

MATHEMATICS QUESTION AND ANSWERS

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Where can I ask math questions and get answers? Ask MathNerds.com - A large group of math experts have banded together to provide this excellent service. Ask these people your math questions and you're sure to get a quick, correct answer. Gomath.com - This site has tutors available to answer your math questions for free.

What are the basic questions of mathematics?

What are knowledge questions in mathematics?

Which type of questions are asked in a maths quiz? All of the questions in this Maths Quiz are Multiple Choice Questions (MCQ) type questions. These questions will have 4 options, only one of which option is the correct one, the students have to select the correct option, in a given amount of time.

What is a website that can answer any math question? Wolfram|Alpha has broad knowledge and deep computational power when it comes to math. Whether it be arithmetic, algebra, calculus, differential equations or anything in between, Wolfram|Alpha is up to the challenge.

What is the app called that gives you math answers? Billions of math problems: From elementary arithmetic to advanced calculus and everything in between, Photomath can solve billions of math problems—including word problems! Whether handwritten, in a textbook, or on a screen, Photomath is here to help you untangle your trickiest problem.

What is the hardest math question?

What is the most asked math question?

What are the 4 types of math questions?

What are the top 10 quiz questions?

What are essential math questions?

How can I practice math questions?

What are the basic questions of maths?

What are hot questions in math? Higher Order Thinking Skills (HOTS) mathematics problem is non-routine mathematics problem that contains elements of analysis, evaluation, and creation. This research uses problem-solving based on Krulik and Rudnick to analyze student's ability in solving HOTS problem.

What is a good math problem? A good maths problem-solving question is open A good example of an open maths question is “How many pennies can fit into a classroom?” Students can start by measuring the size of the classroom and measuring the volume of the pennies before using that information to make an estimate.

What is e in math? Euler's Number 'e' is a numerical constant used in mathematical calculations. The value of e is 2.718281828459045...so on. Just like pi(?), e is also an irrational number. It is described basically under logarithm concepts.

How to solve math problems?

How to simplify an equation?

What is the website that gives math answers? QuickMath will automatically answer the most common problems in algebra, equations and calculus faced by high-school and college students. The algebra section allows you to expand, factor or simplify virtually any expression you choose.

What is the best free math app for adults? Khan Academy is one of the best free math apps, as non-profit educational organization that provides a variety of resources, including math lessons, practice problems, and instructional videos

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suitable for a wide range of math levels.

Can I take a picture of a math problem and get an answer? To solve a math problem, point the camera at your math problem to take a picture and Photomath will show you the solution or solutions. Holding firmly and writing with a neat handwriting will make scanning faster.

What is the hardest math problem nobody can solve? Today's mathematicians would probably agree that the Riemann Hypothesis is the most significant open problem in all of math. It's one of the seven Millennium Prize Problems, with \$1 million reward for its solution.

What are the 7 unsolved mathematics?

Who found the zero? Aryabhata, a great astronomer of the classic age of India was the one who invented the digit "0" (zero) for which he became immortal but later on is given to Brahmagupta who lived around a century later 22, another ancient Indian mathematician.

What is the oldest math question? Goldbach's conjecture is one of the oldest and best-known unsolved problems in number theory and all of mathematics. It states that every even natural number greater than 2 is the sum of two prime numbers.

What is the hardest math question known to man?

What is the most easiest maths question? The easiest math questions are multiplying any give number by zero. However, $1 + 1$ is also very easy. The easiest? Probably just knowing how to count and understanding what the counting numbers mean physically.

Where can I ask a question and get an answer?

Where can I get math help online for free? GreeneMath.com exists to offer free math help to anyone with an internet connection! Our goal is to provide a classroom-like experience, guiding students step by step through each topic. We don't replace traditional classrooms, but rather we strive to help students transcend them.

Is there a website to help with math? Khan Academy is a free website that offers thousands of math lessons for learners of all ages. From Pre-K to college level, courses cover various math topics. Once registered at the Khan Academy website, you can learn math for free through video content, quizzes, and practice exercises.

Is there a website that solves math word problems? Because the Wolfram Language has powerful symbolic computation ability, Wolfram|Alpha can interpret basic mathematical word problems and give descriptive results.

Which website gives answers to questions? Some of the more popular question and answer platforms include Quora, Yahoo! Answers, and StackExchange.

Is there an app you can ask questions and get answers? Need to get unstuck? Socratic can help! This learning app, powered by Google AI, helps you understand your school work at a high school and university level. Ask Socratic a question and the app will find the best online resources for you to learn the concepts.

How can I get Google to answer questions? Say "Hey Google" or press the button to talk to your Google Assistant. Then say a command.

Where can I get free math answers?

Is math Papa free? For MathPapa Premium, there is a Monthly subscription for \$9.99. This price is for U.S. customers. Pricing in other countries may vary.

