

Algebra: Factoring

HIGH SCHOOL MATH

OVERVIEW

Through the use of ReddyNote, students will enter two assignments due weekly, as well as a quiz on Friday. Daily homework assignments will also be 'tabbed,' which can be completed in class. As each student completes a task, they will be able to sign on to their ReddyNote account and keep track of what they have done and what they have to do. This organization should facilitate effective learning strategies and give the students an opportunity to keep track of assignments they have missed due to absences; so they can go back and not miss anything for the test.

OBJECTIVE

As everyone knows, there is a plethora of formulas, laws, and steps to follow while factoring in Algebra. This information can get overwhelming, but with the help of ReddyNote, students will be able to go back and look at specific assignments, enabling them to "teach", or remind, themselves without the help of a teacher. Students should understand all material that comes up on the exam and be able to factor to the best of their abilities.

STANDARDS

High School Standards: Relations and Functions

By learning to draw and interpret relations, as well as polynomial, rational, algebraic, and absolute value functions, students learn to simplify and manipulate functions. They are able to explain important functional concepts such as domain, range, intercept, and pole. They gain an understanding of the relationships between the solutions of an equation, the zeros of a function, the x-intercepts of a graph, and the factors of a polynomial.

MATERIALS

- ❖ Internet access
- ❖ Computer Lab with a computer for each student
- ❖ Formula/steps sheet
- ❖ Notebook

PROCEDURE

1. Handouts will be given to each student with formulas that will be used throughout the lesson. They will have the option of putting these into their ReddyNote account for easy use and reference while entering/completing their assignments.
2. A schedule will be given to each student with assignment due dates which also should be entered into ReddyNote.
3. Three days (M,T,W) will be used for active work in the class, as well as explanations of the material by the

	instructor. Thursday will be a review day, and Friday will be the weekly quiz.
EVALUATION	Students will be given a quiz at the end of each week, which entails information of a particular facet of factoring (polynomials, trinomials, ect.). They will also be given a test at the end of the segment.
