

Name : \_\_\_\_\_ Quarter 1

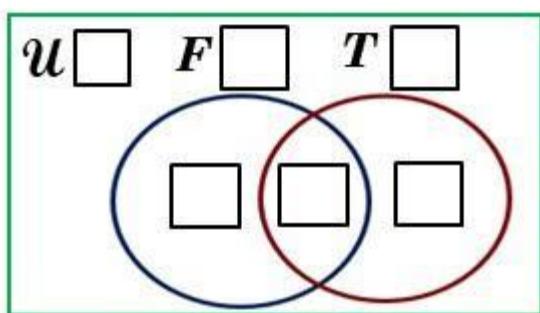
Grade 7: \_\_\_\_\_ Date : \_\_\_\_\_

**Activity : Word Problems Involving sets**

**A. Direction:** Read and analyze each problem. Solve for the unknowns by completing the indicated spaces that describe the cardinality of the following sets.

1. A group of Fifty (**50**) grade 7 students were asked whether they used either Facebook or Tiktok or both. Twenty four (**24**) of these students used Facebook, and thirty seven (**37**) used Tiktok. How many students :

- 1.) used Facebook only? \_\_\_\_\_
- 2.) used Tiktok only ? \_\_\_\_\_
- 3.) used both Social networking sites? \_\_\_\_\_



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2. The Venn diagram shows Grade 7 student's interests in two Math Clubs – Sudoku and Damath. If 150 students were asked , how many students were :

Questions	Answer
a. In Damath Club Only?	
b. In Sudoku club only?	
c. In Damath or sudoku club ?	
d. In both Damath and Sudoku Club ?	
e. Not in Damath nor Sudoku Club ?	

