Saint John School
San Juan, San Ildefonso, Bulacan
**MONTHLY TEST**
**FOURTH QUARTER**
**MATHEMATICS VI**

**Name:** _____ **Grade and Section:** _____
**Teacher:** Elizabeth C. Regala **Score:** _____

**Note:** WRONG SPELLING is WRONG.
NOT following the direction is WRONG.

**I. Evaluate each expression. Write your answer in the blank.**

1. 2 x 2 x 2 x 2 x 2 = _____
2. 5 x 5 x 5 = _____
3. 3 x 3 x 3 x 3 = _____
4. 7 x 7 x 7 = _____
5. 8 x 8 = _____

**B. Translate each product in power or exponential form. Write your answer in words.**

**Example:** ***10 x 10 x 10 = 10 to the power of 3***

6. 3 x 3 x 3 x 3 x 3 = _____
7. 7 x 7 = _____
8. 5 x 5 x 5 x 5 = _____
9. 4 x 4 x 4 x 4 x 4 = _____
10. 9 x 9 x 9 = _____

**C. Write the product of each expression. Write your answer in the blank.**

11. $5^2$ = _____
12. $7^4$ = _____
13. $6^3$ = _____
14. $2^5$ = _____
15. $4^6$ = _____

**II. Write TRUE if the statement is correct and FALSE if it is not.**

_____16. A number is called a power when it is written in exponential form.

_____17. The exponent tells the number of times the base is used as a factor.

_____18. Mathematical expression is a combination of numbers with at least one operation or symbol grouping.

_____19. Multiply and divide in order from right to left.

_____20. Add and subtract from left to right.

**III. Write GEMDAS if the equation is correct and X if it is not.**

_____21. $40 - 9 \times 8 \div 3 + 5 = 21$

_____22. $21 - 2^3 + 4 = 17$

_____23. $4 + 81 \div 3 \times 10 - 6 = 268$

_____24. $6 + (3x8) + (25 \div 5) \times 3^2 = 75$

_____25. $15 + 30 \div 6 + 8 = 28$

_____26. $5 \times 5 + 3 - 5 = 34$

_____27. $41 - 7^3 + 8 = 54$

_____28. $6 + (4x4) + (45 \div 5) \times 6^2 = 90$

_____29. $(4 \times 3) + (65 \div 5) + 5 - 8 = 76$

_____30. $5^3 \times 7^8 + 56 - 65 = 99$

_____31. $6 + 9 - 8 - 5 + 11 = 13$

**IV. Solve the following using GEMDAS. Write your solution in the given working space.**

**32-34.**

$6 \times 4 \div 12 + 72 \div 8 - 9$

**35 – 37.**

$6 + (3 \times 8) + (25 \div 5) \times 3^2$

**38-40.**

$3\,(5+4) - 4^2 + 2 \times 7$