

Name:

Period:

Date

Time Required: 15 minutes



Deal or No Deal: Understanding Car Loans

LESSON 3: STUDENT ACTIVITY SHEET

Down payment, interest rate, loan term—the lingo involved with buying a car can seem overwhelming. Find out more about the car-buying process and terminology by following the steps below.

STEP 1: Decide on a make and model. Visit truecar.com or Edmunds.com to find the price of the car you would like to buy; then record it here.

Total purchase price: \$

STEP 2: Determine how much money you will need to borrow. Subtract the money you have for a **down payment** (the amount you give to the dealer on the day of purchase) from the total purchase price. For this exercise, imagine you have saved \$5,000 for a down payment. The resulting total is the loan principal; record that amount here and in the chart below.

Loan principle: \$

STEP 3: Get quotes from several lenders. The term and interest rate of the loan will vary and both of these factors will affect your monthly payment. (For this exercise, pretend that you have received the rates below.)

STEP 4: Calculate your monthly payments and total amounts paid. Your monthly payment is your principal divided by the number of months in your loan term, and then multiplied by your interest rate. Next, multiply the monthly payment by the loan term to determine the total amount paid. Record your monthly payments and final amounts paid in the chart below.

To find the monthly payment: Divide loan principal by number of month then multiply by the interest rate. (See example below)

Lender	Loan Principal	Loan Term	Interest Rate	Monthly Payment	Total Amount Paid
Scenario 1		36 months	6.75%		
Scenario 2		48 months	4.75%		
Scenario 3		48 months	5.99%		
Scenario 4		60 months	3.25%		
Scenario 5		72 months	2.25%		

More Questions to Ask When Buying a Car:

What's the gas mileage? Cars with a higher gas mileage require less fuel.

Why do you need a car? A long commute or a big family could affect your choice.

What's the resale value? Some used cars are more desirable than others—visit kbb.com to find the resale value of yours.

How long do I plan on needing a car? This may influence how much debt you decide to take on.

Can I find a better price? Costs vary—do your research to get the best price.

STEP 5: Decide which loan makes the most sense for you. Which do you think is the best option above? Why?

Step 1 Monthly Payment without Interest: $\$15,000/48 = \312.5

Step 2 Interest: $\$312.5 * 4.25\%(0.0425) = \13.28

These numbers are examples only

Step 3 Total Monthly Payment: $\$312.5 + \$13.28 = \$325.78$