

Name _____

Date _____

**Owning a Car Math
Worksheet : Version 1**

1. Mr. Henry has great interest in a new car. He wants to buy 4-door SUV listed below. He has visited the nearest dealer. If Mr. Henry pays full sticker price for the car, calculate the total cost.

CODE	DESCRIPTION	LIST PRICE
A1	SUV 4DR.	\$15,000
B1	Air conditioner	\$100
C1	Stereo	\$50
C22	Tinted glass	\$100
E1	Destination charge	\$400

2. Mrs. John loves her sports car. Her sports car is very old and now she wants to buy a new one. She visited the nearest trader to check the sports sedan car. If she pays full sticker price what price she needs to pay to the trader.

CODE	DESCRIPTION	LIST PRICE
A10	luxury 4DR.	\$50,000
B12	Air conditioner	\$500
C134	Stereo	\$100
C221	Tinted glass	\$300
D12	Alloy wheels	\$1,000
E12	Destination charge	\$800

3. Mr. and Mrs. Henry wants to replace their old car with a new car. The total cost of the options is \$10,000. The sticker price of the car is \$20,000.90. Destination charge is \$290.50. Dealer's cost is equal to the 30% of the base price and 60% of the options charge.

- a) Find the base price.
- b) Find the dealer's cost.

4. Drake wants to buy a SUV car that has a base price of \$30,000. The total cost of the options calculated was \$2,120, and the destination charges \$2,035. The dealer cost is estimated to be 90% of the base price and 75% of the price of the options charge. What will drake pay if he can buy the vehicle for \$100 under the dealer's cost?

