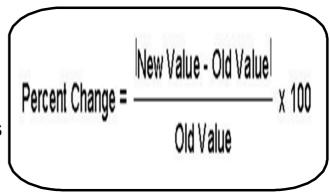
MIDTERM REVIEW DAY 2

TOPIC 1: PERCENT OF CHANGE

STEPS:

- 1. Subtract the new value and the old value. *This answer must always be **positive**!* (Flip the sign if it is negative)
- 2. Divide by the old value
- 3. Multiply by 100
- 4. Round appropriately!



L *MEMORIZE THIS!* L

TOPIC 2: DISCOUNTS AND TAX



DISCOUNTS

- 1. Calculate total
- 2. Change percent to a decimal (Divide by 100)
- 3. Multiply decimal by total
- 4. **SUBTRACT** that from total
- 5. **SUBTRACT** any additional cash discounts

TAX

- 1. Calculate total
- 2. Apply any discounts
- 3. Change percent to a decimal (Divide by 100)
- 4. Multiply decimal by total
- 5. ADD to total amount



TOPIC 3: SIMPLE INTEREST

STEPS:

- 1. Use formula to calculate interest
- 2. **ADD** interest to starting amount



Where:

I = the Interest Money created in dollars

P = the "Principal" starting amount of money

R = the Interest Rate per year (in decimal form)

T = the Time the money is Invested, or Borrowed, in Years

