MATH QUIZ

8th 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^2 ..... ☐
   _____
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^2= _____ ha

b) 2.5 m^2= _____ cm^2

c) .73 m^3 = _____ cm^3

d) 36,500 m^2 = _____ ha

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2. **Convert these temperatures**. **(3pts. / 0.5 pts. each)**

a) 50 °C = _____ °F.

b) 392 °F. = _____ °C

c) 41 °F = _____ °C

d) -10°C = _____ °F

e) 135 °C = _____ °F.

f) 167 °F = _____ °C

3. ***Write monomial, binominal, 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

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