LEARNING AS ONE NATION
Expanded Project

Math 10_37

JHS LEARNING ACTIVITY

Name: _____ **Grade/Score:** _____
Grade and Section: _____ **Date:** _____

Subject *(Check or choose from below.)*

- ☐ Religion/Values Education
- ☐ Natural Sciences
- ☐ Araling Panlipunan
- ☐ Filipino
- ☐ English
- ☐ Math
- ☐ TLE / ICT
- ☐ MAPEH
- ☐ HGP _____

Type of Activity *(Check or choose from below.)*_____

- ☐ Concept Notes
- ☐ Skills: Exercise / Drill
- ☐ Performance Task
- ☐ Illustration
- ☐ Formal Theme
- ☐ Informal Theme
- ☐ Others: _____

Activity Title: Exercises on Solving Permutation and Combination Problems

Learning Target: To solve problems with permutations and combinations.

References: *(Author, Title, Pages)*
https://www.careerbless.com/aptitude/qa/permutations_combinations.php
V. J. A. Dublin, CVIF Learning Activities

Answer the following. Show your solutions.

1. In how many different ways can the letters of the word "AWESOME" be arranged such that all the consonants always come together?

2. How many distinct permutations can be made from the letters of the word "SUBJECT"?

3. A committee of 10 members is to be chosen from 15 students. Find the number of choices.

4. In how many ways can a team of chess players of 2 boys and 2 girls be formed out of a group of chess masters of 5 boys and 4 girls?