


eTw project: "10 math challenges"

Task 6: Female mathematician - is there any?

LEJLA HUJDUR 19.01.17 10:58

ANONYMNÝ 21.04.21 12:21


Çağla A./Hatay Aantolian High School/Turkey

Name and surname of female mathematician	
	Achievements in the field of mathematics: She also made considerable progress in solving Fermat's Last Theorem She was a pioneer in understanding the mathematics of elastic surfaces
Name and surname of female mathematician: Marie-Sophie Germain	Articles and books:
Place of birth: France	Awards and recognitions Germain was a pioneer in understanding the mathematics of elastic surfaces, for which she won the grand prize from the <i>Paris Academy of Sciences</i> .

çagla
Dokument Word
PADLET DRIVE

ANONYMNÝ 21.04.21 12:09


MelisaN./Hatay Aantolian High School/Turkey

Name and surname of female mathematician	
	Achievements in the field of mathematics: Together with Charles Babbage, she worked on the Analytical Engine an early, mechanical computer. She also wrote the first algorithm
Name and surname of female mathematician: Ada Lovelace (Augusta Ada Byron)	Articles and books:
Place of birth:English	Awards and recognitions: The first computer programmer in history.
Date of birth:1815	What were her obstacles?
Date of death:1852	
Famous male contemporaries: James	Interests beyond mathematics: Algorithn

melisa
Dokument Word
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ANONYMNÝ 21.04.21 12:08


Hüseyin A./Hatay Aantolian High School/Turkey

Name and surname of female mathematician	
	<p>Achievements in the field of mathematics:</p> <p>the first woman to earn a modern doctorate in mathematics. She was also the first woman to hold full professorship in Northern Europe, and is among the first women to be an editor of a scientific journal.</p>
<p>Name and surname of female mathematician: Sofia Kovalevskaya</p>	<p>Articles and books: She wrote several works about her life including a memoir, a play and an autobiographical novel.</p>
<p>Place of birth: Russia</p>	<p>Awards and recognitions: The first woman to earn a modern doctorate in mathematics. She was also the first woman to hold full professorship in Northern Europe, and is among the first women to be an editor of a scientific journal.</p>
<p>Date of birth: 1850</p>	<p>What were her obstacles?</p>
<p>Date of death: 1891</p>	

hüseyin
Dokument Word
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ANONYMNÝ 21.04.21 12:07

Feyza T./Hatay Aantolian High School/Turkey

Name and surname of female mathematician	
	<p>Achievements in the field of mathematics:</p> <p>Easley wrote the software for the Centaur rocket stage, and her work paved the way for later rocket and satellite launches.</p>
<p>Name and surname of female mathematician: Annie Easley</p>	<p>Articles and books:</p>
<p>Place of birth:America</p>	<p>Awards and recognitions :She was one of the first African-Americans to work at NASA as a "computer".</p>
<p>Date of birth:1933</p>	<p>What were her obstacles?</p>
<p>Date of death:2011</p>	
<p>Famous male contemporaries: Langlands,Conway, Mathias...</p>	<p>Interests beyond mathematics: She analysed battery life, energy conversion, and alternative power technologies like solar and wind.</p>

feyza
Dokument Word
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ANONYMNÝ 20.04.21 21:18

mrgesmanur/TURKEY

ÜNYE SCIENCE HIGH SCHOOL



Florence Nightingale

ITALY

...to evaluate use of statistics to evaluate treatments.
> She created numerous infographics, and was one of the first to use pie charts.
> She founded the first school fir nurses in the world.
> British mathematician, statistician and nurse.

> What is it and What it is not.
> Considerations on the nature of nursing.

> Royal Red Cross (1883)

esmanur
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ANONYMNÝ 20.04.21 21:16

mrgesmanur

ünye science high school



Florence Nightingale

ITALY

...to evaluate use of statistics to evaluate treatments.
> She created numerous infographics, and was one of the first to use pie charts.
> She founded the first school fir nurses in the world.
> British mathematician, statistician and nurse.

> What is it and What it is not.
> Considerations on the nature of nursing.

> Royal Red Cross (1883)


esmanur
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BERNAARSLANN 20.04.21 21:14

mrgesmanur

ANONYMNÝ 16.02.21 10:21


Filipe - Portugal

Anna Johnson Pell Wheeler	
	Achievements in the field of mathematics: Anna is known for her initial work on linear algebra in infinite dimensions, which later became a part of functional analysis.
Name and surname of female mathematician: Anna Wheeler	Articles and books: 1910: <i>Biorthogonal Systems of Functions with Applications to the Theory of Integral Equations</i>
Place of birth: Hawarden (Iowa)	Awards and recognitions Colloquium Lectures
Date of birth: 5 de May de 1883	What were her obstacles?
Date of death:	

trabalho em inglês

Dokument Word

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Julia Hall Bowman Robinson	
	Achievements in the field of mathematics: She was an American mathematician. She is the first female mathematician elected to the US National Academy of Sciences, and was the first female president of the American Mathematical Society.
Name and surname of female mathematician: Julia Robinson	Articles and books: The collected works of Julia Robinson Julia: A life in Mathematics
Place of birth: St. Louis, Missouri, United States	Awards and recognitions She was elected the 1. President of the American Mathematical Society. Noether Lecturer (1982) MacArthur Fellow
Date of birth: December 8, 1919	What were her obstacles? Fortunately, she had no obstacles
Date of death: July 30, 1985 (aged 65)	Interests beyond mathematics: Science
Famous male contemporaries:	


ad6737c74

Dokument Word

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ANONYMNÝ 10.02.21 13:42

sk.Emanuella


Ingrid Daubechies	
	Achievements in the field of mathematics: is a Belgian physicist and mathematician.
Name and surname of female mathematician: Ingrid Daubechies	Articles and books: No
Place of birth: Houthalen-Hechteren, Belgicko	Awards and recognitions MacArthur Fellowship (1992) NAS Award in Mathematics (2000) Noether Lecturer (2006) Leroy P. Steele Prize (2011) Nemmers Prize in Mathematics (2012) BBVA Foundation Frontiers of Knowledge Award (2012) L'Oréal-JUNESCO For Women in Science Award (2019) Princess of Asturias Award (2020)

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Dokument Word
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ANONYMNÝ 08.02.21 09:25

Diana/Portugal

Emma Lehmer

Emma Lehmer	
	Achievements in the field of mathematics: - In 1928, Emma graduated in mathematics at UC Berkeley. - In 1969, Emma and her husband founded the annual West Coast Number Theory Meeting. She was known for her work on reciprocity laws in algebraic number theory and computation.

Emma Lehmer 2 (1)
Dokument Word
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MONIKA POLANSKÁ 10.02.21 08:56

sk.Timea

ANONYMNÝ 01.02.21 23:20

Milene/Portugal

Margaret Heafield
Hamilton

Margaret Heafield Hamilton



Achievements in the field of mathematics:

She studied mathematics at the university of Michigan and earned a BA in mathematics in 1958

She developed the flight program used in the Apollo 11 project (Software Engineering);

Name and surname of female mathematician:
Margaret Heafield Hamilton

Articles and books:

She has published more than 130 articles, minutes and reports related to the 60 projects and 6 important programs in which she was involved.

Place of birth:
Paoli in India;

Awards and recognitions:

1986- Augusta Ada Lovelace Award, Association for Women in Computing.

2003- NASA Exceptional Space Act Award for Scientific and Technical contributions. The award

Margaret Heafield Hamilton -Ingles

Dokument Word

PADLET DRIVE

DANNY MODERNO 02.02.21 15:42

Danny Moderno/Portugal

Margaret Heafield Hamilton	
	<p>Achievements in the field of mathematics:</p> <p>Devi popular Known as the "Human Computer" because of her arithmetic abilities and mental calculations.</p> <p><i>In 1982 she entered the Book of Records when he managed to get the result, in 28 seconds, of multiplying two numbers at random with 13 digits each.</i></p>
Name and surname of female mathematician: Shakuntala Devi	<p>Articles and books:</p> <p><i>Devi wrote numerous books, including:</i></p> <p><i>"Puzzles to Puzzle You"</i> <i>"More Puzzles to Puzzle You"</i> <i>"Book of Numbers"</i> <i>"Perfect Murder"</i></p>

mat danny ingles

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ANONYMNÝ 01.02.21 13:59

Duarte/Portugal

Nancy Kopell

Nancy Kopell



Achievements in the field of mathematics:

Conseguiu ser professora na Universidade de Boston, Diretora do Cognitive Rhythms Collaborative e Co-Diretora do Computational Neuroscience and Neural Technology.

Name and surname of female mathematician:
Nancy Kopell

Articles and books:

Place of birth:
Nova Iorque

Awards and recognitions
Gibbs Lecture e Memorial Weidon

nancy kopell

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ANONYMNÝ 01.02.21 03:24

Rodrigo/Portugal

Katherine Johnson

Katherine Johnson	
	<p>Achievements in the field of mathematics:</p> <p>Katherine made key contributions to United States aeronautics and space exploration, particularly in the applications of computing at NASA. Her technical leadership work at NASA spanned decades. She worked as a computer. She calculated the trajectory of the Apollo 11 mission</p>
Katherine Johnson	Artigos e livros : ...
Place of birth: White Sulphur Springs, West Virginia 26 de agosto de 1918	Awards and recognitions Presidential Medal of Freedom West Virginia State College
	What were its obstacles: To be a black woman.

Katherine Johnson.ingl

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ANONYMNÝ 01.02.21 01:32

Diogo/Portugal

Joan Clarke

Joan Clarke



Achievements in the field of mathematics:

Joan Clarke was a cryptanalyst and numismatist. She was best known for her work as a code-breaker during the second world war.

Name and surname of female mathematician:

Joan Elisabeth Lowther Murray

Place of birth:

London, England

Date of birth:

June 24, 1917

Date of death:

Articles and books:

Awards and recognitions:

Joan was awarded a member of the Order of the British Empire.

