

- 5) If the sales tax rate is 7.25% in California, then how much would you pay in Los Angeles for a pair of shoes that cost \$39.00?

$$39.00 \times .0725 = \begin{cases} \text{OR} \\ \$2.83 \end{cases} \quad 39.00 \times 1.0725 = \$41.83$$

$$39.00 + 2.83 = \$41.83$$

- 6) The price of a new car is \$29,990. If the sales tax rate is 6.5%, then how much sales tax is being charged? What is the total cost for the car including tax?

$$29,990 \times .065 = \$1,949.35 \leftarrow \text{tax}$$

$$29,990 + 1,949.35 = \$31,939.35 \leftarrow \text{total cost}$$

- 7) If the sales tax rate is 7.375% in New York State, then how much sales tax would you pay in Albany for a \$34 pair of pants?

$$34 \times .07375 = \$2.51 \leftarrow \text{tax}$$

- 8) At best buy they have a 42" TV that sells for \$1250 and is on sale for 15% and sales tax is 6.5%. What is the final cost

$$1,250 \times .15 = \$187.50 \leftarrow \text{discount}$$

$$1,250 - 187.50 = \$1,062.50$$

$$1,062.50 \times .065 = \$69.06 \leftarrow \text{tax}$$

$$1,062.50 + 69.06 = \$1,131.56 \text{ total}$$

- 9) If your cell phone bill was \$67.82 and there is a 7.5% late fee, how much will your bill be?

$$67.82 \times .075 = \$5.09 \leftarrow \text{late fee}$$

$$67.82 + 5.09 = \$72.91 \leftarrow \text{how much your bill will be}$$

- 10) If you go out to eat with 3 friends and your meal was \$72.50, there is 6.75% sales tax and you should tip the waiter 15%. How much should each person pay?

$$72.50 \times .0675 = \$4.87 \leftarrow \text{tax}$$

$$72.50 + 4.87 = \$77.37 \leftarrow \text{total}$$

$$77.37 \div 3 = \$25.79$$

Each person should tip 15%!

$$25.79 \times .15 = \$3.87$$

$$25.79 + 3.87 = \$29.66 \text{ EACH!}$$