



BHUTAN COUNCIL FOR SCHOOL EXAMINATIONS AND ASSESSMENT

COMPETENCY BASED ASSESSMENT TEST

SUBJECT: MATHEMATICS

TOTAL MARKS: 50

CLASS: III

TIME: 1 HOUR 15 MIN

Name:.....

Roll No:.....

School:.....

Section:.....

Dzongkhag/Thromde:.....

Gender:.....

Points to Remember

1. First write your **name, roll number, section, name of your school and Dzongkhag** in the space given above.
2. Read the **questions** carefully. You must answer **all** questions.
3. **Do not** write in the first 15 minutes. This time is to be spent in **reading the questions**.
4. Write your answers to each question in the **given space**. The mark for each question is given in the **brackets**.
5. You have **one hour** to finish the test. Make good use of the given time.
6. You are **allowed** to ask your teacher to read or explain any question.

For teacher's use only

MCQ	i	ii	iii	iv	v	vi	vii	viii	ix	x	Tot	Sig
Options											20	
Marks Scored												

Qs.no	2	3	4a	4b	5a	5b	6a	6b	7a	7b	8a	8b	Tot	Sig
Marks	5	5	2	2	2	2	2	2	2	2	2	2	30	
Marks Scored														

Answer ALL Questions

Question 1

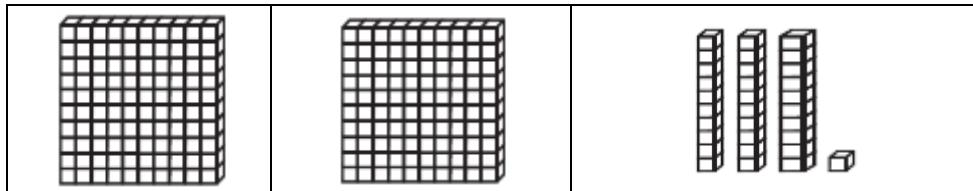
[20 Marks]

Direction: Each question in this section is followed by **FOUR** possible choices of answers.

Choose the most correct answer and write it down in the space provided.

Each question carries 2 marks.

i. What number does the following set of base ten blocks represent?



- A** 132
- B** 230
- C** 231
- D** 240

Answer.....

ii. Electric cars are also used as taxis in Bhutan. It can carry 5 persons. How many such taxis are required to carry 40 persons?

- A** 45
- B** 35
- C** 20
- D** 8

Answer.....

iii. What is the fraction word for $\frac{1}{3}$?

- A** one sixth
- B** one fifth
- C** one fourth
- D** one third

Answer.....

iv. The table below shows the distance between different places of Bhutan.

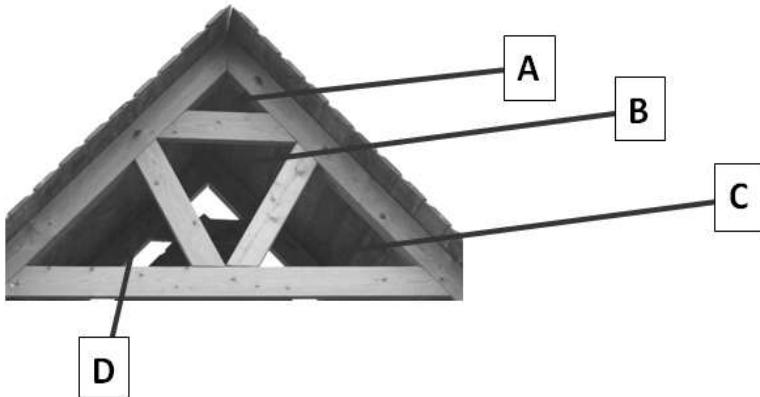
FROM	TO	DISTANCE
Punakha	Thimphu	68 km
Thimphu	Phuntsholing	171 km

Estimate the total distance from Punakha to Phuntsholing.

- A $60 + 170 = 230$
- B $60 + 170 = 240$
- C $70 + 170 = 240$
- D $70 + 170 = 230$

Answer.....

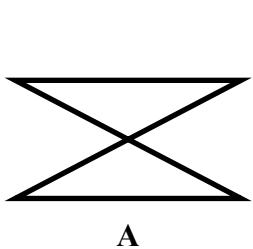
v. From the diagram below, which of the following statement is **TRUE**?



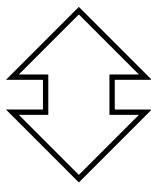
- A Shape A and B are congruent.
- B Shape C and D are congruent.
- C Shape A and D are similar.
- D Shape B and C are similar.

Answer.....

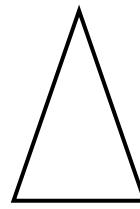
vi. Which one of these have one line of symmetry?



