

CALCULUS 8TH EDITION ONLINE

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Can you do calculus online? Learn calculus with online courses and programs. As one of the foundations of modern scientific practice, it's a vital tool for engineers of all kinds. Learn calculus with online courses delivered through edX.

Can I take AP Calculus AB online? In our AP Calculus AB online course, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally.

Do they still teach calculus? But barely over half of all schools in the United States offer calculus. Many students without access to calculus in their high school can enroll in a local college or university or take the course online, but this requires high motivation and often additional costs.

What was the first calculus textbook? The first calculus textbook was called *Analyse des infiniment petits*. It was published in 1695.

Can I master calculus in 2 months? Depending on how much time you devote and what you already know, you may need anywhere from 6 months to 3 years to master higher-level calculus. Precalculus may take 2 weeks to 4 months, and Calculus 1, Calculus 2, calculus 3, and differential equations will take the same 3 months to 1 year each.

Is calculus even hard? Despite being a fundamental subject in the field of mathematics, calculus is notorious for its difficulty. Many students struggle to learn calculus and find it to be a daunting subject.

Is AP Calc AB or BC easier? AP Calculus BC is more difficult than AP Calculus AB. Not only does it include additional topics, which requires an accelerated pace, but the additional units, especially Unit 10, tend to be more difficult than the Calc AB units.

Is AP Calc AB really hard? AP® Calculus AB is considered to be more difficult than non-AP® Calculus. This higher level of difficulty is because AP® courses are meant to teach at an introductory college level while high school courses teach at the high school level.

Is AP Calc AB harder than AP Stats? Both AP Stats and AP Calc offer valuable skills and insights, but which one you take should depend on your interests and future plans. AP Calculus is generally considered more rigorous than AP Statistics. It's typically taken by students pursuing STEM fields or those looking to challenge themselves mathematically.

What percentage of college students fail calculus? I have been amazed to discover that across the country it is typical that 25 or 30% of students who take their first calculus course in college fail. It seems to be a national expectation that a significant percentage of students will be lost—indeed, should be lost—from a STEM pathway after taking college calculus.

What's the highest level of math? A doctoral degree is the highest level of education available in mathematics, often taking 4-7 years to complete. Like a master's degree, these programs offer specializations in many areas, including computer algebra, mathematical theory analysis, and differential geometry.

What level of math is calculus? College/University Level While it is possible to take calculus courses in high school, college-level calculus courses provide a more in-depth and rigorous understanding of the subject. The level of difficulty and complexity increases as students progress from Calculus I to Calculus II and III.

Who is the real father of calculus? Calculus is commonly accepted to have been created twice, independently, by two of the seventeenth century's brightest minds: Sir Isaac Newton of gravitational fame, and the philosopher and mathematician Gottfried Leibniz.

What are the four types of calculus?

When did Einstein learn calculus? Einstein started teaching himself calculus at 12, and as a 14-year-old he says he had "mastered integral and differential calculus".

What is the best online course for calculus?

Can you take precalculus online? To understand precalculus, learners have the option to pursue coursework in the subject in an engaging and effective online learning environment, complete with interactive video tutorials, quizzes, and more.

Can the average person do calculus? Yes, it will take hard work at times, but the numerous benefits you'll obtain when you master it are unrivaled. It will reveal things to you that are hidden from most people's eyes. Believe in yourself, because anybody can "do calculus." So, take a deep breath, get started, and be ready to expand your mind.

Can you take calculus in college without taking it in high school? If you are STEM-bound but may not take calculus in high school, don't despair. Most STEM majors take calculus their first year of college, though over 75% of students enrolled in an introductory college calculus course took the subject in high school as well.

Soluzioni Libro di Matematica Blu 2: Domande e Risposte

Il Libro di Matematica Blu 2 è un manuale didattico ampiamente utilizzato nelle scuole italiane. Per aiutare gli studenti a comprendere meglio gli argomenti trattati, sono disponibili online numerose soluzioni e risorse complementari.

Domanda 1: Come trovare le soluzioni per gli esercizi di equazioni di primo grado?

