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| **FINDING PERCENT INCREASE/DECREASE** |
| **Write down the Formula** | **Find the PART****(The amount of the change)** | **Use Formula****(Solve for Percent)** |
| $Part=Percent(Whole$) | Subtract.PART $=$ starting (initial) amount $–$ the ending (final) amount | $Part=Percent (Whole$)Amount InitialOf Amount Thechange |

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| Find the **PART** of the totalEx.) What is 5% of 50? | Find the **TOTAL** given the partEx.) 5 is 10% of what number? | Find the **PERCENT** given the part and the wholeEx.) 10 is what percent of 80? |
| $$PART=PERCENT (WHOLE)$$$$PART=0.05 (50)$$$$PART=2.5$$ | $$PART=PERCENT (WHOLE)$$$$5=0.10 (WHOLE)$$$$\frac{5}{0.1}=WHOLE=50$$ | $$10=PERCENT (80)$$$$\frac{10}{80}=PERCENT$$$$\frac{1}{8}=0.125=12.5\%$$ |

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| **FINDING FINAL PRICE** |
| **Find Discount** | **Find total sale price** | **Find Sales Tax** | **Finding total****(discount and sales tax)** |
| **Find the percent of the number** | **Subtract** | **Find the percent of the price** | **Add** |
| * Change % to decimal
* **Multiply**
* Round answer to hundredths
 | * Subtract discount from your original total
 | * Use answer from sale price if you had to take a discount
* Change % to a decimal
* **Multiply**
* Round answer to hundredths
 | Add your tax to the sale price you found (NOT your original) |