BHUTAN COUNCIL FOR SCHOOL EXAMINATIONS AND ASSESSMENT

COMPETENCY BASED ASSESSMENT TEST

SUBJECT: MATHEMATICS **TOTAL MARKS: 50**

CLASS: III **TIME: 1 Hrs 15 Mins**

Name: _____ **Roll No: _____**

School: _____ **Section: _____**

Dzongkhag/Thromdee:_____ **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.*
3. ***15 minutes** time is allocated for reading the questions.*
4. *Write your answers to each question in the given space.*
5. *You must answer **all** questions.*
6. *You have **one hour** to finish the test. Make good use of the given time.*
7. *The mark for each question is given in the brackets.*
8. *Do **not talk** with your friends during the test.*

For teacher's use only

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

Qs	*2*	*3*	*4a*	*4b*	*5a*	*5b*	*6a*	*6b*	*7a*	*7b*	*8a*	*8b*	*Total*	*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.*

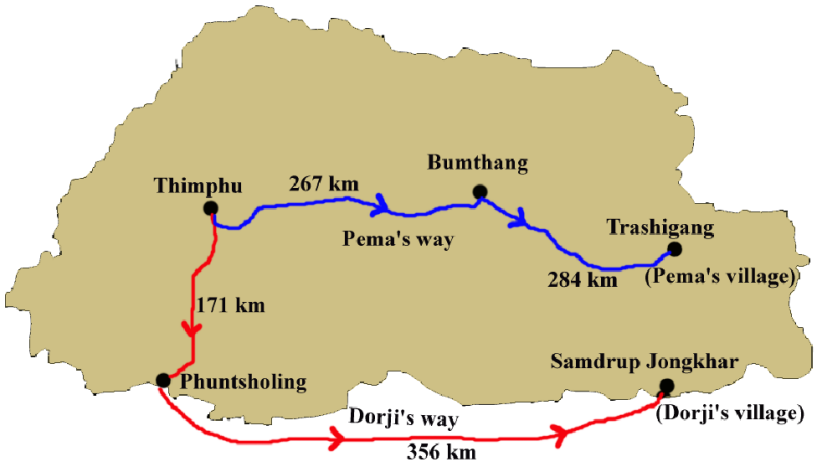
i. In a day, a taxi driver makes nine Nu 1 note, seven Nu 10 note, eleven Nu 100 note. How much money does he make in a day?

A Nu 27
B Nu 111
C Nu 1179
D Nu 9711

Answer……..

*(Use this map to answer question **ii** and **iii** below)*

Pema and Dorji are staying in Thimphu with their uncle. In winter vacation, they go to their village taking different ways as shown in picture below.



ii. What is the distance travelled by Pema?

A 267 km
B 284 km
C 527 km
D 551 km

Answer…….

iii. How much more distance did Dorji travel than Pema?

A 24 km
B 72 km
C 96 km
D 185 km

Answer……...

iv**.** A group of students ate cake as given in the table below. Who ate more than one whole cake?

Name	Part of the cake
Amar	$\frac{6}{10}$
Dema	$\frac{12}{10}$
Jigten	$\frac{12}{12}$
Karma	$\frac{12}{13}$

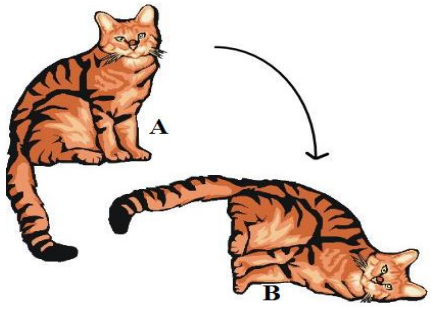
A Amar
B Dema
C Jigten
D Karma

Answer……

v. Seldon moves the picture of a cat from position **A** to position **B**.
What type of movement has she made?

A Sliding
B Turning
C Flipping
D Reflection

Answer……



vi. A medical shop noted the daily sale as given below. On which day the shop made the maximum sale?

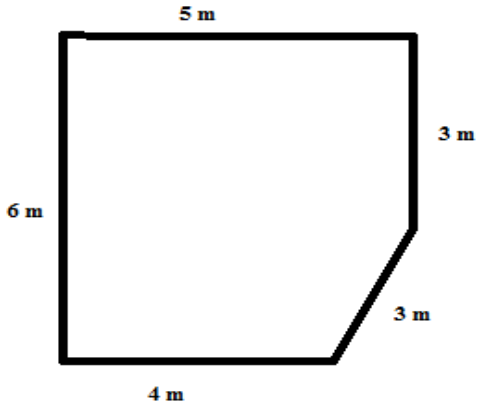
Day	Sale
Thursday	Nu 1432
Friday	Nu 1342
Saturday	Nu 1298
Sunday	Nu 1423

A Thursday
B Friday
C Saturday
D Sunday

Answer…….

vii. Dawa is a farmer. He wants to put a fence around his garden to keep the rabbits out of his vegetable garden.

Which number sentence given below help him to fence his garden?

