Chapter Test
Grade 6 Math
1st Semester 2023
SET A

Name : _____ Score: _____

Class : _____ Date: _____

I. Multiple Choice
Direction: Read the question and encircle your answer.

1. This shape has three sides with unequal angles.

a. isosceles triangle b. scalene triangle c. equilateral triangle d. triangle

2. A letter that is used to represent a number is called _____.

a. expression b. term c. substitute d. symbol

3. Replace a symbol with numerical value.

a. formula b. expression c. substitute d. term

4. Improper fraction is a fraction where numerator is greater than denominator. It is always greater than

a. 1 b. 0.1 c. 10 d. 0

5. A collection of numbers and symbols linked by operation.

a. expression b. term c. formula d. substitute

6. A part of a whole is called _____.

a. mixed numbers b. improper fraction c. denominator d. fraction

7. What is the sum of these two numbers ***349.84*** and ***397.84.***

a. 757 b. 747 c. 746 d. 748

8. A statement that links quantities.

a. formula b. term c. expression d. substitute

9. What is the place value of 7 in the number 204.71?

a. ones b. tenth c. tens d. hundredths

10. A group of symbols in an expression that are separated by a plus or minus signs.

a. formula b. term c. expression d. symbol

LIVEWORKSHEETS

II. Calculation

Direction: Answer the following question and write your answer on the space provided.

1. Calculate the following numbers with decimals.

a. 23.01 - 8.3 = _____

b. 323.47 + 298.2 = _____

c. 832.19 - 287.4 = _____

d. 9023.7 - 298.53 = _____

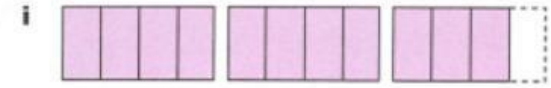
e. 492.78 + 3987.59 = _____

2. See the drawing below and write each amount as

a. an improper fraction

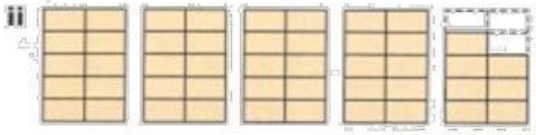
b. a mixed number.

i



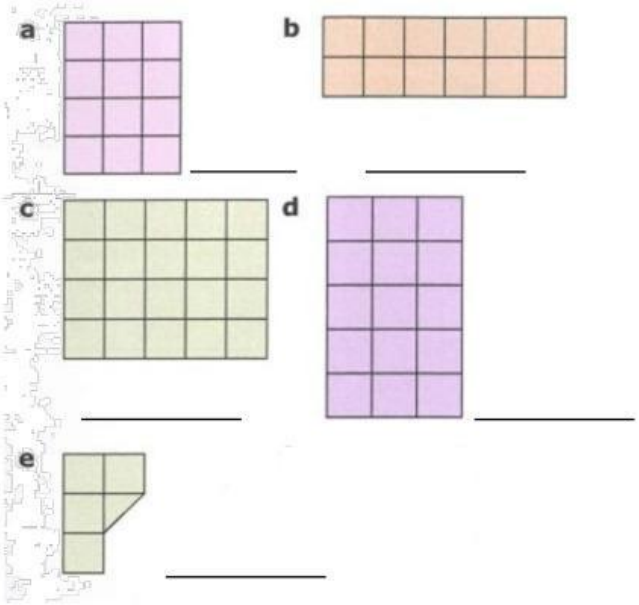
a._____ ***b.***_____

ii



a._____ ***b.***_____

3. The tiles are 1 cm^2 or they come in halves. Give the area of each shape in cm^2.



_____ _____

_____ _____

_____

4. How many biscuits are in _____.

One green packet holds *m* biscuits, *m* = 20

One gold packet holds *n* biscuits, *n* = 12

a. two green packets _____

b. two gold and one green packet _____

c. three gold packets plus five extra biscuits. _____

d. ***n*** packets ***+ 1*** _____

e. ***n*** packets ***- 2*** _____

LIVEWORKSHEETS

III. Problem Solving

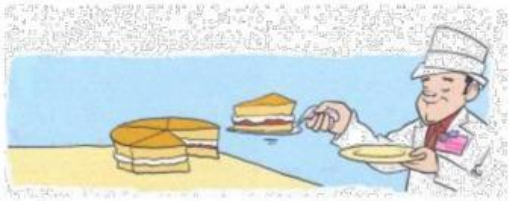
Directions: Read the following questions and write your solution and answer on the space provided.

1. I have picked 2 boxes of strawberries at a fruit farm.
   Each box contains x strawberries.
   - **a** How many strawberries in total do I have?
     Write your answer in terms of x. _____
   - **b** On the way home I eat 5 strawberries.
     How many strawberries do I now have? _____
   - **c** If each box initially contains 42 strawberries, how many remain when I reach home? _____

2. There are 21 people in this group.
   $\frac{2}{7}$ of this group voted 'Yes'.
   $\frac{2}{3}$ of this group voted 'No'.
   How many did not vote?

_____

3. Harry has a new job as a cake tester. Each time he "tests" a cake he has to eat a slice that is $\frac{1}{5}$ of a cake. At the end of the day Harry has tested 40 cakes. How many whole cakes have eaten?



_____

4. Isla Bakes a cake.
   - **a** Isla bakes some chocolate sponge cakes. She cuts each cake into five equal pieces. She has 25 pieces when she has finished. How many cakes does Isla bake?
   - **b** If Isla's friends eat 7 pieces, how many cakes are remaining? Express your answer as a mixed number.

a) _____ b) _____

LIVEWORKSHEETS