

COMPETENCY BASED ASSESSMENT TEST

SUBJECT: MATHEMATICS

TOTAL MARKS: 50

CLASS: III

TIME: 1 HOUR 15 MINS

Name: _____

Roll No: _____

School: _____

Section: _____

Dzongkhag: _____

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

<i>Q. 1</i>	<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>	<i>ix</i>	<i>x</i>	<i>Tot</i>	<i>Sig</i>
Options											20	
Marks Scored												

<i>Q(2-9)</i>	<i>2</i>	<i>3</i>	<i>4i</i>	<i>4ii</i>	<i>4iii</i>	<i>4iv</i>	<i>5a</i>	<i>5b</i>	<i>6a</i>	<i>6b</i>	<i>7a</i>	<i>7b</i>	<i>8a</i>	<i>8b</i>	<i>8c</i>	<i>9a</i>	<i>9b</i>	<i>Tot</i>	<i>Sig</i>
Marks	4	2	1	1	1	1	2	2	2	2	2	2	1	2	1	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. The expanded form of 3402 is

A $3000 + 4000 + 2.$

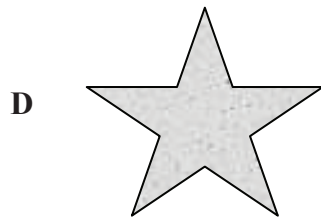
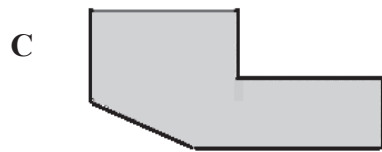
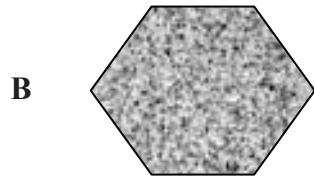
B $3000 + 400 + 2.$

C $3000 + 40 + 2.$

D $3000 + 4 + 2.$

Answer.....

ii. Which of these shapes is a pentagon?



Answer.....

iii. Today is Tuesday. Which of the following is **certain**?

- A Tomorrow will be Monday
- B Tomorrow will be sunny day
- C Tomorrow will be windy day
- D Tomorrow will be Wednesday

Answer.....

iv. Dawa weighs 10 apples of equal sizes.

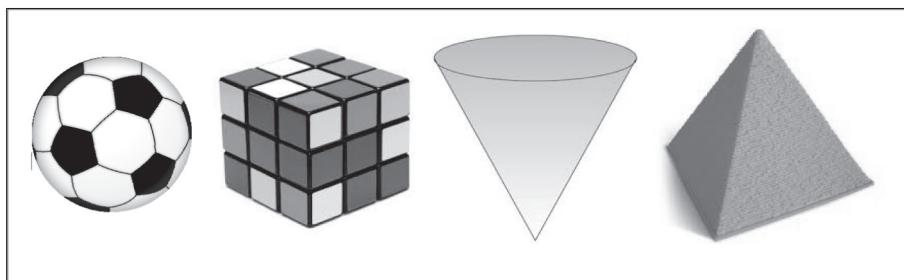


What is the mass of the apples?

- A 100 g
- B 250 g
- C 500 g
- D 1000 g

Answer.....

v. Yangchen drew the shapes as shown below.

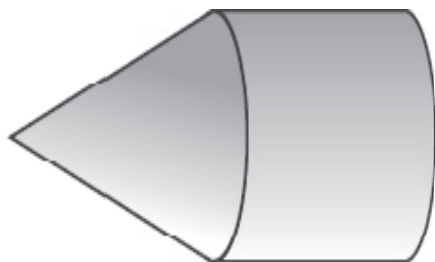


What fraction of the shapes are with **circular base**?

- A $\frac{5}{4}$
- B $\frac{3}{4}$
- C $\frac{2}{4}$
- D $\frac{1}{4}$

Answer.....

vi. Kuvam joined **two** blocks together to make this object.

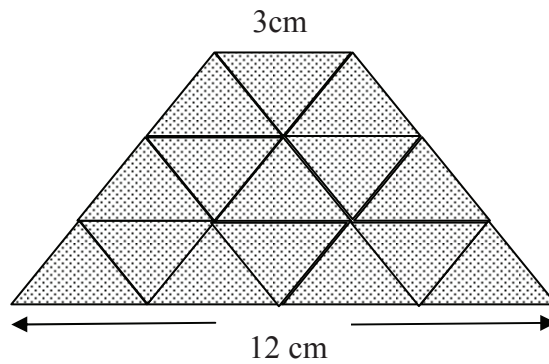


He used a cone and a

- A cube.
- B cylinder.
- C triangular prism.
- D triangular pyramid.