What were her obstacles?

Back in that time, cryptology was not considered a woman's work, so she was not given due

Joan Clarke - Diogo Correia

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ANONYMNÝ 01.02.21 02:39

Tomás/Portugal

Grace Chisholm Young

Grace Chisholm Young



Achievements in the field of mathematics:

She studied infinitesimal calculus, geography, and algebra. She also contributed to the Denjoy-Young-Saks theorem. She was the first woman to complete a doctorate in Germany in 1895. She wrote thesis on "The algebraic groups of spherical trigonometry"

Name and surname of female mathematician:

Grace Chisholm Young

Place of birth:

Haslemere, Surrey, United Kingdom

Date of birth:

March 15, 1868

Articles and books:

Grace and her husband published about 214 articles, and 4 books together.

Awards and recognitions

She won the Gamble Prize for Mathematics.

What were her obstacles?

Grace Chisholm Young Tomás Freire ingles

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ANONYMNÝ 31.01.21 16:03

mrg.fatmagul.s

SOPHIE GERMAIN



Achievements in the field of mathematics:

The help of Sophie Germain's famous Fermat's Theorem in mathematics is considered very important by scientific circles. These studies, the numbers itself, shed light on the next 100-year progress. Germain has participated in many math competitions and has written articles, but has never qualified.

Sophie Germain makes her next work on the "Elasticity Theory", which deals with the vibration of metal plates. This work earns him the Paris Academy of Sciences award. Germain is the first woman to win this award.

In short, it is accepted that Sophie Germain made important contributions to the development of theories on the motion of elastic and rigid bodies and to the solution of the most famous mathematical problem of all time known as Fermat's last theorem.

Articles and books:

Sophie Germain the following book have been written about:

1-Sophie's Diary-Math Novel

Awards and recognitions:

- She won the Paris Academy of Sciences award. Germain is the first woman to win this award.

What were her obstacles?

Name and surname of female mathematician:
Sophie Germain

Place of birth:
Paris

Date of birth:

Sophie Germain

Dokument Word

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ANONYMNÝ 30.01.21 17:57

Joana/Portugal

Svetlana Jitomirskaya

Svetlana Jitomirskaya



Achievements in the field of mathematics:

Svetlana specializes in partial differential equations. She works especially with the quasiperiodic spectrum of Schrödinger operators with links to quantum hall effect theory, quasi-crystal, location phenomena, and quantum chaos.

Articles and books:

1991: *Spectral and Statistical Properties of Lattice Hamiltonians*

Awards and recognitions:

She received the Ruth Lyttle Satter Prize for Mathematics (2005) and the Dannie Heineman Prize for Mathematical Physics (2020);

Name and surname of female mathematician:
-Svetlana Jitomirskaya

Place of birth:
Kharkiv, Ukraine

Svetlana Jitomirskaya- joana9gingles

Dokument PDF

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ANONYMNÝ 30.01.21 17:56

Svetlana Jitomirskaya



Achievements in the field of mathematics:

Svetlana specializes in partial differential equations. She works especially with the quasiperiodic spectrum of Schrödinger operators with links to quantum hall effect theory, quasi-crystal, location phenomena, and quantum chaos.

Name and surname of female mathematician:
-Svetlana Jitomirskaya

Articles and books:

1991: *Spectral and Statistical Properties of Lattice Hamiltonians*

Place of birth:
Kharkiv, Ukraine

Awards and recognitions:

She received the Ruth Lyttle Satter Prize for Mathematics (2005) and the Dannie Heineman Prize for Mathematical Physics (2020);

Svetlana Jitomirskaya- joana9gingles

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ANONYMNÝ 30.01.21 17:39

Bruna B./Portugal

Marina Ratner

Name and surname of female mathematician
Marina Ratner



Achievements in the field of mathematics:

Ratner's theorem of measurement classification, tells us that if $X = \Gamma \backslash G$ is a homogeneous space, where G is a Lie group and Γ is a lattice of G

Name and surname of female mathematician:
Marina Evseevna Ratner ou
Марина Евсеевна Ратнер

Articles and books:

Ratner, Marina (1990-12). "Medir rigidez estrita para subgrupos unipotentes de grupos solucionáveis". *Inventiones Mathematicae*

Ratner, Marina (1990-12). "Measure strict rigidity for unipotent subgroups of solvable groups". *Inventiones Mathematicae*

Ratner, Marina (1990). "Na medida de rigidez de

Marina Ratner-Bruna Barros - Cópia

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ANONYMNÝ 30.01.21 17:34

Bruna/Portugal

Marina Ratner

ANONYMNÝ 30.01.21 17:35

António/Portugal

Hypatia

HYPATIA



Achievements in the field of mathematics:

HYPATICA DEVELOPED SEVERAL INSTRUMENTS USED IN PHYSICS AND ASTRONOMY, SUCH AS THE HYDROMETER. SHE ALSO CONTRIBUTED TO THE MAPPING OF CELESTIAL BODIES. SHE WAS

Name and surname of female mathematician: HYPATIA

Articles and books:

HYPATIA WROTE SOME COMMENTS ABOUT EXISTING ARTICLES. SHE ALSO EDITED THE ALREADY EXISTING VERSION OF

Hipátia - António Pereira (1) (1)

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ANONYMNÝ 30.01.21 16:05

Lara/Portugal

Ellen Hayes

Ellen Amanda Hayes



Achievements in Mathematics:

Three years after admission, he obtained his BA in Oberlin in 1878 and began teaching at Adrian College. She was also active in astronomy, determining the orbit of the newly discovered asteroid 267 Tirza while studying at the University of Virginia's Leander McCormick Observatory.

Name and surname of math:

Ellen Amanda Hayes

Place of Birth:

Granville, Ohio, USA

Articles and books:

Ellen wrote Wild Turkeys and Tallow Candles (1920), An account of life in Granville, and The Sycamore Trail (1929), a historical novel.

Awards and recognitions:

Ellen was elected one of the first six women to become members of the New York Mathematical Society (later American Mathematical Society).

Ellen Hayes-Lara Antunes (1)

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ANONYMNÝ 29.01.21 14:11

Tiago Gomes/Portugal

Valentina Borok

Valentina Borok



Achievements in the field of mathematics:
Her graduate thesis on distribution theory and the applications to the theory of systems of linear partial differential equations was considered extraordinary. The results of her studies included the construction of maximum classes of singularity and well-positioned theorems of the type Phragmen-Lindelöf and the property study asymptotic and problem-solving stability of infinite layer contour value.

Name and surname of female mathematician:
Valentina Borok

Articles and books:
During her lifetime, Valentina published about 80 articles in major Russian and Ukrainian magazines. Guided 16 doctors and many more theses of master's theses, she also wrote books like "Eight Papers on Functional Analysis" and "Partial Differential Equations".

Valentina Borok (2)

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ANONYMNÝ 28.01.21 19:48

Tiago/Portugal

Mary Taylor Slow

Mary Taylor Slow



Achievements in the field of mathematics:
Mary Taylor was a woman who became known for studying the application of differential equations in physics, as well as studying radio waves and electromagnetic waves. Mary Taylor was able to make these discoveries because she received several scholarships from the University of Cambridge.

Name and surname of female mathematician:
Mary Taylor

Articles and books:
Mary Taylor published a number of articles in the "Proceedings of the Physical Society"

Place of birth:
United Kingdom, Sheffield

Awards and recognitions:
She was awarded her PHD in 1926 for a thesis on aspects of electromagnetic waves.

Date of birth:
15 June 1898

What were her obstacles?

Mary Taylor Slow

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ANONYMNÝ 28.01.21 17:39



Achievements in Mathematics:

Kathleen's best known contribution to mathematics was her contribution to the most perfect *pandagonal magic squares*.

She completed her doctorate in 1945 on "Critical Lattices"

She wrote five original research papers which were sufficient for her to her PHD degree without the need of a formal written thesis

Name and surname of math:

Kathleen Ollerenshaw

Place of Birth:
1st of October 1912

Articles and books:

She published at least 26 mathematical papers but the best known was

"*Most-perfect Pandiagonal Magic Squares*"

Kathleen Ollerenshaw2aa (1)

Dokument Word

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ANONYMNÝ 27.01.21 19:31

Elena Piscopia



Achievements in the field of mathematics:

This mathematician is known as the first woman in history to receive an academic degree from university and the first to receive a Doctor of Philosophy degree.

Name and surname of female mathematician:
Elena Piscopia

Articles and books:
"insignia da láurea"

Place of birth:
Ca 'Loredan

Awards and recognitions:

You have the book "Badge of Glory"
Elena was a member of several academies. She earned a degree in philosophy. She was admired throughout Europe for her virtues and achievements.

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Dokument Word

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ANONYMNÝ 26.01.21 10:38

sk.nika

Cecilia Krieger

Cecilia Krieger



Cecilia Krieger

Krieger was the third person (and first woman) to earn a PhD. in mathematics from a university in Canada, in 1930,^[1] as well as the third woman to have been awarded a doctorate in any discipline in Canada. There is the Krieger–Nelson Prize which presented by the Canadian Mathematical Society in recognition of an outstanding woman in mathematics. The award is named after Cecilia Krieger and Evelyn Nelson.

Articles and books:

In 1934, Krieger published an English translation of Sierpinski's book *Introduction to General Topology*. She also translated *General Topology* by Sierpinski in 1952, adding a 30-page appendix on infinite cardinals and ordinals.^[2]

Awards and recognitions:

-an award named after Krieger (and Nelson)
- the third person (and first woman) to earn a **Ph.D.** in mathematics from a university in Canada
-the third woman to have been awarded a doctorate in any discipline in Canada

Obstacles:

The persecution of Jews made life extremely difficult for the Krieger family, and Cecilia's brother Samuel sponsored his mother and sisters to escape to Canada. This they did in 1920 and arrived in Toronto where Cecilia entered the University. This was certainly no easy task since at the time that she arrived she did not know hardly a single word of English. An added complication was the fact that she had to support herself financially and this she did by working in the Muskoka Inn while she studied at University.

