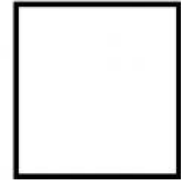




# MATH QUIZ

8<sup>th</sup> grade – III Partial



Student's Name: \_\_\_\_\_

Teacher's Name: Mr. Gutierrez Score: \_\_\_\_\_

School Year: 2020 – 2021 Points: **20%**

Topics: Metric measures of area and volume, temperature and algebra

Date: \_\_\_\_\_

Teacher Comment:

## PART I. TRUE OR FALSE

7 pts. (1 pts. each)

**Instructions:** Write in the parenthesis a **T** if the statement is true and an **F** if it is false. **If the answer is false, justify your answer by filling in the blank.**

1. Sometimes the **square kilometer** is used to measure larger land areas .....
2. **A square meter** is usually written as m<sup>2</sup> .....
3. The metric scale is called **Celsius** after its describer.....
4. The English system does not use a **Fahrenheit**.....
5. **Algebra** is a branch of mathematics that uses letter and other symbols .....
6. The **whole numbers** are zero and the counting numbers .....
7. Each of the factors is called a **coefficient** of the other factors .....

## PART III. PRACTICE

13 pts (1 pt. each)

**Instructions:** Solve the following exercises about Measures of area and volume, temperature and algebra.

### 1. Convert Measures of Area and Volume. (4pts. / 1pt. each)

- a) 25,000 m<sup>2</sup>= \_\_\_\_\_ ha
- b) 2.5 m<sup>2</sup>= \_\_\_\_\_ cm<sup>2</sup>
- c) .73 m<sup>3</sup> = \_\_\_\_\_ cm<sup>3</sup>
- d) 36,500 m<sup>2</sup>= \_\_\_\_\_ ha

2. Convert these temperatures.

(3pts. / 0.5 pts. each)

a)  $50^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}.$

b)  $392^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

c)  $41^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

d)  $-10^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

e)  $135^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}.$

f)  $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3. *Write monomial, binomial, or trinomial. (4pts. / 1pt. each)*

	Monomial	binomial	Trinomial
$9x - y$			
$2x + y + 5$			
$5xy$			
$9d + 4t + 8p$			

4. *Write following as algebraic expressions.*

(2 pts. /0.5pts. each)

a) 3 less than y \_\_\_\_\_

b) 9 divided by x \_\_\_\_\_

c)  $\frac{1}{2}$  times x plus 3 times x \_\_\_\_\_

d) 11 more than h \_\_\_\_\_



“The only person who is educated is the one who has learned how to learn ...and change.”

**Mr. Gutierrez**

**LIVEWORKSHEETS**