



**THIRD QUARTERLY ASSESSMENT
MATHEMATICS 5
Prepared by: Mr. Reynan F. Jovido**

Name: _____

Score: _____ /50

Grade and Section: _____

Date: _____

IMPORTANT REMINDER: Following instructions is part of the exam. Failure to follow instructions will cause a **5-point-deduction** from the total raw score.

I. Write TRUE if the statement is correct and FALSE if otherwise.

- _____ 1. The integer -7 is greater than -5.
- _____ 2. In exponential notation, 10^3 is equal to 1000.
- _____ 3. The number 0.00045 can be written as 4.5×10^{-4} in scientific notation.
- _____ 4. In scientific notation, the number 3.2×10^6 is greater than 4.5×10^5 .
- _____ 5. When comparing the integers 12 and -18, 12 is smaller than -18.
- _____ 6. 8^2 is equal to 16 in exponential notation.
- _____ 7. The number 0.0000034 can be written as 3.4×10^{-6} in scientific notation.
- _____ 8. 10^{-4} is a smaller number than 10^{-2} .
- _____ 9. In scientific notation, 9.7×10^3 is larger than 8.5×10^4 .
- _____ 10. The exponential notation 5^0 equals 1.

II. Translate the following phrases into Integers.

- _____ 11. Going 5 steps up on the stairs
- _____ 12. 45 protons
- _____ 13. 100ft below sea level
- _____ 14. Walking 10 km eastward
- _____ 15. A loan of 50,000 pesos from the bank.

III. Translate the following to exponential notation

_____ 16. 56,000,000

_____ 17. 0.0000078

III. Translate the following to Standard form.

_____ 18. 9.8×10^7

_____ 19. 9999^0

_____ 20. 2×10^{-6}

II. Solving : Addition of integers

21. $98 + 35 =$

22. $-36 + 24 =$

23. $-82 + -65 =$

24. $9,999 + -9,999 =$

25. $250 + -891 =$

III. Solving : Subtraction of integers

26. $1900 - 954 =$

27. $-988 - 22 =$

28. $-82 - (-255) =$

29. $1000 - (-1000) =$

30. $-1000 - (-1000) =$

IV. Solving : Multiplication/Division of integers. Show the Complete Solution

$$21-23. (-342) \times (-21) =$$

$$24-25.$$

$$\frac{-144,000}{12,000}$$

$$12,000$$

VI. Read and understand each problem, then solve.

(26-32) Teacher Rain has 4,580PHP in his wallet. If he withdrew from his bank account 9,420PHP and paid 11,000PHP for an online purchase, how much is left in his wallet? .

26-30 Solution

31-32 Answer in sentence form:

(33-38) The freezing point of water is 32°F and the melting point of oxygen is -173°F . What is the difference between these two temperatures?

33-36 Solution

37-38 Answer in sentence form:

39-42. There are a dozen eggs in a tray. How many eggs are there in total if Wilhelm bought 12 trays?

39- 40 Solution

41-42 Answer in sentence form:

VII. ESSAY. Answer in at least 3 sentences.

43-46. In Math, we have families of numbers having different categories where a number belongs to.

In life, you as a person also have groups of friends you belong to. Give 4 characteristics of a person which made you choose them as your friends.

47-50.

In Math, we Encounter Integers- introducing to us positive and negative numbers.

In life it's the same. How are we going to stay positive even though we encounter negativities?

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