8-8-2006

Sales Tax with STELLA

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Math 8
Lesson Plan 4

Standards: 8.N.3   Read, write, and identify percents less than 1% and greater than 100%

8.N.4   Apply percent to: Tax/ Discount

Materials: Laptop
Projector
Smart Board

Objective: Students will learn how to apply discounts and calculate sales tax. This is a fun activity in preparation for the New York State Exam!!!!!!!!

Bell work: Students will review how to convert a decimal to a percent and a percent to a decimal.

Teacher Directive/Work Time: The class will be divided into six groups consisting of four or five students. The teacher will display the three different styles of shoes along with the prices, discounts and tax rate. The teacher will give the class several different scenarios (see below). As a group they have to decide upon the quantity and style of shoes that they will purchase. Each group will calculate their grand total based on the given information. Once the group has calculated their grand total they will use the smart board to check their answer against the Stella model.

Example Scenario 1:
Shoe # 1 is $ 60
Shoe # 2 is 80. It is on sale for 10% off the original price.
Shoe # 3 is 100.
Tax Rate is 7.25%

Closure: Students will be able to describe in their journal how to calculate discount, tax, and find the total cost.