

Solving for Variables Review

Grades 8-9 (Or Algebra I)

Overview	<ul style="list-style-type: none">• Students will learn how to spot math mistakes in other student's work and how to correct these mistakes.• Students will gain a better understanding of the math they completed by working through the problems other students had.
Objective	<ul style="list-style-type: none">• Students will review and make corrections to a worksheet the class completed as homework for today.• Students will correctly locate and revise incorrect equations in their peers' homework.
Standards ¹	<ul style="list-style-type: none">• A1.2.1 Solve linear equations.• A1.2.2 Solve equations and formulas for a specified variable.• A1.2.3 Find solution sets of linear inequalities when possible numbers are given for the variable.• A1.2.4 Solve linear inequalities using properties of order.• A1.2.5 Solve combined linear inequalities.
Materials	<ul style="list-style-type: none">• Math Notes• Computer with Internet• Crocodoc.com²
Procedures	<ul style="list-style-type: none">• Students will have done their homework in Microsoft word and uploaded the homework into Crocodoc.com before coming to class.• Students will receive the URL from classmate to their online submission.• Students will look over the assignment and use Crocodoc's various editing tools to add comments and cross out mistakes.• Students will look over their own homework again on Crocodoc and make the necessary changes.• After making the changes, they will print out their document and hand it in for formal grading.
Evaluation	<ul style="list-style-type: none">• Students will be graded on their use of Crocodoc during the class; three comments must be made, even if the paper they edit is perfect.• Students will receive an 80% or higher on the homework they resubmitted to the teacher.

¹ <http://www.indianastandards.org>

² <http://www.crocodoc.com>