Is Khan Academy really free? On the Khan Academy website, students can access lessons for free in the subjects they want to learn. The available subjects on the platform include math, science, economics and finance, arts and humanities, reading and language arts, life skills, and computer science.

What is the best app to solve math problems for free? Cymath - Math Problem Solver A free program for Android, by Cymath LLC. The Cymath app is a tool that allows you to solve math problems on the go. Just enter the problem and let Cymath solve...

How to get maths answers online?

What is the website for math questions? Mathway. Mathway allows users to solve math problems, including basic math, pre-algebra, algebra, trigonometry, pre-calculus, calculus and statistics. Problems to be solved are entered into a resizable text box.

What is the best math website for free?

Is there a free AI that solves math problems? Yes, the Mathful AI math problem solver is free to try. Cost-friendly subscriptions are available to ask even more math questions.

Can I take a picture of a math problem and get an answer? To solve a math problem, point the camera at your math problem to take a picture and Photomath will show you the solution or solutions. Holding firmly and writing with a neat handwriting will make scanning faster.

How to identify the type of differential equation?

What makes a differential equation nonlinear? (1) the dependent variable (y) and all its derivatives in the equation are of power one. are either constants or depend only on the independent variable (x). If any one of these 2 conditions is not satisfied, then the DE is said to be nonlinear DE.

How do we determine the linearity of a differential equation? It is linear if the coefficients of y (the dependent variable) and all order derivatives of y , are functions of t , or constant terms, only.

What is the classification of order and degree of a differential equation? The order of the differential equation is different from the degree of the differential equation. The order of the differential equation is the highest derivative in the differential equation and the degree of the differential equation is the power of this highest derivative in the differential equation.

How do you classify differential equations? Ordinary differential equations or (ODE) are equations where the derivatives are taken with respect to only one variable. That is, there is only one independent variable. Partial differential equations or (PDE) are equations that depend on partial derivatives of several variables.

What are the four types of differential equations?

How do you determine whether the differential equation is linear or nonlinear?

In a differential equation, when the variables and their derivatives are only multiplied by constants, then the equation is linear. The variables and their derivatives must always appear as a simple first power. Here are some examples. Similar rules apply to multiple variable problems.

How to tell if an ODE is linear or separable? 2 Answers. Linear: No products or powers of things containing y . For instance y^2 is right out. Separable: The equation can be put in the form $dy(\text{expression containing } y\text{'s, but no } x\text{'s, in some combination you can integrate}) = dx(\text{expression containing } x\text{'s, but no } y\text{'s, in some combination you can integrate})$.

How to tell if an equation is linear or nonlinear?

What is the Bernoulli differential equation? A Bernoulli differential equation is an equation of the form $y' + a(x)y = g(x)y^n$, where $a(x)$ and $g(x)$ are given functions, and the constant n is assumed to be any real number other than 0 or 1. Bernoulli equations have no singular solutions.

How do you know if a differential equation is linear or homogeneous?

Practically, a linear equation can be spotted because there is no term involving the unknown function or its derivatives in powers different from 1. A homogeneous equation is one with no forcing term, that is there is no term only dependent on x (if the unknown function is $y(x)$).

How to tell if a PDE is linear? If the dependent variable and all its partial derivatives occur linearly in any PDE then such an equation is called linear PDE otherwise a nonlinear PDE.

How do you tell what kind of differential equation you have? First you check if there are partial derivatives (PDE) or a single variable (ODE). You check if the equation is a linear combination of the derivatives, with a right-hand side (linear equation). Next you check if the coefficients are constant (linear equation with constant coefficients) or functions of the unknown.

What is the perfect differential equation? Exact equation. A first-order differential equation (of one variable) is known as an exact, or an exact differential, if it is the result of a simple differentiation. The equation $P(x, y)y' + Q(x, y) = 0$, or in the equivalent alternate notation $P(x, y)dy + Q(x, y)dx = 0$, is exact if $P_x(x, y) = Q_y(x, y)$.

What is a non-linear differential equation? A non-linear differential equation is one in which the unknown function and its derivatives don't have a straight line when plotted in a graph (the linearity or non-linearity in the arguments of the function are not considered here).

How to determine order and linearity of a differential equation? If an equation is a first-order differential equation, there will only be a first-derivative term. (No higher-order derivatives can be present.) For the equation to be linear in terms of the derivatives, you cannot multiply the derivative terms by any other derivative terms.

What determines the order of a differential equation? The order of a differential equation is defined to be that of the highest order derivative it contains. The degree of a differential equation is defined as the power to which the highest order derivative is raised. The equation $(f')^2 + (f')^4 + f = x$ is an example of a second-degree, third-order differential equation.

