LEARNING AS ONE NATION

Expanded Project

L E A R N I N G A C T I V I T Y

Math 10_7

Name: _____ **Grade/Score:** _____

Year and Section: _____ **Date:** _____

Subject *(Check or choose from below.)*_____

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

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

- ☐ Concept Notes
- ☐ Skills: Exercise / Drill
- ☐ Laboratory Report
- ☐ Illustration
- ☐ Formal Theme
- ☐ Informal Theme
- ☐ Others: _____

Activity Title: Finding the Common Ratio of Terms in a Geometric Sequence

Learning Targets: To find the common ratio of terms in a geometric sequence.

References: *(Author, Title, Pages)*
M. J. Acelado, et al., Algebra, pp. 413-417
V. G. Baja, CVIF Learning Activities

Exercises:

Determine whether the given sequence is a geometric sequence. If the sequence is geometric, write the common ratio on the blank. Show your computations for the ratios.

a) $5,\ 25,\ 125, \ldots$ _____

b) $17,\ 51,\ 153, \ldots$ _____

c) $\frac{1}{2}, \frac{1}{6}, \frac{1}{18}, \ldots$ _____

d) $48x,\ 24x^3,\ 12x^5, \ldots$ _____

e) $3a,\ 6a^2b^2,\ 12a^3b^4, \ldots$ _____