

POD: Solve these two problems.

- 1.) Mike buys a new computer. It is priced for **\$599**, but it is on sale for **12% off**. He needs to pay a **6.5% sales tax**. How much does he pay for the computer?

$$12\% = .12$$

$$6.5\% = .065$$

$$1. 599 (.12) = 71.88$$

$$2. 599 - 71.88 = 527.12 \text{ (subtotal)}$$

$$3. 527.12 (.065) = 34.26 \text{ tax}$$

$$4. 34.26 + 527.12 = 561.38$$

- 2.) Brad goes out to dinner. His meal costs **\$25**, but he has a coupon for **10% off**. Then, he decides to leave the waitress an **18% tip**. How much does Brad pay for dinner.

$$10\% = .10$$

$$1. 25 (.10) = 2.50 \text{ discount}$$

$$2. 25.00 - 2.50 = 22.50 \text{ subtotal}$$

$$3. 22.50 (.18) = 4.05 \text{ tip}$$

$$4. 22.50 + 4.05 = 26.55$$