

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

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. $323.47 + 298.2 =$ _____

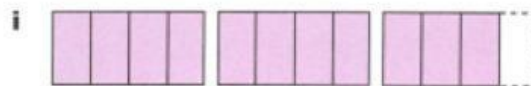
c. $832.19 - 287.4 =$ _____

d. $9023.7 - 298.53 =$ _____

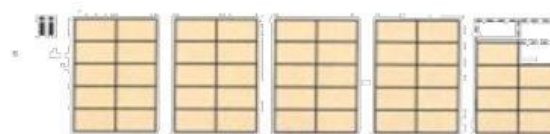
e. $492.78 + 3987.59 =$ _____

2. See the drawing below and write each amount as

- a. an improper fraction
b. a mixed number.

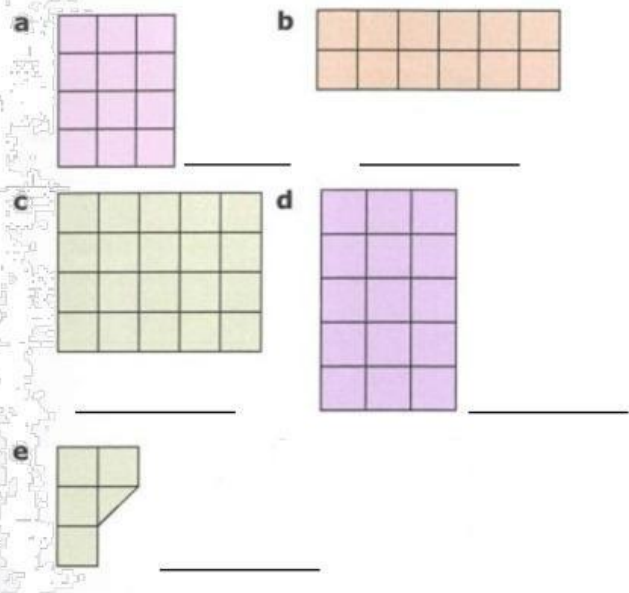


a. _____ **b.** _____



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 _____

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.

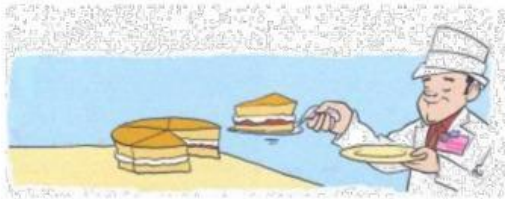
$\frac{2}{7}$ of this group voted 'Yes'.

$\frac{2}{3}$ 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) _____