

**SOLVING PERCENT PROBLEMS SUCH AS PERCENT OF INCREASE/DECREASE
(DISCOUNTS, ORIGINAL PRICE, RATE OF DISCOUNT, SALE PRICE, MARKED-UP PRICE),
COMMISSION, SALES TAX, AND SIMPLE INTEREST.**

ACTIVITY 1

DIRECTIONS : Solve for the following.

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| _____ 1. 500 increased by 20% | _____ 6. 60 decreased by 25% |
| _____ 2. 75 increased by 5% | _____ 7. 125 decreased by 30% |
| _____ 3. 12 increased by 75% | _____ 8. 1500 decreased by 50% |
| _____ 4. 1000 increased by 7% | _____ 9. 77 decreased by 10% |
| _____ 5. 200 increased by 10% | _____ 10. 150 decreased by 18 |

ACTIVITY 2

DIRECTIONS: Read each given problem. Analyze and solve each problem below.

1. A store sells a CD player that is originally sold for P3,000 but is now on sale at 15% off.
 - a. What is the amount of discount?
 - b. What is the sale price?
2. Mr. Guevarra's salary last year was P15,000. This year his salary has increased by 10%.
 - a. Find the amount of increase.
 - b. Find his new salary.
3. The population of a town increased from 22,000 to 26,000.
 - a. Find the amount of increase.
 - b. Find the percent of increase.

Specific Week: Week 4

Target Competencies: Solving percent problems such as percent of increase/decrease (discounts, original price, rate of discount, sale price, marked-up price), commission, sales tax, and simple interest