

**162 Quiz 1**

**Name** \_\_\_\_\_

1. You rent a car and discover there is a 9% tax on all rental cars. What single number would you multiply the base price by to get the final price?
2. All items in a store are marked down by 20%. What single number would you multiply the original price by to get the sales price?
3. After a 20% discount a pair of shoes is priced at \$56.00. What was the price before the discount?
4. Suppose a car decreases in value by 10% a year. What number would you multiply the original value by to find the value after one year?
5. What number would you multiply the original value by to find the value after 2 years?