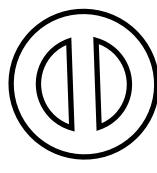
A



B



C



D

Answer.....

vii. Tshering came to meet his son who studies in class nine. Help him to find his son's class room.

- A Class IV
- B Class IX
- C Class VI
- D Class XI

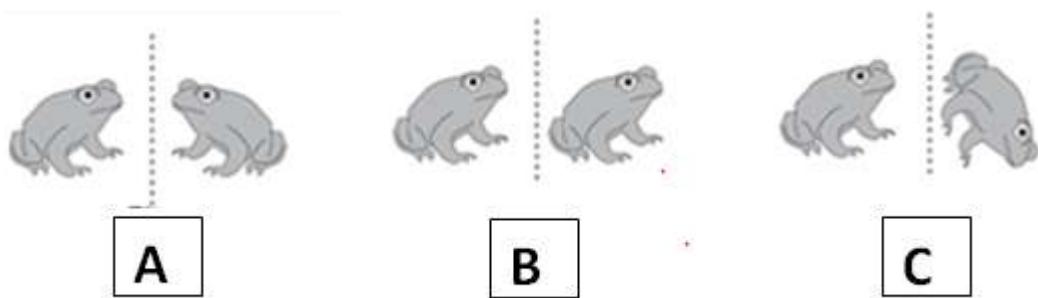
Answer.....

viii. One village has 218 people and another village has 391 people. About how many **more** people are there in the second village?

- A About 500
- B About 200
- C About 191
- D About 182

Answer.....

ix. Look at the diagram below.

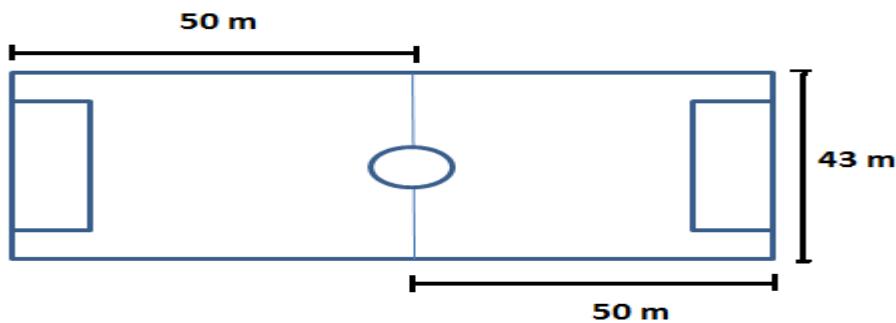


If the diagram **A** shows **flip** then what kind of movement is applied to **B** and **C**?

- A** slide and turn
- B** flip and turn
- C** slide and flip
- D** turn and slide

Answer.....

x. Study the diagram given below and find the perimeter of the football ground.



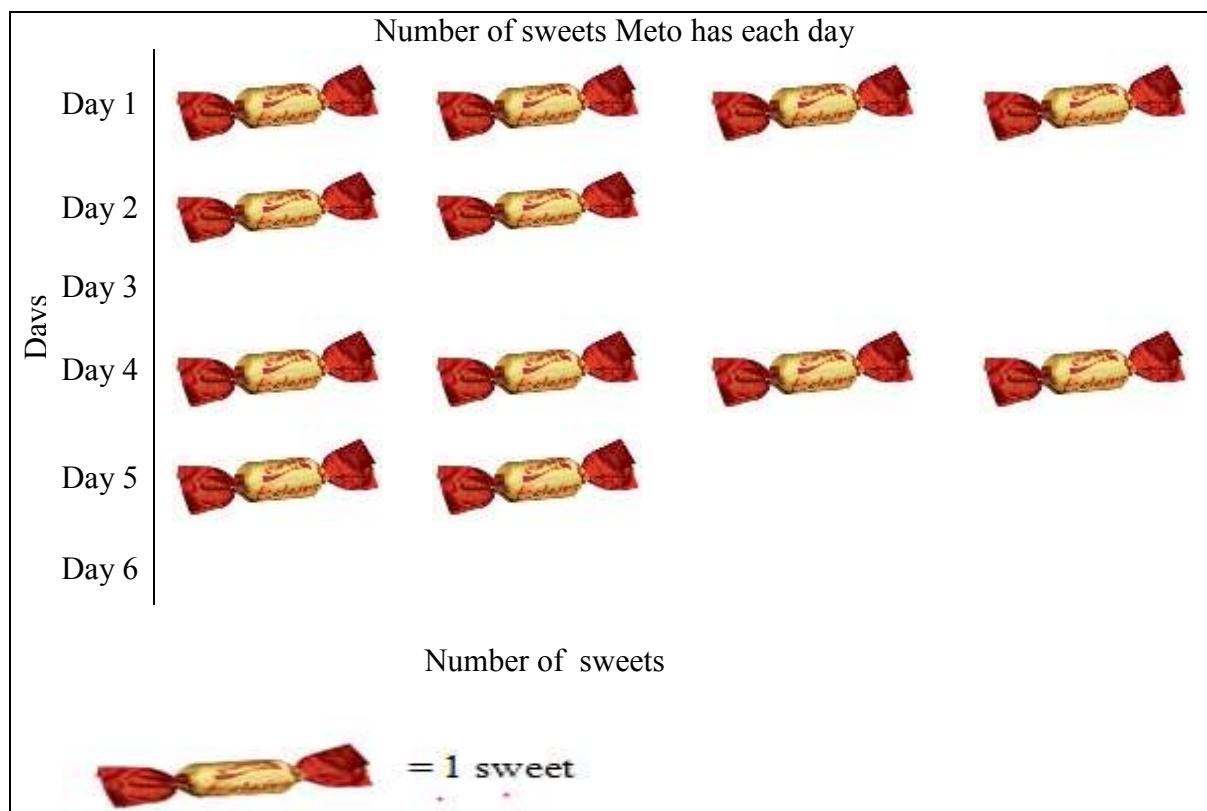
- A** 93 m
- B** 200 m
- C** 243 m
- D** 286 m