Interests beyond mathematics:

Place of birth:
Jaslo, Galicia [Poland]

Date of birth:
9 April 1894 in

Date of death:
17 August 1974

Famous male contemporaries:
none

Famous female contemporaries:
Evelyn Nelson

Why did you choose her?

I choose her because she was the first woman who earn **Ph.D.** in mathematics from a university in Canada. It must have been a really big success for her and for other women.

Your name, school, country
sk.nika, Business academy in Stará Ľubovňa, Slovakia

Emmy Noether



Emmy Noether

Was a German mathematician who made significant contributions in the field of abstract algebra and theoretical physics .

She made revolutionary discoveries in the theory of circuits, fields and algebras. Albert Einstein called her the most important woman in the history of mathematics.

Noether's theorem is a key finding of theoretical physics , expressing the relationship between symmetry and conserv

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ANONYMNÝ 25.01.21 17:13

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ANONYMNÝ 25.01.21 13:58

sk.Bianka

ANONYMNÝ 25.01.21 20:14

sk.Slma

Sophie Germainov



Sophie Germainov

Achievements in the field of mathematics:

laid the foundations of the theory of elasticity

Articles and books:

I have not found

Awards and recognitions:

Number theory named after her, such as Sophie Germain prime
The Sophie Germain Prize is awarded annually by the Sophie Germain Foundation

What were her obstacles?

Her parents opposed her studies and tried to stop him, so she studied last night. They took away her candles and hid her dress just so she couldn't learn.

Interests beyond mathematics:

She had none devoted herself mainly to mathematics

Place of birth:
Paris France

Date of birth:
1. 04. 1776

Date of death:
27.06. 1831

Famous male contemporaries:
Jaroslav Nešetřil

challenge 6

Dokument Word

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Wang Zhenyi



Name: Wang Zhenyi

Place of birth:
Shanghai.

Was a Chinese scientist and mathematician living during the Qing Dynasty. Despite the laws and customs that prevent women from earning a university degree, she studied subjects such as astronomy, mathematics, geography and medicine.

In her books and articles, Wang wrote about trigonometry and Pythagoras' theorem, studied solar and lunar eclipses, and explained many other celestial phenomena.

She was a prolific writer with at least 12 books to her name. Most of her works are expositions and explanations of mathematical theorems such as the Pythagorean Theorem and trigonometry, though she also published a collection of original poetry and original articles on her astronomy research. This included works

Bianka Šidlovská

Dokument Word

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ANONYMNÝ 25.01.21 13:55

sk.Bianka

ANONYMNÝ 25.01.21 17:14


ANONYMNÝ 25.01.21 13:12

sk.laura

Sophie Germain	
	<p>Achievements in the field of mathematics: She laid the foundations of the theory of elasticity. Her work around Fermat's great theorem is also significant. She made a major contributions to number theory. She was not awarded with any prize, however, she did go on to become the first woman to win the mathematics prize awarded by the French Academy of Prizes but that wasn't an award but a prize she won as part of a competition.</p>
<p>Name and surname of female mathematician: Marie-Sophie Germain</p>	<p>Articles and books:</p>
<p>Place of birth: Rue Saint-Denis, Paris, France</p>	<p>Awards and recognitions: She was not awarded with any prize.</p>
<p>Date of birth: 1 April 1776</p>	<p>What were her obstacles? Because of prejudice against her sex, she was unable to make a career out of mathematics, but she worked independently throughout her life.</p>
<p>Date of death: 27 June 1831</p>	<p>Interests beyond mathematics:</p>
<p>Famous male contemporaries: Carl Friedrich Gauss Adrien-Marie Legendre</p>	<p>Why did you choose her? Because she didn't give up even when everyone was saying she shouldn't be mathematician because she is a woman.</p>
<p>Famous female contemporaries:</p>	
<p>Your name, school, country sk.laura, Business Academy Stará Ľubovňa, Slovakia</p>	

ANONYMNÝ 25.01.21 11:26

sk.Nina

Maria Gaetana Agnesi	
	<p>Achievements in the field of mathematics: In 1750, Pope Benedict XIV. appointed professor of mathematics as the first woman in history [4] and natural philosophy at the University of Bologna as the second woman in history.</p>
<p>Name and surname of female mathematician: Maria Gaetana Agnesi</p>	<p>Articles and books: Istituzioni analitiche ad uso della gioventù italiana- a book discussing integral and differential calculus.</p>
<p>Place of birth: Milan, Duchy of Milan</p>	<p>Awards and recognitions</p>
<p>Date of birth: 16 May 1718</p>	<p>What were her obstacles? She suffered a mysterious illness at the age of twelve .</p>
<p>Date of death: 9 January 1799 (aged 80)</p>	
<p>Maria Gaetana Agnesi Dokument Word PADLET DRIVE</p>	

ANONYMNÝ 25.01.21 10:43

sk Matej

Sofya Kovalevskay	
	<p>Achievements in the field of mathematics: was a Russian mathematician, and the first woman to earn a modern doctorate in mathematics. She was also the first woman to hold full professorship in Northern Europe, and is among the first women to be an editor of a scientific journal.</p>
<p>Name and surname of female mathematician: Sofia Kovalevskaya</p>	<p>Articles and books: A Russian Childhood Nihilist girl Cauchy–Kowalevski theorem Kovalevskaya top</p>
<p>Place of birth: Moscow, Russian Empire</p>	<p>Awards and recognitions full professorship in northern Europe the first woman to obtain a doctorate (in the modern sense) in mathematics.</p>
<p>Date of birth: 15 January 1850</p>	<p>What were her obstacles? To venture, as she did, into academia, a world almost no woman had yet explored Society looked on, half-expecting her to fail</p>
<p>Date of death: 10 February 1891</p>	
<p>Famous male</p>	<p>Interests beyond mathematics:</p>

Sofya Kowalevskaya


Dokument Word

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ANONYMNÝ 25.01.21 09:56

sk.viktoria

Dorothy Vaughan

Dorothy Vaughan	
	<p>Achievements in the field of mathematics: Vaughan served as head of the West Computers until 1958, when NACA was incorporated into the newly created NASA, which closed the segregated facilities. Vaughan and many other West Computers then joined the NASA Analysis and Computation Division, a group made up of men and women of all races. By then, the space program had begun using electronic computers, and Vaughan became an expert at FORTRAN, a computer programming language used for scientific and algebraic applications. She retired from NASA in 1971.</p>
<p>Name and surname of female mathematician: Dorothy Johnson Vaughan</p>	<p>Articles and books: Margot Lee Shetterly—Hidden Figures</p>
<p>Place of birth: Kansas City, Missouri</p>	<p>Awards and recognitions In 2019, Vaughan was awarded the Congressional Gold Medal posthumously</p>
<p>Date of birth:</p>	<p>What were her obstacles?</p>
<p>Dorothy Vaughan Dokument Word PADLET DRIVE</p>	


ANONYMNÝ 25.01.21 09:30

skSaška

Julia Hall Bowman Robinson

Julia Hall Bowman Robinson	
	Achievements in the field of mathematics: She was an American mathematician. She is the first female mathematician elected to the US National Academy of Sciences, and was the first female president of the American Mathematical Society.
Name and surname of female mathematician: Julia Robinson	Articles and books: The collected works of Julia Robinson Julia: A life in Mathematics
Place of birth: St. Louis, Missouri, United States	Awards and recognitions She was elected the 1. President of the American Mathematical Society. Noether Lecturer (1982) MacArthur Fellow
Date of birth: December 8, 1919	What were her obstacles? Fortunately, she had no obstacles
Date of death: July 30, 1985 (aged 65)	Interests beyond mathematics: Science
Famous male contemporaries:	


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Dokument Word
PADLET DRIVE

Name and surname of female mathematician	
	Achievements in the field of mathematics: Landau is an alumna of Bronx Science and the Hampshire College Summer Studies in Mathematics . She then graduated with an A.B. in mathematics from Princeton University in 1976 after completing a senior thesis titled "Simple algebras", under the supervision of John Coleman Moore . She went on to complete a master's degree from Cornell University . in 1979 before pursuing graduate studies at the Massachusetts Institute of Technology , where she received a P.H.D. in mathematics in 1983 after completing a doctoral dissertation, titled "On computing Galois groups and its application to solvability by radicals", under the supervision of Gary L. Miller .
Name and surname of female mathematician: Susan Landau	Articles and books: People Count: Contact-Tracing Apps and Public Health: Listening In: Cybersecurity in an Insecure Age: Surveillance or Security? The Risks Posed by New: Privacy on the

Susan_Landau_Lincoln_Mushambi.docx
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ANONYMNÝ 17.01.21 19:29

mrg.cagla.p

Cathleen Synge Morawetz	
	In 1998 she was awarded the National Medal of Science; she was the first woman to receive the medal for work in mathematics. In 2004 she received the Leroy P. Steele Prize for Lifetime Achievement. In 2006 she won the George David Birkhoff Prize in Applied Mathematics. Morawetz's research was mainly the investigation of partial differential equations that regulate fluid flow, specifically mixed types that occur in transonic flow.
Cathleen Synge Morawetz	"On the non-existence of continuous transonic flows past profiles I". "Note on a Maximum Principle and a Uniqueness Theorem for an Elliptic-Hyperbolic Equation". "Time Decay for the Nonlinear Klein-Gordon Equation" "On the Modes of Decay for the Wave Equation in the Exterior of a Reflecting Body". "The Calculations of an Inverse Potential Problem"
Cathleen Synge Morawetz is canadian.	In 1981, she became the first woman to deliver the Gibbs Lecture of The American Mathematical Society. She was named Outstanding Woman Scientist for 1993

