

Math
Sixth Grade
On Sale

Skills: Problem Solving
Calculating sale prices

Task:

1. Students are required to collect, analyze, compute and record information as they purchase a shirt and a pants card.
2. The student calculates the price of the pants and the price of the shirt using the original price and percentage off tags. (They show their work on notebook paper.)
3. The student records the price on the answer form.
4. Then the student writes the appropriate symbol (< or >) in the blank to tell which item has the lower price.
5. The student repeats the process until all cards in a set have been used. (Sometimes I have to limit this based on the time allotted for class.) Students are encouraged to check their answers for reasonableness.

Bonus: If time allows, students may use the "blank" percentages page to design their own problems. Students will need to determine the percentage (reasonable percentages may need to be discussed) and show how to calculate the sale price of the shirt and pants.

*Students may use a calculator to check their work.

Materials: Answer form
On Sale cards (pants/shirts)
Pencil
Calculator

Discussion questions:

*What is the best discount you have ever received when buying something? _____

*Explain how percents were used? _____

*How can estimation be used when calculating a sale price for an item?

Revision:

In words, write a step by step account of how you solved the sale price for a shirt and pair of pants.