What is the linearity of a differential equation? Linearity of Differential Equations – A differential equation is linear if the dependant variable and all of its derivatives appear in a linear fashion (i.e., they are not multiplied together or squared for example or they are not part of transcendental functions such as sines, cosines, exponentials, etc.).

What are the classification of differential equations by order? While differential equations have three basic types—ordinary (ODEs), partial (PDEs), or differential-algebraic (DAEs), they can be further described by attributes such as order, linearity, and degree.

How many methods are there to solve differential equations? Differential Equations Solutions The solution that contains as many arbitrary constants as the order of the differential equation is called a general solution. The solution free from arbitrary constants is called a particular solution. There exist two methods to find the

solution of the differential equation.

How do you identify methods in differential equations?

How do you identify types of equations?

How to know if de is linear or nonlinear? In conclusion, the difference between linear and nonlinear differential equations lies in their form and properties. Linear differential equations are simpler and have constant coefficients, while nonlinear differential equations are more complex and do not have these properties.

How can you tell the difference between differential equations? Differential equations works on continuous functions while difference equations work on discrete functions. For example a function is such that at any step n the value is the sum of the two previous values.

How to identify a difference equation? An equation which expresses a value of a sequence as a function of the other terms in the sequence is called a difference equation. In particular, an equation which expresses the value a_n of a sequence $\{a_n\}$ as a function of the term a_{n-1} is called a first-order difference equation.

Standard Handbook of Chains: A Comprehensive Guide to Power Transmission and Material Handling

Q1: What is the Standard Handbook of Chains? A: The Standard Handbook of Chains is a definitive reference for engineers and technicians involved in the design, selection, and application of chains in power transmission and material handling systems. It offers comprehensive information on various chain types, their properties, and best practices for their use.

Q2: What's new in the Second Edition? A: The Second Edition includes updated information on the latest technology advancements in chain design and manufacturing. It also features new chapters on chain lubrication, corrosion protection, and troubleshooting techniques.

Q3: Who is the target audience for this handbook? A: The Standard Handbook of Chains is an invaluable resource for mechanical engineers, design engineers, maintenance technicians, and anyone involved in the use of chains in industrial

applications.

Q4: What topics are covered in the handbook? A: The handbook covers a wide range of topics related to chains, including chain types (roller chains, silent chains, leaf chains, etc.), design and selection considerations, strength calculations, wear and lubrication, and specialized applications (conveyor chains, hoist chains, automotive chains, etc.).

Q5: Why is the Standard Handbook of Chains considered a must-have for professionals? A: The Standard Handbook of Chains is widely recognized as the most comprehensive and authoritative reference on chain technology. Its detailed technical information, practical guidance, and real-world examples make it an indispensable tool for engineers and technicians seeking to optimize chain performance, reduce downtime, and ensure the safe and efficient operation of chain-driven systems.

Storia delle Terre e dei Luoghi Leggendar

Sin dai tempi antichi, l'umanità è stata affascinata dalle storie di terre lontane e luoghi misteriosi. Questi luoghi leggendari sono stati fonte di ispirazione per miti, leggende e opere letterarie. Ecco alcune delle domande e risposte più frequenti su questi luoghi enigmatici:

1. Qual è l'origine della leggenda di Atlantide?

La leggenda di Atlantide deriva dal filosofo greco Platone, che la descrisse in due dei suoi dialoghi, il "Timeo" e il "Crizia". Platone sosteneva che Atlantide fosse un'isola perduta al di là delle "Colonne d'Ercole" (lo Stretto di Gibilterra), descritta come una terra ricca e potente un tempo inghiottita dal mare.

2. Dove si trova Shangri-La?

Shangri-La è un luogo leggendario spesso associato alla felicità e all'eterna giovinezza. Viene menzionato nel romanzo di James Hilton del 1933, "Lost Horizon", come una valle nascosta in Tibet. Tuttavia, la sua posizione esatta rimane sconosciuta.

3. Esiste davvero El Dorado?

El Dorado è una città leggendaria d'oro scomparsa, che si dice si trovi nella giungla amazzonica. È stata oggetto di numerose spedizioni in cerca di fortuna, ma la sua esistenza rimane un mistero.

4. Qual è la storia di Avalon?

Avalon è un'isola leggendaria della mitologia celtica, associata alla dea Artu. Si dice che sia il luogo in cui il re Artù fu portato dopo la battaglia di Camlann e dove riposa in attesa del suo ritorno. La sua posizione è sconosciuta, ma è spesso associata all'odierna isola di Glastonbury in Inghilterra.

5. Che cosa sappiamo della Terra di Nod?

La Terra di Nod è un luogo menzionato nella Genesi della Bibbia. È il luogo dove Caino fuggì dopo aver ucciso suo fratello Abele ed è spesso interpretato come un luogo di esilio o di castigo. La sua posizione è sconosciuta.

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