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ANONYMNÝ 17.01.21 19:26


mrg.cagla

ANONYMNÝ 17.01.21 18:41

Lincoln M./Portugal

About Susan Landau

ANONYMNÝ 17.01.21 18:16

Name and surname of female mathematician	
	Achievements in the field of mathematics: Landau is an alumna of Bronx Science and the Hampshire College Summer Studies in Mathematics . She then graduated with an A.B. in mathematics from Princeton University in 1976 after completing a senior thesis titled "Simple algebras", under the supervision of John Coleman Moore . She went on to complete a master's degree from Cornell University . in 1979 before pursuing graduate studies at the Massachusetts Institute of Technology , where she received a P.H.D. in mathematics in 1983 after completing a doctoral dissertation, titled "On computing Galois groups and its application to solvability by radicals", under the supervision of Gary L. Miller .
Name and surname of female mathematician: Susan Landau	Articles and books: People Count: Contact-Tracing Apps and Public Health: Listening In: Cybersecurity in an Insecure Age: Surveillance or Security? The Risks Posed by New: Privacy on the

Susan_Landau_Lincoln_Mushambi.docx
Dokument Word
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ANONYMNÝ 15.01.21 12:04

sk.helenka

Dorothy Maud Wrinch



Name and surname of female mathematician:

Dorothy Maud Wrinch

Place of birth:
Rosario in Argentina

Date of birth:
September 12, 1894

Date of death:
February 11, 1976 (age 81)

Famous male contemporaries:

Achievements in the field of mathematics:

She was a mathematician and biochemical theorist best known for her attempt to derive protein structure using mathematical principles. She was an advocate of the controversial "cyclot" hypothesis about the structure of proteins. She is recognized for her contribution and inspiration in the field of molecular biology. In 1929, she became the first woman to receive the Oxford DSc degree.

Articles and books:

Fourier transforms and structure factors
Chemical Aspects of Polypeptide Chain Structures and the Cyclot Theory

Awards and recognitions

She was the first woman to earn a doctorate in science (the science department included mathematics)

What were her obstacles?

Her obstacles were first married and then for a short time a child who had to take care of herself.

Interests beyond mathematics:

Her interests were to expand scientific



Name and surname of female mathematician:
Marie-Louise Dubreil-Jacotin

Place of birth:
Paris, France

Date of birth:
July 7, 1905

Date of death:
October 19, 1972

Famous male contemporaries:
Jules Henri Poincaré

Famous female contemporaries:

She was the first woman to be a full professor of mathematics in France;

Articles and books:

Author of two textbooks:
One about network theory and the other about abstract algebra

Awards and recognitions

She obtained a chair in differential and integral calculus
She obtained a chair at Pierre and Marie Curie University.

What were her obstacles?

She couldn't find an university position, because she was seen as nepotism

Interests beyond mathematics:

None, everything she did was related to mathematics, because her passion for mathematics was enormous.

Why did you choose her?

I liked her taste for magic cubes and her dedication to work.

Leonor Silva Santos, Escola secundaria de Pombal, Portugal

Dorothy_Maud_Wrinch.docx

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Dokument Word

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ANONYMNÝ 31.01.21 21:25

	<p>She was the first woman to be a full professor of mathematics in France;</p>
Name and surname of female mathematician: Marie-Louise Dubreil-Jacotin	<p>Articles and books: Author of two textbooks: One about network theory and the other about abstract algebra</p>
Place of birth: Paris, France	<p>Awards and recognitions She obtained a chair in differential and integral calculus She obtained a chair at Pierre and Marie Curie University.</p>
Date of birth: July 7, 1905	<p>What were her obstacles? She couldn't find an university position, because she was seen as nepotism</p>
Date of death: October 19, 1972	
Famous male contemporaries: Jules Henri Poincaré	<p>Interests beyond mathematics: None, everything she did was related to mathematics, because her passion for mathematics was enormous.</p>
Famous female contemporaries:	<p>Why did you choose her? I liked her taste for magic cubes and her dedication to work.</p>
<p>Leonor Silva Santos, Escola secundaria de Pombal, Portugal</p>	

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ANONYMNÝ 31.01.21 21:22

ANONYMNÝ 07.01.21 18:58

cz Klaudiv

	<p>She was the first woman to be a full professor of mathematics in France;</p>
Name and surname of female mathematician: Marie Fabiánová	<p>Articles and books: FAIMONOVA Abby History of Austrian education. Part 1-2 edition of Šolc's handbook for teaching primary and middle school schools</p>
Place of birth: Železný Brod	<p>Awards and recognitions</p>
Date of birth: 11. 2. 1872	<p>What were her obstacles?</p>
Date of death: 7. 4. 1943	
Famous male contemporaries:	<p>Interests beyond mathematics: She was a pedagogue and principal. She graduated from analytical mathematics.</p>

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Dokument Word

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ANONYMNÝ 06.01.21 16:02


cz Klaudiv

Name and surname of female mathematician: Marie Fabiánov	Articles and books: FAIMONOVÁ Abby History of Austrian education. Part 1-2 edition of Šolc's handbook for teaching primary and middle school schools
Place of birth: Železný Brod	Awards and recognitions
Date of birth: 11. 2. 1872	What were her obstacles?
Date of death: 7. 4. 1943	
Famous male contemporaries:	Interests beyond mathematics: She was a pedagogue and principal. She graduated from analytical mathematics.

BiografyCard.docx

Dokument Word

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Maryam Mirzakhani	
	Achievements in the field of mathematics: In 2004, she received her Ph.D. at Harvard University for her dissertation on hyperbolic surfaces. In 1994, she won a gold medal at the International Mathematical Olympiad.
Name and surname of female mathematician: Maryam Mirzakhani	Articles and books: Maryam's Magic: The Story of Mathematician Maryam Mirzakhani - Megan Reid
Place of birth: Tehran	The first woman and the first person of Iranian descent to be awarded the Fields Medal, which is considered the most prestigious mathematical award
Date of birth: 3.5.1977	What were her obstacles? She was born in a country

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Dokument Word

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ANONYMNÝ 06.01.21 16:09

sk.Alex

Emmy Noether


Name and surname of female mathematician	
	Achievements in the field of mathematics: Emmy Noether was a German mathematician who made many important contributions to abstract algebra. She discovered Noether's theorem, which is fundamental in mathematical physics. She invariably used the name "Emmy Noether" in her life and publications. She was described by Pavel Alexandrov, Albert Einstein, Jean Dieudonné, Hermann Weyl and Norbert Wiener as the most important woman in the history of mathematics. As one of the leading mathematicians of her time, she developed some theories of rings, fields, and algebras. In physics, Noether's theorem explains the connection between symmetry and conservation laws.
Name and surname of female mathematician: Amalie., Emmy., Noether	Articles and books: Her works include: Noether's theorem
Place of birth: Erlangen, Bavaria German Empire	Awards and recognitions: Ackermann-Teubner Memorial Award in 1932
Date of birth: March 23, 1882	What were her obstacles? In 1932 Emmv Noether and Emil Artin received

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ANONYMNÝ 06.01.21 16:08

Edith Clarke	
	Achievements in the field of mathematics: Women who manually claculates mathematical calculations. She appreciated her speed, dilligence, and reliability, not creativity.
Name and surname of female mathematician: Edith Clarke	Articles and books: She was the author of the idea of collecting real-time information on the status of various nodes in the electricity grid, which is the firts step towards today's concept of smart grids. She wrote college textbooks in her field and in 1947 she became the first female professor of electrical engineering at the University of Texas.

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ANONYMNÝ 06.01.21 16:09

ANONYMNÝ 06.01.21 09:32

Patrik/CZ

	<p>Achievements in the field of mathematics: Women who manually calculates mathematical calculations. She appreciated her speed, diligence, and reliability, not creativity.</p>
<p>Name and surname of female mathematician: Edith Clarke</p>	<p>Articles and books: She was the author of the idea of collecting real-time information on the status of various nodes in the electricity grid, which is the first step towards today's concept of smart grids. She wrote college textbooks in her field and in 1947 she became the first female professor of electrical engineering at the University of Texas.</p>


BiografyCard.pdf
Dokument PDF
PADLET DRIVE

Katherine Johnson	
	<p>Achievements in the field of mathematics:</p> <ul style="list-style-type: none"> American mathematician whose calculations of orbital mechanics were pioneering for the success of the first and subsequent manned spaceflight. During her 35-year career with NASA and the National Aviation Advisory Committee, she gained a reputation as an expert in complex manual calculations and promoted the use of computers for these calculations. Her work included calculations of trajectories, launch windows and emergency return routes for spaceflight.
<p>Katherine Johnson</p>	<p>Articles and books:</p> <ul style="list-style-type: none"> Reaching for the Moon: The Autobiography of NASA Mathematician Katherine ... Cobwebs Magazine World Citizen: Grade 4: Fun, Inclusive and Experiential Transition Curriculum for Everyday Learning A Nurse's Tale The Story Writer: An Interactive Notebook for Inspired Writers

BiografyCard.pdf
Dokument PDF
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ANONYMNÝ 06.01.21 16:09

Amálie Šteflová

	<p>Achievements in the field of mathematics: Women who manually calculates mathematical calculations. She appreciated her speed, diligence, and reliability, not creativity.</p>
<p>Name and surname of female mathematician: Edith Clarke</p>	<p>Articles and books: She was the author of the idea of collecting real-time information on the status of various nodes in the electricity grid, which is the first step towards today's concept of smart grids. She wrote college textbooks in her field and in 1947 she became the first female professor of electrical engineering at the University of Texas.</p>

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ANONYMNÝ 04.01.21 23:15

Turkey's first mathematics female Professor

Hatay Anatolian High School/Sıbgatullah Berk AŞAR

SELMA SOYSAL	
	<ul style="list-style-type: none"> Selma Soysal, Turkey's first female mathematics professor, was born in Zonguldak in 1924. At his early age she learned French and Greek. After completing her primary education in Zonguldak she came to Istanbul and settled in a boarding school. She then moved to Kandilli Girls' High School where she continued her studies. In 1941, she graduated from the Department of Mathematics and Astronomy at Istanbul University. She had the opportunity to work with Cahit Sıngor, one of the best teachers of the time.