Risposta: Le soluzioni per gli esercizi di equazioni di primo grado si trovano nella sezione dedicata alle equazioni, di solito nella parte finale del libro. Gli esercizi sono suddivisi per argomento e difficoltà, con risposte dettagliate e guidate.

Domanda 2: Dove posso trovare soluzioni per i problemi di geometria solida?

Risposta: I problemi di geometria solida, come quelli relativi ai volumi e alle superfici, hanno soluzioni dedicate disponibili online. Queste soluzioni spesso includono diagrammi e spiegazioni passo dopo passo per aiutare gli studenti a visualizzare e comprendere i concetti.

Domanda 3: Esiste un sito ufficiale per le soluzioni del Libro di Matematica Blu 2?

Risposta: Non esiste un sito ufficiale dedicato esclusivamente alle soluzioni del Libro di Matematica Blu 2. Tuttavia, ci sono numerosi siti web e forum affidabili che forniscono soluzioni e risorse aggiuntive per gli studenti.

Domanda 4: Posso accedere alle soluzioni offline?

Risposta: Oltre alle soluzioni online, è possibile scaricare e stampare le soluzioni in formato PDF da vari siti web. Ciò consente agli studenti di consultare le soluzioni ovunque e in qualsiasi momento.

Domanda 5: Le soluzioni sono disponibili solo per la versione cartacea del libro?

Risposta: No, le soluzioni sono disponibili anche per la versione digitale del Libro di Matematica Blu 2. Gli studenti possono accedere alle soluzioni online o scaricarle sui propri dispositivi mobili.

The Drug Book: 250 Milestones in the History of Drugs

From Arsenic to Xanax: A Journey Through Human Dependency

1. What is the oldest known drug?

The oldest known drug is alcohol, which dates back to at least 10,000 BC. Evidence of its consumption has been found in ceramic vessels from ancient China and pottery jugs from Iran.

2. What was the first drug used for medical purposes?

Opium, derived from the poppy plant, was the first drug used for medical purposes around 3400 BC. It was believed to have analgesic, sedative, and antidiarrheal

properties.

3. What was the most common drug of abuse in the 19th century?

Laudanum, a tincture of opium, was the most common drug of abuse in the 19th century. It was widely used as a pain reliever and recreational drug, leading to widespread addiction.

4. What drug was first synthesized in a laboratory?

Aspirin, originally known as acetylsalicylic acid, was the first drug synthesized in a laboratory in 1897. It revolutionized pain management and remains one of the most widely used drugs today.

5. What was the first antidepressant drug?

Iproniazid, also known as Marsilid, was the first antidepressant drug introduced in the 1950s. It marked a significant breakthrough in the treatment of depression and paved the way for the development of subsequent antidepressants.

The Melian Dialogue: Questions and Answers

Paragraph 1:

Question: What is the Melian Dialogue? **Answer:** The Melian Dialogue is a philosophical dialogue written by the Greek historian Thucydides. It depicts a conversation between Athenian ambassadors and Melian leaders during the Peloponnesian War. The Athenians demand that the neutral island of Melos become their subject, while the Melians refuse.

Paragraph 2:

Question: What are the main arguments presented by the Athenians? **Answer:** The Athenians argue that they have a right to rule over Melos because they are stronger and have the most ships. They also claim that it is in Melos's own best interests to submit, as they will be spared destruction.

Paragraph 3:

Question: What are the main arguments presented by the Melians? **Answer:** The Melians argue that they have the right to be independent and that they have done nothing to deserve being conquered. They also point out that the Athenians' claim to justice is hollow, as they have already violated other treaties.

Paragraph 4:

Question: What is the outcome of the dialogue? **Answer:** Despite the Melians' arguments, the Athenians refuse to budge. They invade Melos and kill or enslave the entire population. The Melian Dialogue becomes a chilling example of the consequences for those who defy the powerful.

Paragraph 5:

Question: What is the broader significance of the Melian Dialogue? **Answer:** The dialogue has been interpreted in various ways over the centuries. Some see it as a reflection of the inevitable conflict between might and right. Others view it as a warning against the dangers of imperialism. The Melian Dialogue remains a relevant and thought-provoking work that raises fundamental questions about justice, power, and morality in international relations.

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