

$$(\log_a b)(\log_b a) = 1$$

$$\log_{a^n} b = \frac{\log_a b}{n}$$

$$a^{\log_b c} = c^{\log_b a}$$

$$\log_a \frac{1}{b} = \log_{\frac{1}{a}} b$$

Perdocere Math and Science Tutoring

Perdocere (Latin) "To Teach or Instruct Thoroughly"

$$\log_b (a+c) = \log_b a + \log_b \left(1 + \frac{c}{a}\right)$$

$$\log_b (a-c) = \log_b a + \log_b \left(1 - \frac{c}{a}\right)$$

One-on-One Academic Subject Tutoring & Standardized Test Preparation

Perdocere is proud, year after year, not only to have set the bar for the best tutoring in the region, but to continuously raise it. The most important validation is what parents and students have to say, so please take a moment to visit www.perdocere.com and read the substantial and growing list of parent and student testimonials.

- Academic Subject Tutoring for High School and Middle School students, Grades 6-12.
- Preparation for the SAT, PSAT, ACT, SAT Subject Tests, AP Exams, MCAS, etc.
- Qualifications: Ph.D. Harvard University, B.S. MIT, over 25 Years of Experience.

"George has been tutoring me for eight months. While he has a relaxed personality, he thoroughly explains all important concepts and makes sure that I full understand the topics before moving on. His knowledge is vast and I really enjoy working with him."

Westwood High School Student

"George has a superior understanding of higher mathematics and science which combined with his ability to communicate abstract subject matter to the kids is like no other teacher we have known. As for results, George has guided our son from mediocre to excelling. His high MCAS scores are a measure of his dramatic improvement. His SAT practice scores steadily climbed to impressive levels, and he gained 240 points on the SAT math. George mentors and provides guidance with understanding to his students. Our son has developed a strong sense of purpose to do well which we attribute in part, to his mentoring. We've had George tutor both our sons. George is the best gift you can ever give to your son or daughter."

Advanced Math & Science Academy Parents

"George is not an ordinary math teacher. Not only did my son receive phenomenal math tutoring, but George also boosted his confidence. I'd overhear George encouraging my son, 'Let's look at the problem carefully, it's easy...' By upping my son's self esteem, George was able to improve his score. George also built up my son's stamina by having him take full length practice tests so he'd be prepared for the actual SAT."

Medfield High School Parent



781-278-0084 781-769-MATH

www.perdocere.com

"Recognized as the Best Math and Science Tutoring by Parents and Students"

$$\log_e(-1) = i\pi$$

$$\log_e(0) = -\infty$$

$$\log_e(1) = 0$$

$$\log_e(e) = 1$$

$$\log_e(\pm i) = \pm i\pi / 2$$

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$$\lim_{x \rightarrow 0^+} x^b \log_a x = 0$$

$$\lim_{x \rightarrow \infty} \frac{1}{x^b} \log_a x = 0$$

$$\frac{d}{dx} \log_b x = \frac{1}{x \ln b}$$

$$\int \log_a x \, dx = \frac{x \ln x - x}{\ln a}$$

One-on-One Academic Subject Tutoring & Standardized Test Preparation

Perdocere is proud, year after year, to provide by far the very best private instruction for School Work and SAT, PSAT, and ACT math preparation. The most important validation is what parents and students have to say, so please take a moment to visit www.perdocere.com and read the substantial list of parent and student testimonials.

"George is the best math teacher I have ever had the pleasure of working with. Before I met George I had a 670 on my math SAT, and now I am getting 800's consistently. I owe it all to George because he is constantly pushing me to work hard to achieve my goals. He teaches me more than I need to know so that I understand all the math on a higher level. George has always supported me and has made me a better learner."

Westwood High School Student (800 SAT math)

"We just keep coming back for more! George has been working with at least one of our children for the past five years. He has firmly grounded them in mathematics and physics and has given them the confidence to handle any problem set that is assigned. Perfect or nearly-perfect SAT and SAT-II scores have also come the children's way during this time - and George can truly take credit for readying them for these standardized tests. He knows that strength in fundamentals and hard work are the most important variables in the success equation. George is an educator first and foremost. He explains concepts in a clear and concise manner and has a way of consistently reinforcing these concepts. He pushes his students to achieve... but always in an extremely supportive manner. George does what is necessary to ensure that his students understand what is being taught. He wants all of his students to succeed - and is truly vested in their success. In sum, we can't say enough good things about George... now if only we could clone George for the SAT critical reading."

Dover-Sherborn High School Parents

"Not only has George quickly and effectively helped my daughter to significantly raise her ACT math scores but he has boosted her confidence ten fold!"

Milton Academy Parent



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