Answer.....

vii. Find the **perimeter** of the shape given below.



- A 15 cm
- B 24 cm
- C 33 cm
- D 36 cm

Answer.....

viii. After the class test, Menda groups 33 students into **four** types as shown below.

	Passed	Failed
Boys	12	10
Girls	?	6

How many **girls** passed in the test?

- A 5
- B 6
- C 10
- D 12

Answer.....

ix. Here is a calendar.

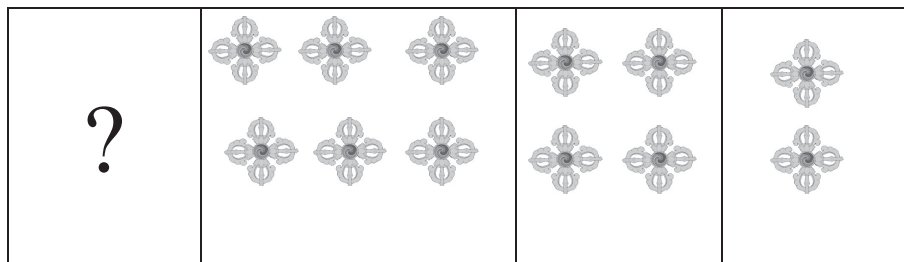
July, 2006						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Dema was born on July 14 and Nima was born on July 28. By how many weeks is Dema older than Nima?

- A** 1 week
- B** 2 weeks
- C** 3 weeks
- D** 4 weeks

Answer.....

x. Kinga is making a pattern as shown below. How many numbers does he require to complete the pattern?



- A** 10
- B** 9
- C** 8
- D** 7

Answer.....

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

Question 2

[4]

The table below shows Mani's Sunday timetable. Put (✓) to show that his activities are **TRUE** or **FALSE**. One is done for you as an example.



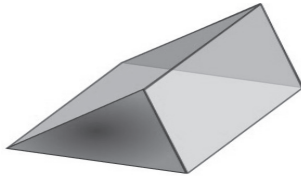
Activity	Start time	Finish time
Eat break fast	7:00 a.m	7:30 a.m
Read books	7:30 a.m	9:30 a.m
Take bath	9:30 a.m	10:00 a.m
Wash clothes	10:00 a.m	12:30 a.m
Eat lunch	12:30 noon	12:45 p.m

	Activities	True	False
a)	He took 30 minutes to finish eating breakfast.	✓	
b)	He read books for two hours.		
c)	He started to take bath at 10:00 a.m.		
d)	He took more time in washing clothes than taking bath.		
e)	He took 45 minutes to eat lunch		

Question 3

[2]

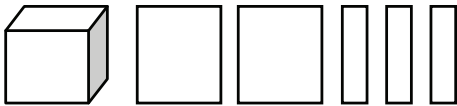
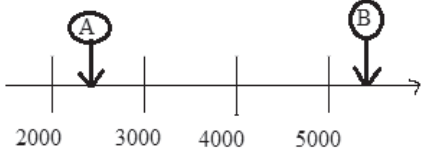


Fill in the blanks with appropriate answers.

			
Name of 3-D shape	a).....	Rectangular prism	b).....
Number of vertices	0	8	6
Number of faces	1	c).....	5
Number of edges	0	12	d).....

Question 4

[4]

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

	Column A	Column B
i		a) One litre
ii		b) 5 cm
iii		c) 1 thousand 2 hundred 3 tens
iv		d) $A < B$
		e) $B < A$

Answers: i....., ii....., iii....., iv.....

Question 5

[4]

- a. Chimmi picked 13 apples and Seldon picked 17 apples. How many **more** apples did Seldon pick than Chimmi? How many apples were picked in all? [2]

- b. Namgay has solved the following division problem. Do you think he has solved it correctly? Solve the problem again if it is incorrect. [2]

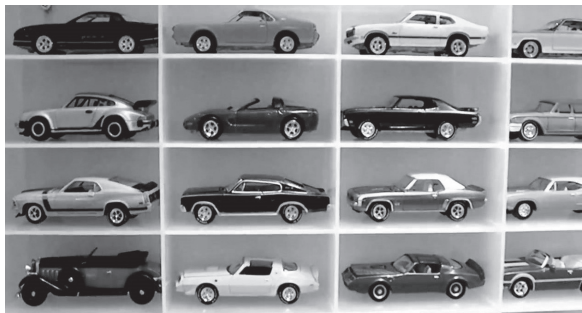
$$36 \div 6 = 5 \text{ as } 36 - 5 - 5 - 5 - 5 - 5 - 5 = 0$$

Question 6

[4]

- a. Write multiplication and division facts using the pictures given below.