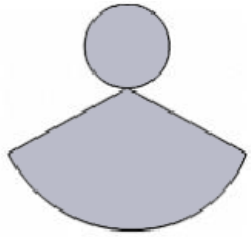


A (3 X 6) meters
B (5+6+3+4) meters
C (5+6+3+3+4) meters
D (5 X 6) meters

Answer……

viii. A shopkeeper cuts a packing paper to pack a gift shown in the picture below. Which of the following paper net will fit the gift packing?

A



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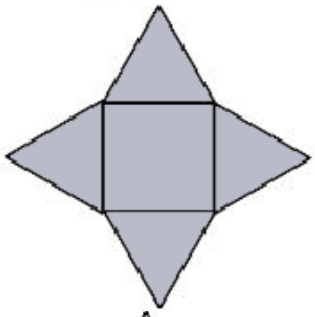
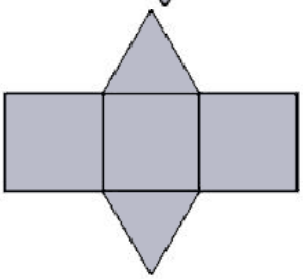
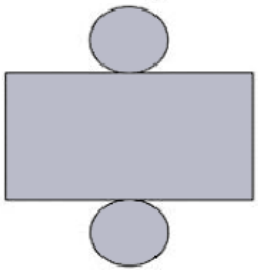


C



D



Answer…….

ix. A shopkeeper has the following items in his shop. Which item has a mass of about 10 g?

A  one strawberry

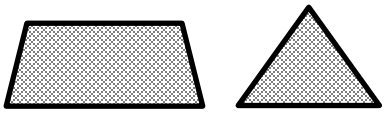
B  one regular-sized apple

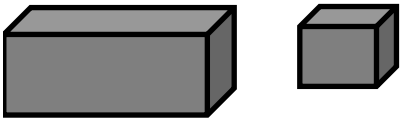
C  one bunch of grapes

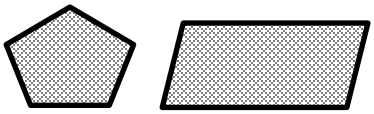
D  one large pumpkin

Answer……..

x. Anju drew a pair of **quadrilaterals**. Which one of the following is Anju's drawing?

A 

B 

C 

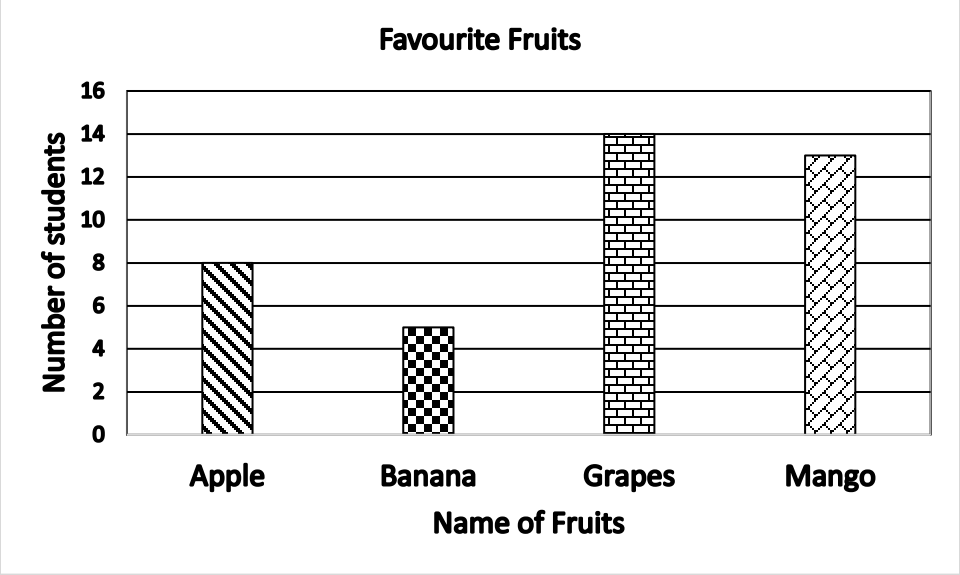
D 

Answer…….

(Answer all questions in this section and write it down in the given spaces)

Question 2 **[5]**

Study the graph below and circle the word **Yes** or **No** for each statement given below.
One is done for you as an example.



Sl.No	Statement	Remark
Example	***The title of the graph is favourite fruits.***	*Yes* / *No*
i	1 square of the grid represent 1 student in the graph	Yes / No
ii	Less than half of the student like grapes	Yes / No
iii	The difference between apple and banana lovers is more than 2	Yes / No
iv	If a new student join the class, the probability of him/her liking grapes is certain	Yes / No
v	It is possible to change the above graph into a pictograph	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) 	a) The fifth number is 40	i)…….
ii) ….., 30, 20, 10	b) ABC pattern	ii)…….
iii) 	c) Adding 10	iii)…….
iv) 5, 15, 25, 35, ….	d) AB pattern	iv)…….
v) 8, 16, 24, 32 , ….	e) Shrinking pattern	v)…….
	f) ABB pattern	

Question 4 **[4]**

a. In a school, 0.6 of its students are girls. What fraction of the students are girls? **[2]**

b. Wangpo bought a geometry box for Nu 93 and two books for Nu 156. He estimates the total as given below.

