

$$\sqrt[n]{x} = \frac{x}{x^{(n-1)/n}}$$

$$\sqrt[3]{x^7} \sqrt[4]{x^5} = x^{43/12}$$

$$\sqrt{x} = \sqrt[3]{x} \sqrt[3]{x} \sqrt[3]{x} \sqrt[3]{x} \dots$$

$$\sqrt{5+2\sqrt{6}} = \sqrt{2} + \sqrt{3}$$

Perdocere Math and Science Tutoring

Perdocere (Latin) "To Teach or Instruct Thoroughly"

$$\frac{9x+12}{x^2-16} = \frac{R}{x+4} + \frac{S}{x-4}$$

$$R-S=?$$

$$Q_{2 \times 2} = \begin{bmatrix} \cos \theta & -\sin \theta \\ \sin \theta & \cos \theta \end{bmatrix}$$

$$\sin 3x = 3 \sin x - 4 \sin^3 x$$

One-on-One Academic Subject Tutoring & Standardized Test Preparation Enrollment Now Open for the 2011-2012 Academic Year

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

"George enabled me to get an 800 on the math SAT and, for most parents, that may be all they need in a tutor. However, George isn't just an effective tutor, he actually cares about the student. When I first started with George math was my least favorite subject, mainly because I just didn't 'get it.' However, now, math is my strongest subject and I adore the class. George allowed me to not just 'get by' in my class, but to understand the material, and, through understanding excel. I can't recommend George enough on both a professional and personal level."

Westwood High School Student

"After the first couple of math tests at the beginning of my sophomore year of high school, I knew I needed help. After just a couple of sessions with George I immediately became a standout in the classroom, consistently on the verge of a perfect test. George rebuilt the foundation of my mathematical skills, allowing me to see the 'big' picture and to intertwine new ideas with old concepts. His ability to aid me in understanding the undercurrents of what my teacher was lecturing on in school allowed me to excel in the classroom. I have had George as a tutor for three years and he has inspired a sense of appreciation in the workings of mathematics that I am now considering pursuing the subject as a major in college."

Dover Sherborn High School Student

"Perdocere was distinctly more effective than the other tutoring organizations I tried. George helped focus my hard work and succeed where I had to."

Westwood High School Student

"We have had many tutors in the past and George by comparison is extraordinary. George's weekly sessions helped my high school boys achieve never before A's in their math classes. My husband and I were so impressed with his intelligence, dedication and patience. We highly recommend George!"

Medfield High School Parents



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

$$\frac{(x-h)^2}{a^2} - \frac{(y-k)^2}{b^2} = 1$$

$$e = \sqrt{1 + b^2/c^2}$$

$$x = h + a \sec t$$

$$y = k + b \tan t$$

$$r^2 = a \sec 2\theta$$

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$$-\frac{b}{2a} \pm i \frac{\sqrt{4ac - b^2}}{2a}$$

$$\sqrt[3]{1} = 1, -\frac{1}{2} \pm \frac{\sqrt{3}}{2}i$$

$$\ln(i) = -\ln(-i) = \frac{i\pi}{2}$$

$$\ln(-1) = \pm i\pi$$

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Perdocere is proud, year after year, to provide 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 by far the best teacher I've ever had! The way he teaches and presents the material is unlike anything I've come across. I'm not sure why I've never witnessed this way of teaching before, because it clearly works! The math really does become clear with George at the reins. When I look at any sort of math problem, I can truly say I understand all the pieces and how they interact. My way of thinking about math has always been a way that has irritated and frustrated my teachers because I don't always catch on as fast as the other students would. George is able to pick up on this and teach the math at any angle to suite my learning style. I am highly confident that he will do the same for you!"

Lawrence Academy Student

"The children never complain that George is boring or off topic or that he is a waste of their time, and they would if they thought that. Almost any other teacher or tutor did elicit those comments sooner or later from the same children. They tell us that even though George makes them work hard, the effort is worthwhile and that they are being exposed to something uniquely valuable and not duplicative of school work."

Westwood High School Parent

"800 - we thought that sort of score was something unattainable - something that only a few gifted students achieved. And now our son (who we love dearly but never considered to be a particularly gifted math student) has brought home 800s twice - once on the SAT and once on the SAT Math IIC. We attribute so much of this achievement to George. He restructured fundamentals and taught our son to enjoy math once again. George consistently challenged and pushed - but never too much. He displayed patience and a wonderful gift for explaining things. As our son told us, George not only works through problems but teaches how everything evolved and why everything is what it is. We couldn't ask for a better teacher. We really don't have enough adjectives to describe George's teaching ability. He is absolutely the best teacher that we have ever seen!!!

George - your job with number one son is almost done - it is now time to move to number two."

Dover-Sherborn High School Parents



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