

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 \$3,200. 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	\$21,940.98
B12	Metallic finish	205.79
IG4	Automatic transmission	858.80
AC5	Air-conditioning	999.40
TG4	Tinted glass	120.21
S12	Stereo AM/FM CD	278.63
RT3	Radials - performance series	203.83
DC2	Destination charge	231.15

2. Billy Bob wants to buy a car. The dealer told him that the value of his trade in is \$6,000. The sales tax for the purchase is 6%. 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	\$21,351.05
B12	Metallic finish	281.36
IG4	Automatic transmission	882.25
AC5	Air-conditioning	935.73
TG4	Tinted glass	115.03
S12	Stereo AM/FM CD	203.67
RT3	Radials - performance series	290.96
DC2	Destination charge	222.18

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	\$29,274.87
WM7	Weatherguard floor mats	262.32
IG4	Automatic transmission	802.33
AC5	Air-conditioning	1102.17
TG4	Tinted glass	137.08
SS2	Premium sound system	209.79
EC4	Entertainment center	292.90
DC2	Destination charge	207.61

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	\$32,940.94
WM7	Weatherguard floor mats	174.92
IG4	Automatic transmission	843.86
AC5	Air-conditioning	1002.77
TG4	Tinted glass	128.23
SS2	Premium sound system	261.57
EC4	Entertainment center	225.13
DC2	Destination charge	186.66

5. Lilly Lee wants to buy a car. The dealership is offering vehicles with \$5,200 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	\$20,648.62
B12	Metallic finish	239.99
IG4	Automatic transmission	842.90
AC5	Air-conditioning	1099.27
TG4	Tinted glass	115.11
S12	Stereo AM/FM CD	238.18
RT3	Radials - performance series	285.46
DC2	Destination charge	260.82

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>	\$6,883	\$6,360	\$8,137
<i>Add Leather seats</i>	275	275	365
<i>Add Power windows</i>	190	140	210
<i>Add Cruise</i>	115	115	115
<i>Add Alloy wheels</i>	595	540	600
<i>Ded Manual transmission</i>	485	485	620
<i>Ded w/o Air conditioning</i>	495	495	610
<i>Ded 4 Cylinder engine</i>	605	550	635

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>	\$8,296	\$6,857	\$10,516
<i>Add Leather seats</i>	300	300	335
<i>Add Power windows</i>	240	195	245
<i>Add Cruise</i>	80	80	80
<i>Add Alloy wheels</i>	600	595	640
<i>Ded Manual transmission</i>	425	425	430
<i>Ded w/o Air conditioning</i>	475	475	605
<i>Ded 4 Cylinder engine</i>	645	565	720

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>	\$10,023	\$8,574	\$12,817
<i>Add Leather seats</i>	260	260	350
<i>Add Power windows</i>	210	190	245
<i>Add Cruise</i>	115	115	115
<i>Add Alloy wheels</i>	605	540	610
<i>Ded Manual transmission</i>	465	465	690
<i>Ded w/o Air conditioning</i>	480	480	620
<i>Ded 4 Cylinder engine</i>	660	595	695

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Answer Section****NUMERIC RESPONSE**

1. ANS: 23,153.51

PTS: 1

2. ANS: 19,379.16

PTS: 1

3. ANS: 31,524.06

PTS: 1

4. ANS: 35,102.46

PTS: 1

5. ANS: 18,530.35

PTS: 1

6. ANS: 7,148

PTS: 1

7. ANS: 6,812

PTS: 1

8. ANS: 13,157

PTS: 1

