

## Class Profile

I have taught math for over 12 years and currently teach high school Geometry and Algebra II and have students with a wide range of academic skills. In my Algebra II class I have 10th-12th graders.

## Introduction

I spent time during class to have all students log in to Tutor.com to work on a review for a test.

This allowed the students to be able to see how to log into the program and get one-on-one help working through the review questions.

## Impact

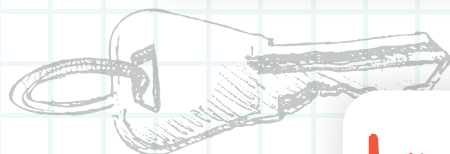
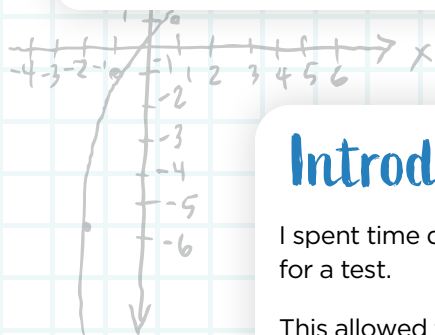
The best thing about using Tutor.com in a class is the fact that all 36 students can get one-to-one help. Students have been able to learn how to use this, which allows them to access it anytime they need to.

Some of my students have chosen to use it outside of the classroom and even during additional review time in the classroom.

## Tips and Tricks

When assigning work to the whole class, make sure to be as clear as possible with students on what the subject matter is and include the full question in the session request.

This helps ensure that the tutor who accepted the session has the background information needed to support the student in solving the problem, rather than having to transfer the session to another tutor.



$$\frac{d}{dt}(uv) = u \frac{dv}{dt} + v \frac{du}{dt}$$

$$\frac{d}{dt}\left(\frac{u}{v}\right) = \frac{v \frac{du}{dt} - u \frac{dv}{dt}}{v^2}$$

Let  $u = \phi(t)$ ,  
and  $y = f(u) = f[\phi(t)] = F(t)$

Then  $\frac{dy}{dt} = \frac{dy}{du} \cdot \frac{du}{dt}$ , or

$$F'(t) = f'(\phi(t)) \cdot \phi'(t) = f'(u) \cdot \phi'(t)$$

$$\frac{d}{dt}(t^n) = nt^{n-1}, \quad \int t^n dt = \frac{t^{n+1}}{n+1} + C$$

$$\frac{d}{dt}(e^{at}) = ae^{at}, \quad \int e^{at} dt = \frac{1}{a}e^{at} + C$$

$$y = mx + b$$