INOCENCIO SCHOOL Montessori Playhood
INOCENCIO INTEGRATED SCHOOL
"That every child finds joy and love for learning."
#1080 Dona Andrea I Subd., Bernal St. Rosario, Pasig City
Contact nos.: 6407337 / 6402009

FIRST SUMMATIVE EVALUATION
MATHEMATICS 9
Prepared by: Mr. Ravy G. Galopo

Name: _____ **Rating:** _____/50_____
Grade and Section: _____ **Date:** _____

TEST I.

A. Write A if the sequence is arithmetic, G if it is geometric, and N if it is neither. Determine *d* or *r* where appropriate.

_____1-2. $0, 4, 8, 12, \ldots$ $d =$ $r =$

_____3-4. $-7, -11, -15, -19, \ldots$ $d =$ $r =$

_____5-6. $\frac{1}{4}, \frac{1}{2}, 1, 2, \ldots$ $d =$ $r =$

_____7-8. $1, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \ldots$ $d =$ $r =$

_____9-10. $3x, 5x, 7x, 9x, \ldots$ $d =$ $r =$

B. Complete the table. Determine the Degree, leading coefficient, and number of terms of the given polynomials if it is not a polynomial write NP.

Given	Degree of the polynomials	Leading Coefficient	Number of Terms
$12x^4 - 16x^5 + 25x^2$	11.	12.	13.
$\frac{4}{5}x^6 + 2x - 1$	14.	15.	16.
$7x^{\sqrt{3}} + 2x - 15$	17.	18.	19.
$\sqrt{144}x^7 + 2x^5 - 3x^3 + x - 11$	20.	21.	22.
11	23.	24.	25.

C. Multiple Choice. Identify the choice that best completes the statement or answers the question.

____ 26. The sequence 2.5, 5, 7.5, 10,... is

a. arithmetic b. neither a or b c. geometric

____ 27. The sequence 1, 3, 7, 15,... is

a. geometric b. neither a or b c. arithmetic

____ 28. What is the next number in the sequence $10, 30, 90, 270, ...?$

a. 450 b. 360 c. 400 d. 810

____ 29. The sequence 8, 4, 2, 0,... is

a. arithmetic b. geometric c. neither a or b

____ 30. What is the next number in the sequence $10, 14, 18, 22, ...?$

a. 27 b. 2560 c. 44 d. 26

"Integrity is telling myself the truth. And honesty is telling the truth to other people."

- Spencer Johnson, American Author

*****END OF EXAM*****