



MATH QUIZ

8th Grade – II Partial



Student's Name: _____

Teacher's Name: Juan Carlos Gutierrez Score: _____

School Year: 2020 – 2021 Points: 35%

Topics: Percentage and Linear Measures

Date: _____

Teacher Comment: _____

PART I. TRUE OR FALSE

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. A **percentage** of a number is a part of the number given in one-hundredths.....
2. The **decimal method** cannot be used in finding the percentage of a number.....
3. **The ratio method** makes use of the fact that percents means hundredth.....
4. Ancient people used their body as a reference for **measurement**.
5. 12 inches (**in.**) = 2 feet (**ft.**).....

PART II. MATCHING

Instructions: Match the word from column A that best matches each definition in Column B.

COLUMN A

1. English system
2. Ratio method
3. Metric system
4. A yard
5. Linear measures
6. Percent

6 pts. (1 pt. each)

COLUMN B

_____ is used in science and has been adopted for general use in most countries.

_____ are used to measure line segments (distances).

_____ of length is based on the yard.

_____ is another way to write fractions, decimals and ratios.

_____ can also be used in finding the percentage of a number.

_____ is divided into feet and inches and multiplied to miles.

PART III. PRACTICE**19 points**

Instructions: Solve the following exercises about the percentages and linear measures.

1. Solve the following percentages using the decimal method. (8 pts. – 2 e/o)

85% of 90=	50% of 475 =
50% of 245=	7% of \$300=

2. Solve the following percentage using the ratio method. (8 pts. – 2 e/o)

12% of 90=	19% of 650=
55% <u>of</u> 900=	25% Of 400=

3. Write the singular measure each abbreviation represents. (1.5 pts. – 0.5 e/o)

1. ft. _____ 2. in. _____ 3. yd. _____

4. Fill in each blank with the correct number. (1.5 pts. – 0.5 e/o)

1. _____ ft. = 1 mi. 2. 1 yd. = _____ ft. 3. 1 ft. = _____ in.

“Success consists of going from failure to failure without loss of enthusiasm.” – Winston Churchill

Mr. Gutierrez