

## **Number and Operations**

**Goal: The learner will understand and compute with rational numbers**

**Objective:**

**1.07 Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil.**

To achieve this objective, students should:

- Use strategies such as making a table or diagram, using guess-and-check, looking for patterns, simplifying the problem, and working backwards to solve problems.
- Use strategies such as decomposing numbers, estimation, and compensation to solve problems using mental computation.
- Use calculators or computer and paper and pencil as appropriate to aid in problem solving.
- Communicate their understanding of rational numbers as relating to problem solving through oral and written explanations using the language of numbers and operations.
- Use the internet to access information on financial literacy such as income, budget and future financial planning, savings, profit, and cash, check, credit card, debit card. *The use of percents of numbers must be written within the realm of identified benchmark percents.*