

**Vehicle Sticker Price****Numeric Response**

1. Billy Bob wants to buy a car. The dealer told him that the value of his trade in is \$4,300. The sales tax for the purchase is 7%. If Billy decides to purchase the car with this window sticker, how much will the transaction be with sales tax included? Express your answer as a dollar amount to the nearest cent.

Code	Description	List Price
A9	Sport sedan 4 dr	\$18,331.24
B12	Metallic finish	288.78
IG4	Automatic transmission	877.56
AC5	Air-conditioning	1064.42
TG4	Tinted glass	126.81
S12	Stereo AM/FM CD	244.04
RT3	Radials - performance series	284.57
DC2	Destination charge	202.97

2. Billy Bob wants to buy a car. The dealer told him that the value of his trade in is \$3,400. The sales tax for the purchase is 4%. If Billy decides to purchase the car with this window sticker, how much will the transaction be with sales tax included? Express your answer as a dollar amount to the nearest cent.

Code	Description	List Price
A9	Sport sedan 4 dr	\$18,662.57
B12	Metallic finish	231.99
IG4	Automatic transmission	899.53
AC5	Air-conditioning	1064.94
TG4	Tinted glass	103.02
S12	Stereo AM/FM CD	222.68
RT3	Radials - performance series	244.25
DC2	Destination charge	211.46

3. Jenny Jo wants to buy a car. She has decided to get the minivan with an automatic transmission, air-conditioning, and tinted glass. How much will the price of the minivan be before taxes? Express your answer as a dollar amount to the nearest cent.

Code	Description	List Price
A10	Minivan	\$31,099.65
WM7	Weatherguard floor mats	276.00
IG4	Automatic transmission	820.54
AC5	Air-conditioning	1074.89
TG4	Tinted glass	83.07
SS2	Premium sound system	212.66
EC4	Entertainment center	208.90
DC2	Destination charge	200.75

4. Jenny Jo wants to buy a car. She has decided to get the minivan with an automatic transmission, air-conditioning, and tinted glass. How much will the price of the minivan be before taxes? Express your answer as a dollar amount to the nearest cent.

Code	Description	List Price
A10	Minivan	\$27,284.70
WM7	Weatherguard floor mats	223.24
IG4	Automatic transmission	802.01
AC5	Air-conditioning	926.06
TG4	Tinted glass	137.69
SS2	Premium sound system	216.93
EC4	Entertainment center	238.30
DC2	Destination charge	231.10

5. Lilly Lee wants to buy a car. The dealership is offering vehicles with \$6,500 off the base price. If Lilly decides to purchase the car with this window sticker, how much will the transaction be before taxes? Express your answer as a dollar amount to the nearest cent.

Code	Description	List Price
A9	Sport coupe	\$22,935.20
B12	Metallic finish	249.29
IG4	Automatic transmission	852.48
AC5	Air-conditioning	979.45
TG4	Tinted glass	103.18
S12	Stereo AM/FM CD	238.92
RT3	Radials - performance series	236.38
DC2	Destination charge	195.34

6. Jimmy is trading in his car. When he looked up the average market values, he found the chart below. Jimmy's car has a 4 cylinder engine, automatic transmission, air conditioning, alloy wheels, and leather seats. There is no deduction for mileage on his vehicle. According to the chart, what is the value of Jimmy's trade-in?

	Average trade-in	Average loan	Average retail
<i>Jimmy's car</i>	\$4,955	\$4,036	\$7,168
<i>Add Leather seats</i>	160	160	170
<i>Add Power windows</i>	175	135	225
<i>Add Cruise</i>	105	105	105
<i>Add Alloy wheels</i>	730	640	770
<i>Ded Manual transmission</i>	435	435	490
<i>Ded w/o Air conditioning</i>	460	460	630
<i>Ded 4 Cylinder engine</i>	525	520	615

7. Jill would like to get a loan to purchase a car. When she looked up the average market values, she found the chart below. Jill's car has a 6 cylinder engine, manual transmission, air conditioning, cruise, and leather seats. There is no deduction for mileage on this vehicle. According to the chart, what is the loan value of Jill's car?

	Average trade-in	Average loan	Average retail
<i>Jill's car</i>	\$5,854	\$5,136	\$7,051
<i>Add Leather seats</i>	155	155	190
<i>Add Power windows</i>	210	185	215
<i>Add Cruise</i>	80	80	80
<i>Add Alloy wheels</i>	605	550	640
<i>Ded Manual transmission</i>	305	305	365
<i>Ded w/o Air conditioning</i>	420	420	535
<i>Ded 4 Cylinder engine</i>	585	580	665

8. Jane would like to get a used car. When she looked up the average market values, she found the chart below. Jane will be buying from a dealer and the car she found has a 6 cylinder engine, automatic transmission, no air conditioning, alloy wheels, and leather seats. There is no deduction for mileage on this vehicle. According to the chart, what is the average retail price of Jane's car?

	Average trade-in	Average loan	Average retail
<i>Jane's car</i>	\$9,478	\$8,748	\$11,051
<i>Add Leather seats</i>	130	130	135
<i>Add Power windows</i>	160	135	200
<i>Add Cruise</i>	85	85	85
<i>Add Alloy wheels</i>	690	645	740
<i>Ded Manual transmission</i>	320	320	365
<i>Ded w/o Air conditioning</i>	470	470	525
<i>Ded 4 Cylinder engine</i>	545	540	630

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Answer Section****NUMERIC RESPONSE**

1. ANS: 18,318.82

PTS: 1

2. ANS: 18,970.06

PTS: 1

3. ANS: 33,278.90

PTS: 1

4. ANS: 29,381.56

PTS: 1

5. ANS: 19,290.24

PTS: 1

6. ANS: 5,320

PTS: 1

7. ANS: 5,066

PTS: 1

8. ANS: 11,401

PTS: 1

