

$$y = ax^2 + bx + c$$

$$D = b^2 - 4ac$$

$$(h, k) = \left(\frac{-b}{2a}, \frac{-D}{4a} \right)$$

$$a = \frac{1}{4p} = \frac{(y-k)}{(x-h)^2}$$

Perdocere Math and Science Tutoring

Perdocere (Latin) "To Teach or Instruct Thoroughly"

18	1	12
4	6	9
3	36	2

$$18 \cdot 1 \cdot 12 = 216 \quad 1 \cdot 6 \cdot 36 = 216$$

$$4 \cdot 6 \cdot 9 = 216 \quad 12 \cdot 9 \cdot 2 = 216$$

$$3 \cdot 36 \cdot 2 = 216 \quad 18 \cdot 6 \cdot 2 = 216$$

$$18 \cdot 4 \cdot 3 = 216 \quad 12 \cdot 6 \cdot 3 = 216$$

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, 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

"George has been tutoring me since the eighth grade. Ever since we started working together, my grades have increased dramatically in math class. I like the approach George takes to tutoring. Unlike the teachers at school, George will teach you thoroughly, no matter how complicated the task. In eighth grade I was barely passing my math class. George has shown me that I am capable of getting A's; it just depends on how well you're taught the material. The following year I got a 93% on my Algebra I final. George's charismatic attitude is a huge part of what makes him so special. Math class in school is generally like going to the dentist. It isn't remotely pleasant, but you've got to do it. George somehow makes the experience an absolute pleasure. I look forward to our meetings. I'm confident that George has the intelligence, experience, and the overall talent to teach most anyone with excellent results. Believe it or not, not everyone is up to the task of teaching math. I can say whole-heartedly that I believe George is, and then some."

Walpole High School Student



781-278-0084 781-769-MATH

www.perdocere.com

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

8	1	6
3	5	7
4	9	2

$$8+1+6=15 \quad 1+5+9=15$$

$$3+5+7=15 \quad 6+7+2=15$$

$$4+9+2=15 \quad 8+5+2=15$$

$$8+3+4=15 \quad 6+5+4=15$$

Perdocere Math and Science Tutoring

Perdocere (Latin) "To Teach or Instruct Thoroughly"

$$\begin{array}{ccc|c} x_1^2 & x_1 & 1 & y_1 \\ x_2^2 & x_2 & 1 & y_2 \\ x_3^2 & x_3 & 1 & y_3 \end{array}$$

$$\rightarrow \begin{array}{ccc|c} 1 & 0 & 0 & a \\ 0 & 1 & 0 & b \\ 0 & 0 & 1 & c \end{array}$$

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

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.

"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

"George is working math-a-magic with my daughter! She so enjoys her sessions that she not only laughs with interest as she progresses, but she also giggles in surprise as she learns from her mistakes. She is advancing at a tremendous rate; and this from a child who never before knew math without tears."

Dana Hall Middle School Parent

"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

"George has been more than a math tutor for me. He has not only taught me everything I need to know to succeed in math class and on the SAT, he has also become a best friend during the process."

Xaverian Brothers High School Student



781-278-0084 781-769-MATH

www.perdocere.com

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