1. Define a percentage as per 100

Example: x% = x/100

1. Review: conversion Fraction ,Decimal , Percentage
	* + 1. %- fraction (over 100)
			2. %-decimal (divide 100)
			3. Fraction/decimal-% (x100)
2. Find x% of quantity $\frac{x}{100}×Quantity$
3. Write x as a percent of a quantity $\frac{x}{quantity }×100$
4. Find the percentage increase and decrease $\frac{Change}{original}×100$
5. Increase/ decrease an original quantity by a percentage $ New=original ×\left(100 \pm x\right)\%$
6. Repeated percentages ( consecutive increase/ decreses) $\left(100 \pm x\right)\%^{n}$
7. Reverse percentage ( find original amount) $original=New ×\left(100 \pm x\right)\%$
8. Real life problems involving percentage
	* + 1. Tax & Discount
			2. Profit & Loss
			3. Appreciation& Depreciation
			4. Simple & Compound Interest

**PERCENTAGE TEST**

October 1st 2013