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TATIANA ZEMANOVÁ 05.01.21 20:35

Tana/CZ

ANONYMNÝ 04.01.21 17:52

Kacka/CZ

Florence Nightingale



Florence Nightingale

Florence, Italy

- British mathematician, statistician and nurse.
- Used statistics to evaluate treatments.
- Was the first to use pie charts.

- Considerations on the nature of nursing.

- Royal Red Cross (1883)

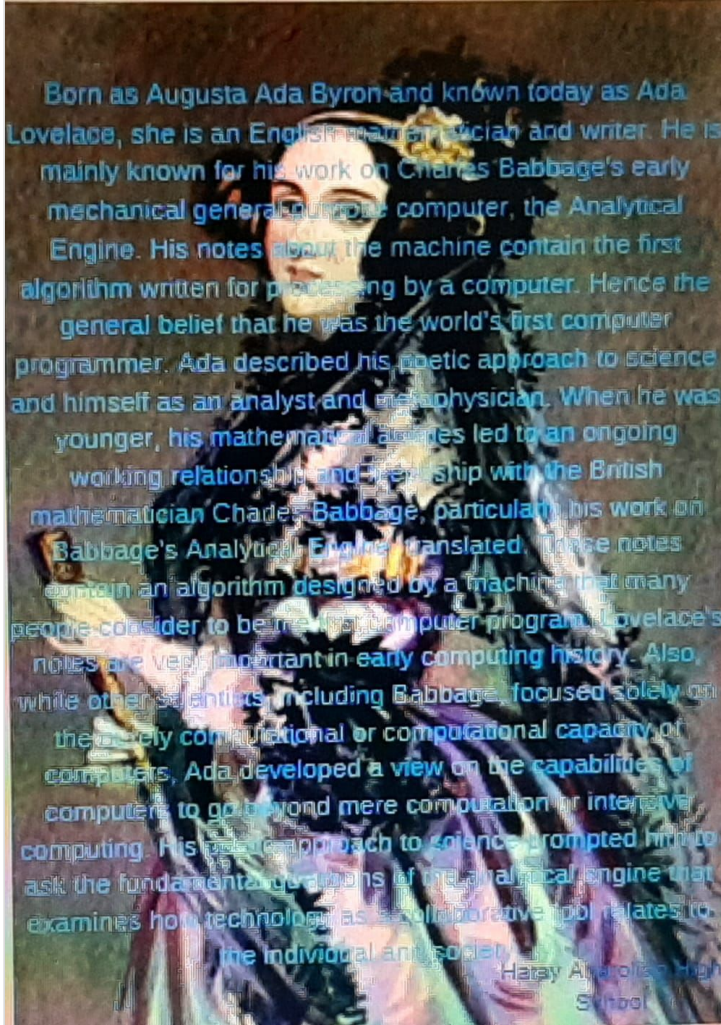
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PADLET DRIVE

MELISA NUR YOZLU 03.01.21 19:06

AUGUSTA ADA BYRON

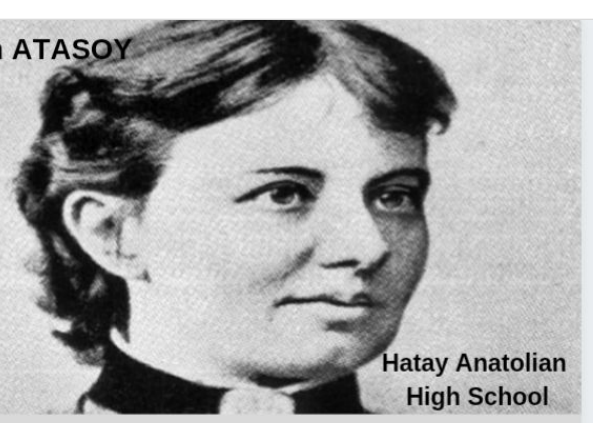


HÜSEYİN A. / TURKEY 03.01.21 18:02

Hüseyin A. / TurkeyS

Sofia Kovalevskaya

Hüseyin ATASOY



Hatay Anatolian High School

Sofia Kovalevskaya (1850 – 1891)

Kovalevskaya made significant contributions to the theory of differential equations and became the first woman to receive a doctorate in mathematics. This woman who was in love with mathematics had to marry at the age of 18 in order to get higher education after completing her basic education with private lessons. Because in Russia at the time, it was considered forbidden for a woman to live separately without the permission of her father or husband. When he went to study mathematics in Heidelberg in 1869; He had to face the fact that women couldn't study college. Nevertheless, he persuaded the university officials to attend classes illegally. In 1871 he moved to Berlin to work with the mathematician Karl Weierstrass; but again he was not allowed to attend university classes. In the autumn of 1874, Kovalevskaya completed 3 works; each was evaluated as a doctoral subject by Weierstrass. The work was about partial differential equations, the integral and the ring of Saturn. In 1874, Kovalevskaya received her doctorate from the University of Göttingen, but this again did not give her an academic position. Despite the endless obstacles brought by her gender and political identity, Sofia, the first woman to lecture at a university in Europe, died at the age of 41 as a result of the progress of her illness that started with a cold she was caught.

ÇAĞLA ARSLAN 03.01.21 17:44

SOPHIE GERMAIN (1776 – 1831)



Famous mathematician Lagrange discovered his intelligence in mathematics for the first time. A homework he prepared for Lagrange, out of concern that the woman would not be given importance 'M. LeBlanc' under a fake name. Lagrange later learns that this genius is Sophie Germain. One of Sophie's biggest supporters in the field of mathematics becomes Lagrange.

His father is a wealthy silk merchant. He was born in 1776 as the daughter of a family in which liberal reforms were discussed and planned in the society. After reading the death story of Archimedes at 13, he decided to be after mathematics.

He learns himself Latin and Greek. Despite his family's opposition, the mother and her children read Newton and Euler after they sleep. Philosophy engulfs curiosity. He decides to support Sophie throughout her life with the boy who cannot cope with such a stubborn child.

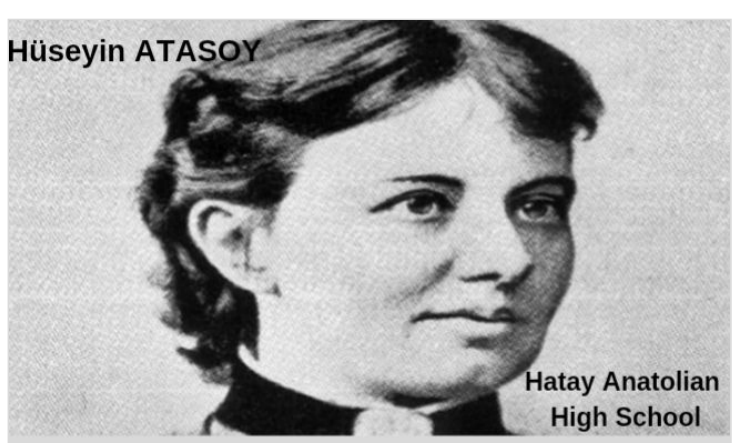
Hatay Anatolian High School

Çağla A.

HÜSEYİN A. / TURKEY 03.01.21 17:45

Sofia Kovalevskaya

Hüseyin ATASOY



Hatay Anatolian High School

Sofia Kovalevskaya (1850 – 1891)

Kovalevskaya diferansiyel denklemler teorisine önemli katkılarda bulunmuş ve matematikte doktora alan ilk kadın olmuştur.

Matematiğe aşık bu kadın özel derslerle temel eğitimini tamamladıktan sonra 18 yaşında yüksek öğretim alabilmek adına bir evlilik yapmak zorunda kalmıştı. Çünkü zamanın Rusya'sında babasının veya eşinin izni olmadan bir kadının ayrı yaşaması yasak kabul edilmekteydi. 1869'da Heidelberg'de matematik okumaya gittiğinde; kadınların üniversite okuyamayacağı gerçeği ile yüzleşmek zorunda kaldı. Yine de üniversite yetkililerini, yasal olmayan yollarla derslere devan etmesi konusunda ikna etti.

1871'de matematikçi Karl Weierstrass ile birlikte çalışmak için Berlin'e taşındı; ama yine üniversite derslerine katılmasına izin verilmedi. 1874'ün sonbaharında Kovalevskaya, 3 çalışmasını tamamladı; her biri Weierstrass tarafından doktora konusu olarak değerlendirildi. Çalışmalar kısmi diferansiyel denklemler, integral ve Saturn'un halkası ile ilgiliydi. 1874'te Kovalevskaya, Göttingen Üniversitesi'nden doktorasını aldı ancak bu ona yine akademik bir pozisyon sağlamadı.

Cinsiyetinin ve politik kimliğinin getirdiği bitmek bilmez engellere rağmen Avrupa'da bir üniversite kürsüsünde ders anlatan ilk kadın olan Sofia yakalandığı soğuk algınlığı ile başlayan rahatsızlığının ilerlemesi sonucu henüz 41 yaşında iken hayata veda etmiştir.