Answer.....

Question 2

[5]

The pictograph below shows the number of sweets Meto has each day.



Use the pictograph above to circle **Yes** or **No** in the table given below. One is done for you as an example.

	Statement	
	The scale of the above graph is 1 symbol = 1 sweet.	Yes / No
i	Meto has two less sweets on day 2 than on day 1	Yes / No
ii	Meto has no sweet on day 5	Yes / No
iii	Meto has total of 13 sweets	Yes / No
iv	The data in the above graph shows ABC pattern	Yes / No
v	4,2,0,4,2,0.....is a repeating pattern.	Yes / No

Question 3**[5]**

Match each item in **Column A** against its correct answer in **Column B**.
Rewrite the correct matching pairs in **Column C**.

Column A	Column B	Column C
i) You get 20 when you add 5 and 15.	a) scale	i.....
ii) All your classmates will be in Class IV next year.	b) certain	ii.....
iii) Symbol  = 2 students in a graph	c) title	iii.....
iv) If you roll a die, you always get 6 on the top.	d) likely	iv.....
v) Thetells what the graph is about.	e) impossible	v.....
	f) labels	

Question 4**[4]**

a. There are 850 students in a school. 435 students are boys.

Write the number of girls in the **expanded form**.

[2]

b. Draw a set of shape to represent $\frac{2}{5}$.

[2]**Question 5****[4]**

a. Class III students practiced dance for their cultural show from 27 March to 2 April.

How many days did they practice? How many weeks was that?

[2]

b. Tashi Wangmo added $246 + 35$ as shown below and wrote the sum as 596.
What mistake did she make?

[2]

Hundreds	Tens	Ones
2	4	6
+ 3	5	
5	9	6

$$246 + 35 = 596$$

Question 6

[4]

a. The table below shows the items Karma bought from a shop.
Help Karma to complete the table.

[2]

	Item Name	Price of each item	Total Amount
Example		Nu 15	Nu 15
I		Nu 5	Nu
II		Nu.....	Nu 30

b. Amit, Srijana, Karsel and Choki found 36 marbles. Amit gave 8 marbles to each of his friends and kept the rest. Did he share the marbles equally?

- How do you know it?
- How can you share the marbles equally? Show your Work.

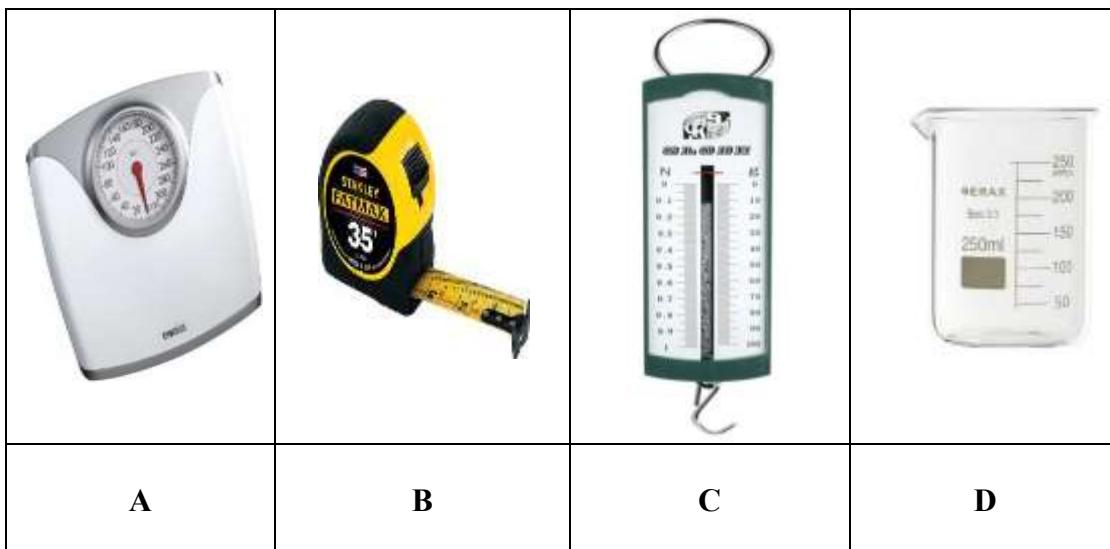
[2]

