Short item test – LC 6,7,8

1. Is a property of addition and multiplication states that the order of terms doesn’t matter, the result will be the same.
2. Is a associative property of addition and multiplication states that the way of grouping of number doesn’t matter, the result will be the same.
3. Is a property explains the distributing ability of operation over another mathematical operation within a bracket.
4. Is a property under addition and subtraction states the sum or difference of any two integers will always be an integer.
5. can be defined as number whose whole number part and the fractional part is separated by a decimal point.
6. Is a number expressed as a quotient, in which a numerator is divided by a denominator.
7. Number that can be expressed as an integral or the quotient of an integer provided by a non-zero integer.
8. Its an operation rational numbers, where the denominators is the same, so keep the denominators , and add the numerators
9. Is an operation of a rational numbers, where the same denominators, we simply subtract the numerators, then the denominator remain.
10. Is an operation of rational numbers where, the product of any two rational number is equal to the product of the numerator

Completion Test

9,10,11

1. The √81 is a \_\_\_\_\_\_\_\_\_\_\_
2. The \_\_\_\_\_\_\_\_\_ number square roots is the principal square root.
3. \_\_\_\_\_\_\_\_\_\_ number is a real number that cannot be expressed as the quotient of two integers.
4. The √9 is \_\_\_\_\_\_\_\_\_.
5. The √49 is \_\_\_\_\_\_\_\_.
6. The √36 is \_\_\_\_\_\_\_\_.
7. The √625 is \_\_\_\_\_\_\_.
8. The square root to the nearest hundredth of √19 is \_\_\_\_\_\_.
9. The square root to the nearest hundredth of √80 is \_\_\_\_\_\_.
10. The square root to the nearest hundredth of √102 is \_\_\_\_\_\_.

Problem Solving

Directions. Solve the following question. Provide a solution to each question.

1. Kristen baked 32 cookies, She gave some cookies to Tina and Maria, Kristen then had 1/2 of her cookies left. On average, how many cookies did each Tina and Maria receive?
2. Julio bought a pizza for his family. Julio ate of the pizza, and Ana her twin sister ate the other 3/8. How many pizza was left for Ferd.
3. Alexa bought 8 gummy bear candies for P3.50 each from the 7/11 store, she had P2.00 left. How much money did Alexa start with?
4. Gladys weighs 40.9 kgs, Benj weighs 38kgs and Castro weighs 42kgs , what is their total weight?
5. A scuba diver Elena takes a 7 steps forward and 9 steps backwards. How many steps did she take?
6. A submarine starts out at 125 feet. Below sea level. It dives 218 feet before rising at 310 feet. Represent the current depth of the submarine as integer. What is the current depth of the submarine below sea level?
7. Your checking account is P500.00 due to credit card interest, the following day you cash in worth of P380.00 in your account. What is the balance in your account?
8. Lamitan City recorded the highest temperature for the year 2020 it was 38°c. If the temperature in Isabela City was 28°c in the morning and 32°c in the evening. What is the difference between the two temperatures?
9. The area of a square window is 385in2 . A rectangular window has a width the same as the square window’s width. Its length is 2inches longer than width. What is the area of a rectangle window.
10. Uncle Steven bought a boulder that weighs 9.28kg . What is the weight written as a mixed number?