

Car Depreciation Project

Choose a car.

Make _____

Model _____

Series _____

Body Style _____

Find new and used car prices at www.kbb.com

1. For your car find for the past five years or more the acceptable mileage and the average retail sales price. Include either no accessory options or the same accessory options for each year.
2. Organize your data into a table with age in the first column and price in the second column.
3. Use your data to find an equation for the price vs. age of the car. _____
4. What is the depreciation rate? _____
5. If the trend continues what will be the price of the car when it is ten years old?

6. Draw a graph of your car's price vs. age from the time it is new until it is ten years old.