, 1707. His father was Paul Euler and his mother was Marguerite Euler. An interesting fact about Leonard Euler is that he had an astigmatism and cataracts. He died in St. Petersburg on September 7, 1783.

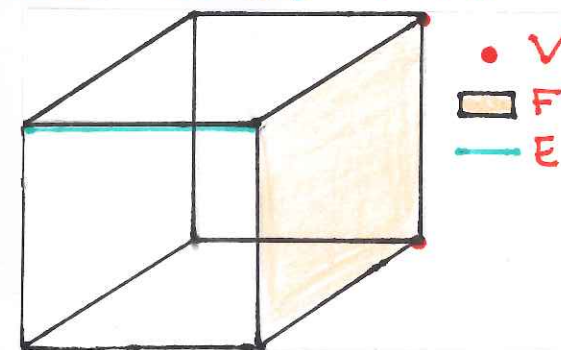


~ LEONARD EULER ~

$V + F - E = 2$
mathematician

EULER

Euler's polyhedral formula was created when he first began to take a polyhedral apart piece by piece, this is how he gained a fair view of polyhedral. This allowed him to solve the bridge problem. The equation that Euler created was $V + F - E = 2$



The following image shows how he related the number of edges and vertices, and faces of a polyhedral in the solution.

MATHEMATICS NOTATION CREATED OR MADE POPULAR
By LEONARD EULER:

- e : base for the natural logarithm, a constant equal to 2.71828...
- i : "imaginary unit" equal to the square root of -1
- $f(x)$: function f applied to the variable or argument x
- Σ : capital sigma, representing the sum or total for a series of numbers.
- a, b, c : letters representing constant, e.g., sides of a triangle
- x, y, z : letters representing variable or unknowns in an equation