Nu 90 + Nu 100 = Nu 190.

Do you agree with his estimation? Write the correct estimation if it is incorrect. **[2]**

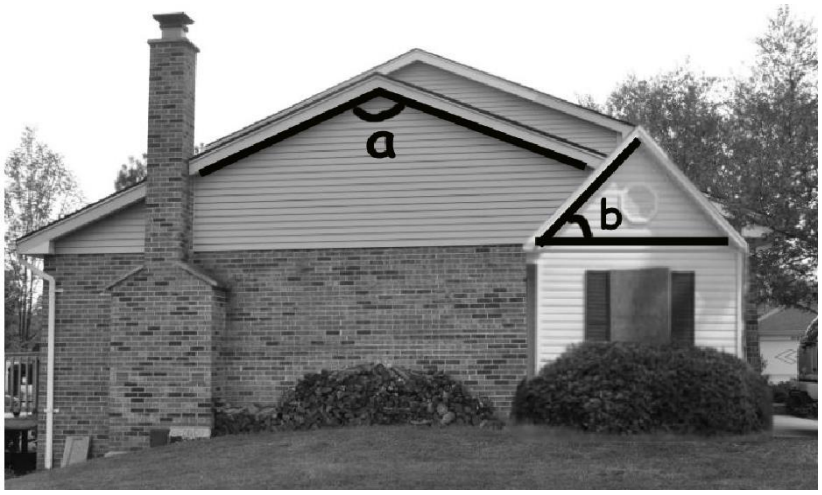
Question 5 **[4]**

a. Manju puts Nu 5 every day in her piggy bank. What is her saving by the end of the week? Show your work. **[2]**

b. 32 students are made to sit in a team of 4. Jigme says that there will be 7 teams. Do you agree with Jigme? Why? **[2]**

Question 6 **[4]**

a. Measure the angle **a** and **b** shown below. **[2]**



Angle	Degree
a	…….
b	…….

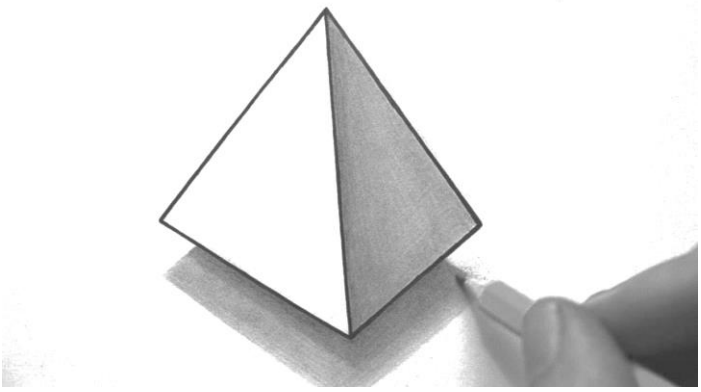
b. The following sentences tell how Menda spends her Sunday. **[2]**

On Sunday, Menda finishes eating breakfast at 8:00 a.m. and spends 2 hours reading the books. Her mother allows her to watch TV for next one hour. At 11:00 a.m. she goes to music class which ends at 12:00 noon. Then she spends 30 minutes taking bath.

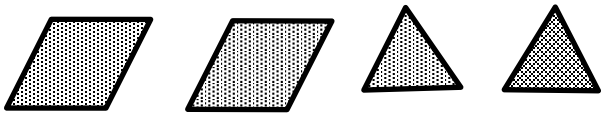
Make Menda's Sunday ***Activity timetable.***

Question 7 **[4]**

a. A teacher draws the following diagram. Pema says it is a polygon.
Do you agree with Pema? Why? **[2]**

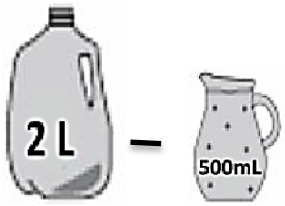
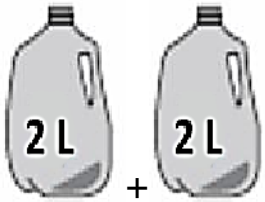
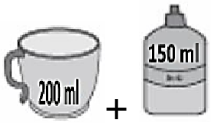


b. A carpenter has the following pieces of cardboard. He wanted to make a new design for a table surface. Help him to **arrange the cardboard pieces** to get a **new shape**.
Name the new shape **formed**. **[2]**



Question 8 **[4]**

a. Compare the **column A** against **column B** below with symbols $<$, $>$, or $=$ **[2]**
One is done for you as an example.

Sl.No	Column A		Column B
Example		<	
i)			
ii)			
iii)			
iv)			

b. There are 24 chairs in your classroom. Arrange them in different possible ways. Write multiplication sentence for it. Show your work. **[2]**

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