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MATH 10MATHEMATICS • no generally accepted definition • from Greek word -"máthēma" (noun), which means "learning" -"mathēmatikós" (adjective)MATHEMATICS study of patterns systematic ^MATHEMATICS study of patterns systematic ^ based on logicMATHEMATICS systematic: math is a (formal) language with accepted rules(grammarGeorg Cantor: Created set theory, which has become a fundamental theory in modern mathematics. It provides a standard set of axioms to prove or disprove propositions. ♣️I've always enjoyed mathematics. It is the most precise and concise way of expressing any idea" - N. R. Narayana Murthy "Film is one of the three universal languages, the other two: mathematics and music" - Frank CapraMATHEMATICS study of patterns: consequently, math can be a tool in studying patterns in "real-world" systems to solve problems Technological wonders just about numbers (it just so happen, numbers have patterns)MATHEMATICS math has philosophical underpinnings based on logic:Pythagoras: Greek philosopher Kapitölnischer Pythagoras adjusted.jpg"Mathematics is the music of reason" - James Joseph Sylvester "Pure mathematics is, in its way, the poetry of logical ideas" - Albert EinsteinMaths as brain stimulus Sudoku Puzzle by L2G-20050714 solution standardized layout.svgMATHEMATICS is the In summary: study of patterns systematic ^ based on logic"Mathematics knows no races or geographic boundaries; for mathematics, the cultural world is one country" - David HilbertFr. Bienvenido F. Nebres, S.J. • National Scientist and Academician (Mathematics), awarded year 2011 • President of ADMU (1993-2011) • Bachelor of Arts in Philosophy (1962) and Master of Arts in Philosophy (1963), Jesuit Scholasticate, Berchmans College, Cebu City, Philippines • Master of Science in Mathematics and Ph.D. in Mathematics (1965-1970), Stanford University, California • Founding President of the Mathematical Society of the Philippines (1972). One of the founding officers of the Southeast Asian Mathematical Society (SEAMS) • Board member of several private companies Math Design Science Mathematics Picture Math Design Clipart Funny Math Clip Art Math Marking Design Mathematics Logo Download Simple Math Photo Math Subject Quality Numbers Math Yellow Mathematical Electro Mathematics Clipart Blue Math Picture Similiar Math Picture Picture Mathematics Hd Desktop Presentation Elementary Math Quality Natural Math Photo Math Design Hd Clip Art Math Equations Graphic Mathematics Walpaper Design Math Slides Page 2 Style Retro Futuristic Neon Artwork Quality Windows Design Colored Cassette Art 80s Christmas Artwork Frame 3d mountain sky night star outdoor weather 80s Stock Footage 80s Grid Electro Chris Spooner 80s 80s Press Gossip Culture Picture 80s Neon Galleryhip The Hippest Galleries! Quality 80s Neon 80ss and Pictures Clip Art 80s Stock Images Presentation Bilder Und Videos Suchen 80s Photo 80s Picture I Love The 80s Clipart image 80s Daft Punk Inspired Art By Daniacdesign On DeviantArt Clipart 80s Grid How To Create 80s Style Retro Futuristic Neon Clip Art All Images Remain Property Of Their Original Owners Site and De Design 80s Grid 80s Laser Download 80s Grid Design 80s Retro Sci Fi Stock Vector Colourbox Art 80s Retro Style Photo 80s Grid 80s Grid Backg Slides Neon Drive 80s Arcade Game A Game By Fraoula Slides Retro 80s Galleryhip The Hippest Galleries! Template Black 80s Art 80s Retro Neon Gradient 80s Stock Footage Graphic 80s Black and Purple Clip Art School Photos 80s image Page 3 1 math By:Basmah Alzhirani 2 WHAT IS Math -M-Mathematics is the science that deals with the logic of shape, quantity and arrangement. Math is all around us, in everything we do. It is the building block for everything in our daily lives, including mobile devices, architecture (ancient and modern), art, money, engineering, and even sports. -S-Since the beginning of recorded history, mathematic discovery has been at the forefront of every civilized society, and in use in even the most primitive of cultures. The needs of math arose based on the wants of society. The more complex a society, the more complex the mathematical needs. Primitive tribes needed little more than the ability to count, but also relied on math to calculate the position of the sun and the physics of hunting 3 History of mathematics - The area of study known as the history of mathematics is primarily an investigation into the origin of discoveries in mathematics and, to a lesser extent, an investigation into the mathematical methods and notation of the past.mathematicsmathematical methods and notation of the past - Before the modern age and the worldwide spread of knowledge, written examples of new mathematical developments have come to light only in a few locales. The most ancient mathematical texts available are Plimpton 322 (Babylonian c. 1900 BC), [2] the Rhind Mathematical Papyrus (Egyptian c. 2000-1800 BC) [3] and the Moscow Mathematical Papyrus (Egyptian c. 1890 BC). All of these texts concern the so-called Pythagorean theorem, which seems to be the most ancient and widespread mathematical development after basic arithmetic and geometry.modern agePlimpton 322Babylonian [2]Rhind Mathematical PapyrusEgyptian [3]Moscow Mathematical PapyrusPythagorean theorem 4 - Lets solve some problems 5 - thank you Although this book's intended audience is those teaching elementary mathematics (and presumably their teachers), I figured it would be worthwhile reviewing from the perspective of a parent of elementary school children:I found this book after my son encountered some difficulties with his third grade math work. In attempting to bring him up to speed with the class work I first looked to his textbook, and then also Internet resources such as Kahn Academy and YouTube. I became a little frustrated with my lack of a complete understanding of the subject, which is somewhat tricky for an adult to teach since there are so many dependencies on concepts that have not yet been introduced (e.g. you can't subtract a larger number from a smaller one before you know about negative numbers). Some Google searching turned up this book and although it is quite expensive, I ordered a copy figuring that my kids have a few years to go in elementary school so the cost can be amortized. Also, compared to the cost of a private tutor for my son, the price is very reasonable.The first thing to say is that you need a mathematical background in order to get value from this book. I found it easy to read and understand, but I'm an engineer who had to study math well into my 20's. If you struggled with High School Math, this probably isn't the book for you.I found the book to be tremendously useful in pinning down the somewhat non-rigorous, shifting sands of the textbook and class material. It's also just a plain interesting read for anyone with an interest in mathematics. For example you learned long division at school, but how, exactly, does it work?So for anyone who is mathematically fluent, but a little hazy about the details of fractions, multi-digit multiplication, and why learning 11 and 12-times tables is a stupid idea, this is the book for you! PPTXMeaning, Nature and Structure of Mathematics- Mathematics pedagogy JEMIMASULTANA32PPTXImportance of mathematics in our daily lifeHarsh RajputPDFWhat is mathematics? 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