ANONYMNÝ 05.01.21 19:02

cz Petr

Emilie du Chatelet

Émilie du Châtelet



Achievements in the field of mathematics:
Her most recognized achievement is her translation of and commentary on Isaac Newton's 1687 book Principia containing basic laws of physics.
Translation of works by Bernard Mandeville.
She wrote a number of significant philosophical essays, letters and books that were well known in her time

Name and surname of female mathematician:
Émilie du Châtelet

Articles and books:
The art of happiness: the reflections of madame du châtelet
Hagengruber, Ruth

Place of birth: Paris

Awards and recognitions:
predicted infrared radiation

Date of birth: 17. 12. 1706

What were her obstacles?
She had a husband and a lover. She became pregnant with her lover and died of pulmonary embolism after giving birth

Date of death: 10.9. 1749

Famous male contemporaries:

Interests beyond mathematics: physicist, philosopher and enlightened woman


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Dokument Word

PADLET DRIVE

ABIDINMORBELDERBENT 01.01.21 13:24


SOFIA KOVALEVSKAYA

SOFİA KOVALEVSKAYA	
<p><i>Student's artwork or the picture from the Internet (portrait of the chosen female mathematician)</i></p> 	<p>Achievements in the field of mathematics:</p> <p>She is the first great female Russian mathematician. He made many original contributions to the fields of analysis, differential equations and mechanics. She is the first woman to receive full professorship in Northern Europe. She was also one of the first women to work as an editor for a scientific journal. Kovalevskaya's name has many alternatives. He used the name Sophie Kowalevski (or usually Kowalevsky) for academic editions. He used his first name as "Sonya" after moving to Sweden.</p>
<p>Name and surname of female mathematician:</p> <p>Sofia Kovalevskaya</p>	<p>Articles and books:</p> <p>Kovalevsky top</p>
<p>Place of birth:</p>	<p>Awards and recognitions</p> <p>Did not receive an award</p>
<p>abidin_morbel.pdf Dokument PDF PADLET DRIVE</p>	

Amalie Emmy Noether	
<p><i>Student's artwork or the picture from the Internet (portrait of the chosen female mathematician)</i></p> 	<p>Achievements in the field of mathematics:</p> <p>Her father is mathematician Max Noether. After passing the exams, he planned to teach French and English, but eventually studied mathematics at the University of Erlangen in his father's class. After completing his thesis in 1907 under the supervision of Paul Gordan, he worked for seven years at the Mathematical Institute of Erlangen. (At that time, women were excluded from academic academic positions.) In 1915 he was invited by David Hilbert and Felix Klein to participate in the world famous mathematics found at the University of Göttingen. But he was rejected by the university, and he continued for another four years on Hilbert's name. The right to teach was granted in 1919, whereby he was able to assume the title of Privatdozent (in Germanic universities the title means that the owner can teach independently with the post of professor). He continued the exchange among leading Fellows of the Göttingen mathematics department until 1933; his students were sometimes called the "Noether boys". In 1924 he became a student of the Dutch mathematician B. L. van der Waerden and soon</p>
<p>halil_kayalar.pdf Dokument PDF PADLET DRIVE</p>	


MUSTAFABALCIDERBENT 29.12.20 07:24

Meryem Mirzahani

Meryem Mirzahani	
<p><i>Student's artwork or the picture from the Internet (portrait of the chosen female mathematician)</i></p> 	<p>Achievements in the field of mathematics:</p> <p>Mirzahani particularly focuses on hyperbolic geometry, ergodic theory, symplectic geometry, and Teichmüller theory.</p> <p>Mirzahani particularly focuses on hyperbolic geometry, ergodic theory, symplectic geometry, and Teichmüller theory.</p> <p>With the motivation of the mathematics teacher of the "gifted school" he went to after primary school, he tried to sleep with geometry, calculate the areas of different surfaces, and prove the theories. In 1994, he reached the school principal's door with his friend Roya and said, "We want to participate in the International Mathematics Olympics (IMO)." In an interview by Meryem, the school principal, which she told "She was a very solid person", hesitated at first, but finally applied to IMO for two students, saying "Why not? Meryem got full points from 5 out of 6 tests in the Olympics she participated in 1994 and deserved the gold medal with 41 points. That year, his friend Roya received the silver medal with 35</p>
<p>mustafa_balc_.pdf Dokument PDF PADLET DRIVE</p>	

MEHMETURAM38 26.12.20 19:23

Caroline Herschel

<p><i>Student's artwork or the picture from the Internet (portrait of the chosen female mathematician)</i></p> 	<p>Achievements in the field of mathematics:</p> <p>When Caroline settled in England, her brother William taught her music. Then when I saw Caroline's interest in the stars; He also taught him astronomy, algebra, and trigonometry. Caroline learned very well spherical trigonometry, which she saw useful for astronomy. The two brothers gave up their musical studies in 1782 and turned entirely to astronomy. Caroline increased her knowledge of astronomy while cataloging her brother's discoveries with the telescope. After a while, the two brothers started making their own telescopes together. When Caroline began discovering new comets in 1787 and wrote a scientific article on the subject, King III. George was paid by him. This kind of practice had never been done in England until then. Caroline made her third and fourth comet discoveries in 1790. A year later, he used the new telescope his brother made, and the number of comets he discovered reached five. Caroline discovered eight comets by 1797, and did not use a telescope when exploring her final comet. One year later, Caroline, who published her renewed star catalog, which added 560 fixed stars that were not included in previous catalogs, took a 25-year</p>
<p>mehmet_uram.pdf Dokument PDF PADLET DRIVE</p>	

HALILKAYALAR38 27.12.20 21:42

Amalie Emmy Noether/derbent çpal high school

TUGBACAMDEREDERBENT 25.12.20 21:24

TUGBA CAMDERE/DERBENT /TURKEY HULYA SENKON

Student's artwork or the picture from the Internet
(portrait of the chosen female mathematician)



He started his education in Mathematics-Physics at Istanbul University in 1959. He started working as an assistant assistant in the Department of Mathematics in the last year of his education; He graduated from the faculty in 1963. He was appointed to the same department as an assistant in January 1966. transcendental number theory school of the founder of Turkey, Orhan Shero smoker's consultation on "5 of algebraic and transcendental Solved order Problems with Method Grade Equation" on graduate work in 1972 again berafettin smoker's consultation on the "complex and pain we Field on Algebraic Arithmetic Meaning of Two Functions He completed his doctoral dissertation on "Some Results Regarding His Commitment and Their Application to Several Proofs of Irrationality". During his studies, he started learning German and French as well as English, then he learned Italian and Russian. After successfully completing his foreign language courses, he went to Germany and Italy with the scholarship he received. He was appointed as a professor in the same department. In 1990, he published his two-volume "Abstract Algebra Lessons" book, which was published by the Istanbul University Science Faculty Printing House.

tugba_camdere.pdf

Dokument PDF

PADLET DRIVE

ANONYMNÝ 23.12.20 17:12

sk Slávka

MARY CARTWRIGHT



Achievements in the field of mathematics:

- was a British mathematician
- she was one of the pioneers of what would later become known as chaos theory
- along with J. E. Littlewood, Cartwright saw many solutions to a problem which would later be seen as an example of the butterfly effect
- Her mathematical theorem, now known as Cartwright's theorem, gives an estimate for the maximum modulus of an analytic function that takes the same value no more than p times in the unit disc
- To prove the theorem she used a new approach, applying a technique introduced by Lars Ahlfors for conformal mappings

Name and surname of female mathematician:
Mary Cartwright

Place of birth:
Aynho, Northamptonshire

Articles and books:

- Integral Functions
- The Mathematical Mind

Awards and recognitions

- To receive the Sylvester medal
- to be President of the Mathematical Association
- Cartwright received the De Morgan

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Dokument Word

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VOJTĚCH KARTAŠ 23.12.20 02:30

cz Vojta

Christine Darden

Name and surname of female mathematician



Name and surname of female mathematician:

CHRISTINE DARDEN

Place of birth:

Monroe, North Carolina, USA

Achievements in the field of mathematics:

- She spent her 25-year career at NASA researching sonic booms.
- She performed calculations for engineers, writing computer programs and other science projects.
- She was one of the first female aerospace engineers at Langley.
- She has authored more than 50 publications.

Articles and books:

more than 50 articles in the general field of aeronautical design, specializing in supersonic flow and flap design, prediction and minimization of sonic booms

Awards and recognitions

Dr. A. T. Weathers Technical Achievement Award, 1985
Senior Executive Career Development Fellowship, 1994

Female_Mathematician.docx

Dokument Word

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MICHAELA SVOBODOVÁ 22.12.20 23:53

Cz Misa

Katherine Johnson

Kathrine Johnson

Picture

Achievements in the field of mathematics:



Name and surname of female mathematician:

Articles and books:

Mathematician Katherine Johnson

Reaching for the Moon - The Autobiography of NASA

Kathrine_Johnson.odt

Dokument ODT


PADLET DRIVE

ANONYMNÝ 22.12.20 22:51

CZ.Grigoriy


cz Andrii

Sofia Kovalevská

MARIA GAETANA AGNESI	
	<p>Achievements in the field of mathematics: Her textbook, the <i>Analytical Institutions for the use of Italian youth</i> combined differential and integral calculus and was an international success.</p> <p>Agnesi also studied a bell-shaped curve described by the equation $y=a^3x^2+a^2$. This function is now called the <i>Witch of Agnesi</i>. The strange name might come from a pun in the Italian language, where the word "versiera" for "which" sounds similar to the ropes used when sailing.</p>
Name and surname of female mathematician: Maria Gaetana Agnesi	Articles and books: <i>Analytical Institutions for the use of Italian youth</i>
Place of birth: Milan, Italy	Awards and recognitions Agnesi was the first western woman to write a mathematics textbook. She was also the first woman to be appointed professor at a university.
Date of birth: 16 May 1718	What were her obstacles? She studied and worked in Italy no matter how people would get this.
Date of death: 9 January 1799	Interests beyond mathematics: philosopher, theologian, and humanitarian
Famous male contemporaries: Cristina Roccati, Ramiro Rampinelli, Laura Bassi	Why did you choose her? Because I knew a book she wrote.
Famous female contemporaries: Joseph-Louis Lagrange, Leonhard Euler	
Your name, school, country Grigoriy Rybalko, SOSLS (Vocational School of Logistic Services), Czech Republic	

