

Area – Consumer and Family Resources
Problem –Computing the Cost of a New Car

Standards

SD FACS Standard

FCS 7.1.8

Apply consumer information for acquiring and maintaining transportation to meet the needs of individuals and family members.

SD Mathematics Standards

Math 9-12.N.2.1

Add, subtract, multiply, and divide real numbers including integral exponents.

Problem

Shelly Hammon is buying a new car that has a sticker price of \$23,575. The manufacturer is offering a \$1000 rebate and the dealer is offering an additional \$500 discount.

Compute the price of the car by subtracting the rebate and dealer discount from the sticker price. **Sale price = \$_____**

Compute the percentage saved by dividing the rebate plus the discount by the sticker price. Round answer to the nearest 1/10th percent.

%Saved = _____

Shelly was allowed \$6000 trade-in on her old car. The dealer charged a \$40 documentation fee and sales tax was 6%. Compute the cash price of Shelly’s new car. Sales tax= [(Sale price + documentation fee) – trade-in allowance] X sales tax rate. Compute the cash price.

Cash price = \$_____

What will you need?

Calculator

Answer Key

How will you be evaluated?

Key with correct answers