



Shopping Project

Content Standard: Number and Measurement

Anticipatory Set: “Before I go shopping I compare prices to see which store has the best buy on the items I am planning to buy. How can we compare prices on items that are different sizes?”

Objective: Given the “Shopping Project” Frame and ads from supermarkets, students will record the prices of 5 items and calculate the unit price of each item showing their calculations with 75% accuracy. They will compare to find the item with the best unit price and analyze any patterns they find.

Purpose: The purpose is to have the students apply their knowledge of unit pricing by simplifying fractions to their lowest terms and to see how it applies to real life.

Input: When we shop for the best price we need to compare unit prices. First you put the price over the amount of ounces and then reduce to lowest terms by dividing the numerator and denominator by the amount of ounces. First you need to go shopping and find 5 items sold by the ounces. Then you need to write them as fractions and reduce to lowest terms. Then you will need to compare the fractions to find the item with the best unit price.

Model: I will pick one item from the paper and write it as a fraction Price/Ounces.

Guided Practice: The students will work on their “Shopping Frame” to calculate the unit prices Of the 5 items they choose. Then they will find the “Best Buy”

Check for Understanding They will show me their first unit price before they go on.

Independent Practice: The students will work on their own “Shopping Frame” as they discuss their work with their team.

Closure: One student from each group will share their best unit price and explain how they got their answer.

Materials, Resources, and Equipment:

Math book for a resource.

Shopping Frame.

Ads from newspapers.