ANONYMNÝ 22.12.20 22:51


CZ.Alex

CLELIA BORROMEO-GRÍLLO	
	<p>Achievements in the field of mathematics: In 1707 she married Count Giovanni Borromeo Arese Benedict (1679-1744), and became the mother of eight children. Borromeo knew several languages, mathematics, science and mechanics. She spoke eight languages and was interested in geometry, science and mathematics. She studied first with her mother and then at the monastery, but it is not known where she received her education in the areas in which she became famous. She was known for her ability to solve every math problem given to her.</p>
Name and surname of female mathematician: CLELIA BORROMEO-GRÍLLO	Articles and books: -
Place of birth: An Italian (Genovese)	Awards and recognitions: In 1728, Guido Grandi describes in detail the spatial curve on a sphere, which he calls clelium in honor of Borromeo.
Date of birth: June 29, 1684	What were her obstacles? Borromeo has been described as an independent person, but eccentric, as independence was not considered natural for women. She has been criticized for receiving many scientists, both foreigners and Italians, known as atheists.
Date of death: 23 August 1777	Interests beyond mathematics: She spoke eight languages and was interested in geometry, science and mathematics.
Famous male contemporaries: Stephen Hawking	Why did you choose her? Because I was interested in her discoveries and exploits that she did in mathematics.
Famous female contemporaries: ARIA GAETANA AGNESI	
Oleksandr Aleksandrov SOSLS (Vocational School of Logistic Services), Czech Republic	


SOFJA VASILJEVNA KOVALEVSKAJA	
	<p>Achievements in the field of mathematics: Was a Russian mathematician who made noteworthy contributions to analysis, partial differential equations and mechanics, she was a pioneer for women in mathematics around the world – the first woman to obtain a doctorate (in the modern sense) in mathematics, the first woman appointed to a full professorship in northern Europe and one of the first women to work for a scientific journal as an editor.</p>
SOŇA KOVALEVSKÁ	Articles and books: Autobiographical Memories of Childhood. The Nihilist Woman (1892), a depiction of her life in Russia.
Russian Empire	Awards and recognitions Alexander von Humboldt Foundation. Commemorative coin, 2000. Soviet Union postage stamp, 1951.
15 January 1850	What were her obstacles? Government of Russia would attempt to slander those women who went to Europe for educational purposes
10 February 1891	Interests beyond mathematics: Analysis, partial differential equations and mechanics.
Famous male contemporaries: Gösta Mittag-Leffler	

ANONYMNÝ 22.12.20 19:25

Stepanka/CZ

Julia Robinson	
	<p>Achievements in the field of mathematics:</p> <ul style="list-style-type: none"> She is the first female mathematician elected to the US National Academy of Sciences, and was the first female president of the American Mathematical Society.
Julia Robinson	Articles and books: <ul style="list-style-type: none"> Definovatelnost a rozhodovací problémy v aritmetice
Missouri, USA	Awards and recognitions: <ul style="list-style-type: none"> Robinson was elected the first president of the American Mathematical Society
<p>BiografyCard.pdf Dokument PDF PADLET DRIVE</p>	


cz Michaela

Edith Clarke	
	Achievements in the field of mathematics: Woman who manually calculates mathematical calculations. She appreciated her speed, diligence and reliability, not creativity. Pioneer of electrical engineering and inventor of one of the forerunners of today's scientific calculators. Thanks to him, telecommunications has become one of the key fields of study in today's world.
Name and surname of female mathematician: Edith Clarke	Articles and books: She was the author of the idea of collecting real-time information on the status of various nodes in the electricity grid, which is the first step towards today's concept of "smart grids". She wrote college textbooks in her field and in 1947 became the first female professor of electrical engineering at the University of Texas. In 1948, she became the first female member of the AIEE.

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Cz David


Karen Uhlenbeck

Karen Uhlenbeck	
	Achievements in the field of mathematics: Uhlenbeck won the 2019 Abel Prize for "her pioneering achievements in geometric partial differential equations, gauge theory, and integrable systems, and for the fundamental impact of her work on analysis, geometry and mathematical physics.
Name and surname of female mathematician: Karen Uhlenbeck	Articles and books: "Regularity for a class of non-linear elliptic systems" "The existence of minimal immersions of 2-spheres" "Minimal immersions of closed Riemann surfaces"
Place of birth: U.S.	Awards and recognitions "Honorary Degree - University Awards & Recognition - The Ohio State University". <i>osu.edu</i> . Retrieved March 19, 2019.

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cz Roman

Marie-Sophie Germain

Marie-Sophie Germain	
	Achievements in the field of mathematics: Sophie Germain was a French mathematician, physicist and philosopher. She was one of the pioneers of elasticity theory. She won the grand prize from the Paris Academy of Sciences for her essay on the elasticity theorem. Sciences established the Sophie Germain Prize in her honor.
Name and surname of female mathematician: Sophie Germain	Articles and books: <ul style="list-style-type: none"> Recherches sur la théorie de surfaces élastiques Bemerkungen zu Wesen, Grenzen und Reichweite der Frage der elastischen Oberflächen Mémoire sur la courbure des surfaces Considérations générales sur l'état des sciences et des lettres
Place of birth: France	Awards and recognitions Prize from the Paris Academy of Sciences, for writing about elasticity theory
Date of birth:	What were her obstacles?

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Gabi/Czech Republic

Doc. RNDr. Alena Šolcová, Ph.D.	
	Achievements in the field of mathematics: <ul style="list-style-type: none"> Czech mathematician and historian of science She works at the Faculty of Information Technology of the Czech Technical University in Prague, where she teaches mathematical logic and the history of mathematics and computer science. She also deals with logic, number theory, some numerical methods and the history of mathematics, computer science and astronomy. She is the initiator and founder of the Kepler Museum in Prague.
Name and surname of female mathematician: Alena Šolcová	Articles and books: <ul style="list-style-type: none"> <i>Fermat's Ideas Revived in Mathematics Applied in Engineering</i> KŘÍŽEK, SOMER a ŠOLCOVÁ. <i>Kouzlo čísel: od velkých objevů k aplikacím</i> <i>Kapitoly z historie matematiky a informatiky</i> <i>Johannes Kepler: zakladatel nebeské mechaniky</i> <i>Pokroky matematiky, fyziky a astronomie</i> <i>Programování a poetická věda Ady Lovelace</i>

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skMaruska

Mary Lucy Cartwright

cz Roman

Marie-Sophie Germain

Mary Lucy Cartwright



Achievements in the field of mathematics:

Mary Lucy Cartwright was a British mathematician and one of the pioneers of Chaos theory. Together with Littlewood, she discovered curious solutions to a problem: an example of what we now call the Butterfly effect.

Name and surname of female mathematician:

Mary Lucy Cartwright

Place of birth:

Articles and books:

- Obituary: Mary Lucy Cartwright
- A Point of View: Mary, queen of maths
- The Mathematical Collaboration of M. L. Cartwright and J. E. Littlewood

Awards and recognitions

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Dokument Word

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ANONYMNÝ 20.12.20 13:57

Julca/cz

Dorothy Maud Wrinch

Achievements in the field of mathematics:

She was a mathematician and biochemical theorist best known for her attempt to derive protein structure using mathematical principles.

She was an advocate of the controversial "cyclol" hypothesis about the structure of proteins.

She is recognized for her contribution and inspiration in the field of molecular biology.

In 1929, she became the first woman to receive the Oxford DSc degree.

Name and surname of female mathematician:

Dorothy Maud Wrinch

Place of birth:

Rosario in Argentina

Date of birth:

Articles and books:

Scientific Inference
Fourier transforms and structure factors

Awards and recognitions:

Award member of the American Physical Society

What were her obstacles?

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ANONYMNÝ 18.12.20 23:40

Piotr/Poland

Sophia Germain



Achievements in the field of mathematics:
Sophia introduced the concept of prime numbers germain to number theory.

Name and surname of female mathematician:

Sophie Germain

Place of birth:

France, Parys.

Date of birth:

01.04.1776

Date of death:

27.06.1831

Famous male contemporaries:

Carl Friderich Gauss
Joseph Fourier

Famous female contemporaries:

Florence Nightingale

Articles and books:

- Revolutionary Mathematician
- Las pirañas

Awards and recognitions:

In 1816, Sophia won a competition announced by the French Academy of Sciences.

What were her obstacles?

Sophia's obstacle was that she was a woman, and women in those days had limited access to science.

Interests beyond mathematics:

She became interested in mathematics at the age of 13 and her parents tried to change her interests because science at that time was considered a field for men, but Sophia stayed with her studies so I think this is her only interest.

Why did you choose her?

I choose her because I was once interested in the theory of elasticity.

Piotr Grodecki, ZSE nr 1 in Cracow, Poland

ANONYMNÝ 18.12.20 23:40

Szymon/Poland

Sofja Wasiljewna Kowalewska



In 1884, as one of the first women in the world, she obtained the title of professor at the University of Stockholm, in 1885 she became the dean of the Faculty of Mathematics.

Name and surname:

Sofja Wasiljewna Kowalewska

Place of birth:

Moskwa

Date of birth:

15 January 1850

Date of death:

10 February 1891

Famous male contemporaries:

Joseph Louis Lagrange
Karl Weierstrass

Famous female contemporaries:

Marie-Sophie Germain

Your name, school, country

Szymon Żurek Electric school complex No. 1 Poland

Articles and books:

Peasant University in Sweden
Nihilistka
Childhood memories

Awards and recognitions:

In 1888 she won the competition of the Paris Academy of Sciences concerning the exact solution of the equations of motion of a rigid body.

Her works mainly concern differential equations, as well as mechanics and optics.

What were her obstacles?

There were difficulties with her studies as the universities did not admit women, so she had to make a special effort to obtain the right to attend lectures without being formally admitted as a student.