Question 7

[4]

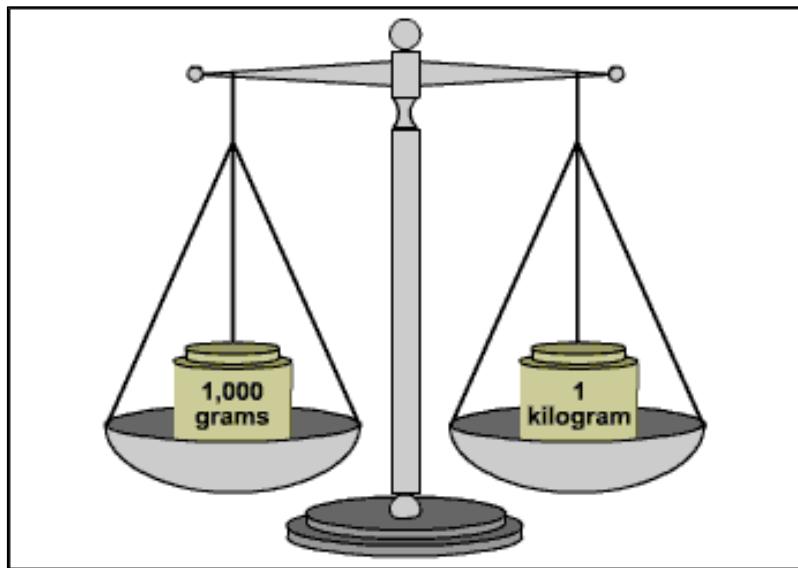
a. Which of the following instruments can be used to measure the height of a wall?

[2]



b. The balance in the figure shows $1000\text{g} = 1\text{ kg}$. Use this equation to answer the question below.

[2]



If a geometry box has a mass of 200g, how many geometry boxes will be needed to make 1 kg?

Question 8

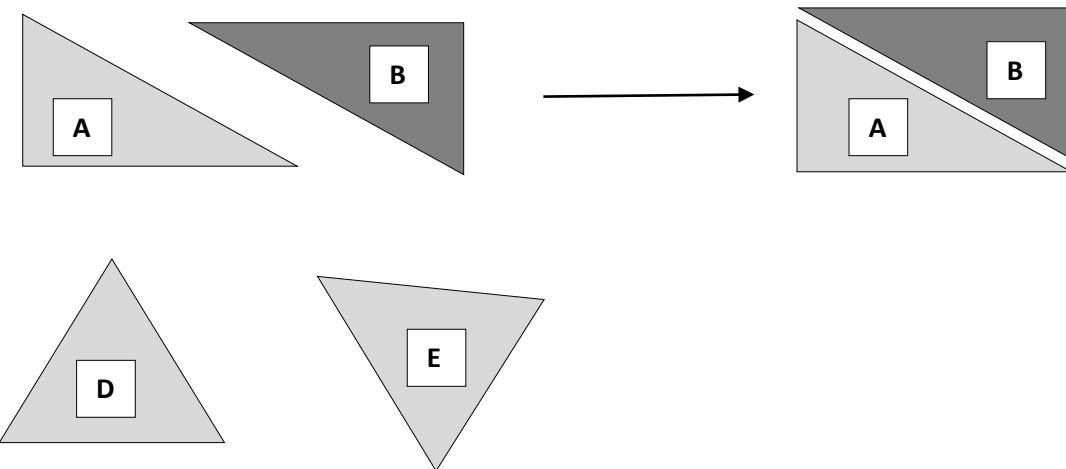
[4]

a. If we add shape **A** and **B** we get a rectangle.

Lhamo says we can get a rectangle when shape **D** and **E** are added. Do you agree?

Explain.

[2]



b. Draw a sketch of a net for the chalk box below.

[2]



*****ROUGH WORK*****