Interests beyond mathematics:

She was also a talented writer. She has published several novels and plays, and wrote for newspapers.

Why did you choose her?

Because she is very talented and wanted to learn math very much.

ANONYMNÝ 18.12.20 12:52

sk. Julia

Mary Jackson



Achievements in the field of mathematics:

Mary Jackson, an American mathematician and space engineer working for NASA. She spent most of her career at the Langley Research Center in Hampton. First she did calculations in the western part, in the part for color. She took an engineering course and in 1958 became the first black engineer to work for NASA.

Name and surname of female mathematician:

Mary Jackson

Articles and books:

Effects of Nose Angle a Mach Number on Transition on Cones at Supersonic Speeds

Effects of Cone Angle, Mach Number, and Nose Blunting on Transition at Supersonic Speeds

Awards and recognitions:

Congressional Gold Medal

Apollo Group Achievement Award

National Technical Association's Tribute Award

Place of birth:

Hampton, Virginia

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ANONYMNÝ 18.12.20 11:34

sk.Marianka

Wang Zhenyi

Wang Zhenyi



She was a Chinese scientist and mathematician living during the Qing dynasty. Despite laws and customs preventing women from receiving higher education, she studied subjects like astronomy, mathematics, geography and medicine.

In her books and articles, Wang wrote about trigonometry and Pythagoras' theorem, studied solar and lunar eclipses, and explained many other celestial phenomena.

Name and surname of female mathematician:

Wang

Articles and books:

She rewrite *Principles of Calculation*
She write *The Simple Principles of Calculation*
Studied solar, Lunar eclipses

Awards and recognitions

International Astronomical Union recognized

Place of birth:

Anhui

Date of birth:

1768

Date of death:

1782

Famous male contemporaries:

What were her obstacles?

That she studied really difficult. She has bad marks but she never give up.

Interests beyond mathematics:

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ANONYMNÝ 17.12.20 23:35

sk.Renatka

Florence Nightingale

Florence Nightingale



Achievements in the field of mathematics:

One of her most important contributions to medicine was the use of statistics to evaluate treatments.

She created numerous infographics, and was one of the first to use pie charts.

She founded the first school for nurses in the world.

Name and surname of female mathematician:

Florence Nightingale

Articles and books:

Notes on Nursing

The Crimean War

Notes on hospitals

Florence_Nightingale.docx

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IMELDA IBENDJI 18.12.20 19:58

imelda.CZ

Émilie du Châtelet



Achievements in the field of mathematics:

Gabrielle Émilie Le Tonnelier de Breteuil, marquise du Châtelet was a French mathematician, physicist, and author during the Age of Enlightenment. Her crowning achievement is considered to be her translation and commentary on Isaac Newton's work *Principia Mathematica*. The translation, published posthumously in 1759, is still considered the standard French translation. Voltaire, one of her lovers, declared in a letter to his friend King Frederick II of Prussia that du Châtelet was "a great man whose only fault was being a woman".

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ANONYMNÝ 17.12.20 15:07

Rabia A./TURKEY

FLORENCE NIGHTINGALE

Florence Nightingale



Achievements in the field of mathematics:

- British mathematician, statistician and nurse.
- Used statistics to evaluate treatments.
- Created a large number of infographics .
- Was the first to use pie charts.

Name and surname of female mathematician:

Florence Nightingale

Place of birth:

Articles and books:

- What is it and What it is not.
- Considerations on the nature of nursing.

Awards and recognitions:

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Amalie Emmy Noether



Achievements in the field of mathematics:

She made contributions to the theories of algebraic invariants and number fields. Her work on differential invariants in the calculus of variations, Noether's theorem, has been called "one of the most important mathematical theorems ever proved in guiding the development of modern physics".

Name and surname of female mathematician:

Amalie Emmy Noether

Articles and books:

Books:

1. A Dick, Emmy Noether, Revue de mathématique élémentaires 13 (Basel, 1970).
2. A Dick, Emmy Noether, 1882-1935 (Boston,

Amalie_Emma_Noether__1_.pdf

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ANONYMNÝ 16.12.20 23:41

sk.Daniela

KRISTÝNA NICOL HANUŠOVÁ 17.12.20 11:39

CZ/Kristyna



Amalie Emmy Noether (1882–1935) was a German mathematician who made important discoveries in abstract algebra and theoretical physics, including the connection between symmetry and conservation laws. She is often described as the most influential female mathematician.

Name and surname of female mathematician:

Amalie Emily Noether

Articles and books:
Noether's theorem is a key finding of theoretical physics, expressing the relationship between symmetry and the laws it influences

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Émilie du Châtelet



Achievements in the field of mathematics:

Émilie du Châtelet had an extraordinary mind.. She worked on a French translation of Newton's book Principia, which contains the basic laws of physics. She worked on it 18 hours a day. She also wrote the philosophical work Discours sur le bonheur, which also focused on the female question. In her work, she opposed John Locke. She also devoted herself to the interpretation of the Bible (Examen de la Genèse, Examen des Livres du Nouveau Testament).

Émilie du Châtelet

Place of birth: Paris, France

Date of birth: 17. 12. 1706

Date of death: 10. 9. 1749

Articles and books:

Translated Newton's file

Awards and recognitions
WAM received \$ 30,000 in production, of which \$ 10,000 from Mass Humanities. Grant supported the production of a study guide for Emilie

What were her obstacles?

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AMINA DZIHANIC 16.12.20 23:41

Amina/ Bosnia and Herzegovina

Amalie Emmy Noether

ANONYMNÝ 16.12.20 23:41

Kerem B./TURKEY

Katherine Johnson

KATHERINE JOHNSON



Achievements in the field of mathematics:

Creola Katherine Johnson was an American mathematician whose calculations of orbital mechanics as a NASA employee were critical to the success of the first and subsequent U.S. crewed spaceflights. During her 35-year career at NASA and its predecessor, she earned a reputation for mastering complex manual calculations and helped pioneer the use of computers to perform the tasks. The space agency noted her "historical role as one of the first African-American women to work as a NASA scientist". Johnson's work included calculating trajectories, launch windows, and emergency return paths for Project Mercury spaceflights, including those for astronauts Alan Shepard, the first American in space, and John Glenn, the first American in orbit, and rendezvous paths for the Apollo Lunar Module and command module on flights to the Moon. Her calculations were also essential to the beginning of the Space Shuttle program, and she worked on plans for a mission to Mars.

Name and surname of female mathematician:
CLEOLA KATHERINE JOHNSON

Articles and books:
-Reaching for the Moon: The Autobiography of NASA Mathematician
-Cobwebs Magazine
-A Nurse's Tale

Place of birth:

Awards and recognitions

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ANONYMNÝ 16.12.20 23:41

sk.Vanesa

KATHERINE JOHNSON

KATHERINE JOHNSON



Achievements in the field of mathematics:

Katherine Johnson was an American mathematician whose calculations of orbital mechanics as a NASA employee were critical to the success of the first and subsequent U.S. crewed spaceflights. During her 35-year career at NASA and its predecessor, she earned a reputation for mastering complex manual calculations and helped pioneer the use of computers to perform the tasks. The space agency noted her "historical role as one of the first African-American women to work as a NASA scientist".

Name and surname of female mathematician:
Katherine Johnson

Articles and books:
Reaching for the Moon: The Autobiography of NASA Mathematician Katherine Johnson

Place of birth:
White Sulphur Springs West

Awards and recognitions:
Presidential Medal of Freedom (2015)

Katherine_Johnson.docx

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ANONYMNÝ 16.12.20 23:41

Beren C./TURKEY

HYPATIA

HYPATIA



Achievements in the field of mathematics:

Hypatia was a prominent astronomer and mathematician in ancient Alexandria. She was also the first female mathematician whose life and work are reasonably well recorded. She edited or wrote commentaries on many of the scientific books of her time, and constructed astrolabes and hydrometers.

Name and surname of female mathematician:

Hypatia

Articles and books:
- Her book "The Astronomical Canon" (Laws of Astronomy).
- A 13-volume commentary on arithmetic.
- Commentary on Apollonius's Conics.
- Editing on Ptolemy's "Almagest".
- Arrangement on "Elements of Euclid" written by his

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ANONYMNÝ 06.01.21 16:07

Efe Ç./Turkey

About Marie Sophie Germain

Marie-Sophie Germain



Achievements in the field of mathematics:

Germain was a pioneer in understanding the mathematics of elastic surfaces, for which she won the grand prize from the Paris Academy of Sciences. She also made considerable progress in solving Fermat's Last Theorem, and regularly corresponded with Carl Friedrich Gauss.

Name and surname of female mathematician:
Marie-Sophie Germain

Articles and books:
*Recherches sur la théorie des surfaces élastiques
*Revolutionary Mathematician
*Las pirañas

Place of birth:
Rue Saint-Denis, Paris, France

Awards and recognitions
Germain tried again and received an honorable mention for her next entry, but it had too many errors to succeed. She tried a third time and, on January 8, 1816, she was awarded the enormously prestigious Paris Academy of Sciences Prize, a one

Marie Sophie Germain

Dokument Word

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ANONYMNÝ 16.12.20 23:45

Güla./TURKEY

AGNESI

Maria Getana AGNESI



Maria Gaetana Agnesi, (born May 16, 1718, Milan, Habsburg crown land [now in Italy]—died January 9, 1799, Milan), Italian mathematician and philosopher, considered to be the first woman in the Western world to have achieved a reputation in mathematics.

Maria Gaenata AGNESI

Articles and books:
Instituziona analitiche adli della gioventu italiana
She wrote a volume book.

Place of birth:
Milan, Italy

Date of birth:
May 16 1718

Date of death:
January 9, 1799

Famous male contemporaries:

What were her obstacles?

Being a woman living in ancient times could sometimes be an obstacle

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Dokument Word

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