[2]

	<p>Multiplication fact:.....</p> <p>Division fact:.....</p>
---	---

- b. Roshan is counting up by **threes**. She starts to write this pattern as shown below.

[2]

3,6,10,12,16,18,21,.....

Do you agree with her pattern? Write the correct pattern if it is incorrect.

Question 7

[4]

- a. Yangzom went for shopping with her mother. They bought the following items:

[2]

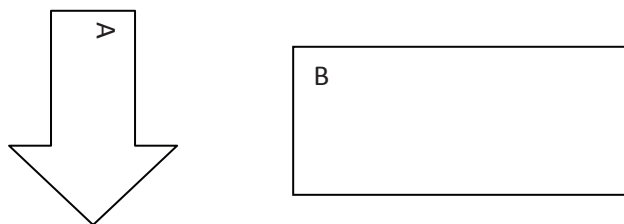
- a gho for Nu 430
- a lagay for Nu 120
- a pair of shoes for Nu 310
- a pair of socks for Nu 55

Complete the following table and calculate the total amount spent by Yangzom's mother.

	Hundreds	Tens	Ones
gho			
lagay			
shoes			
socks			
Total amount			

b. Look at the shapes given below.

[2]

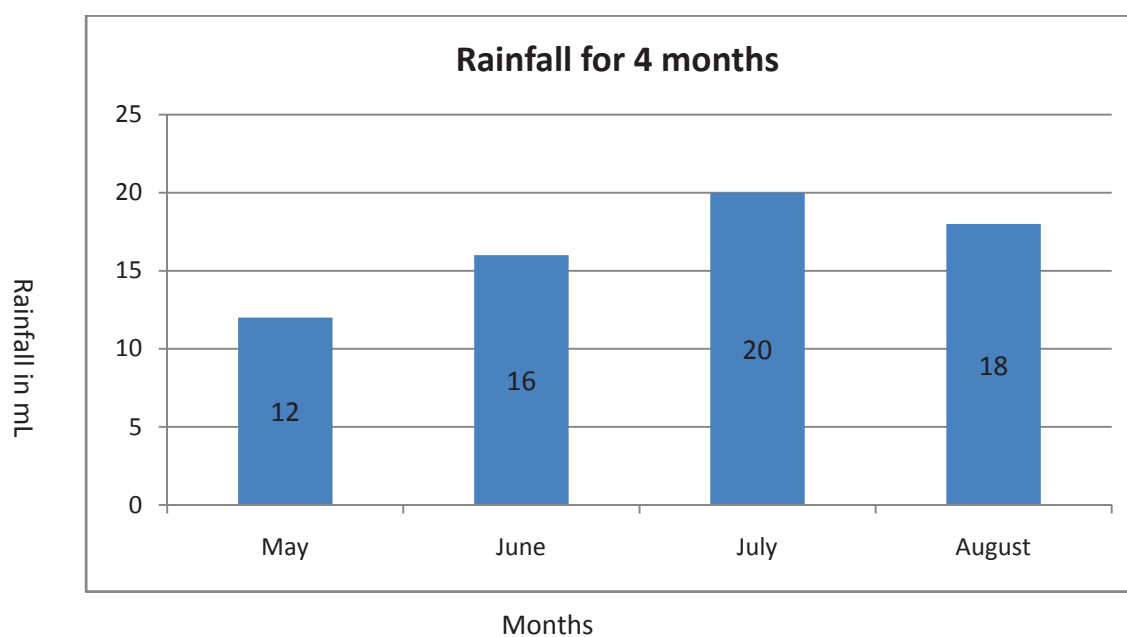


Which shape will have **two** lines of symmetry, shape **A** or **B** ? Draw a line of symmetry through each of them.

Question 8

[4]

Answer the questions about the bar graph given below.



a. Which month has the **heaviest** rainfall? How do you know?

[1]

b. How much **more** rainfall was there in July than in May?

[2]

- c. Do you expect more rainy days in the month of September? Yes or No. Why? [1]

Question 9 [4]



- a. Make the **greatest 3-digit** number using these cards. Write your answer on the blank cards. [2]

Three empty square boxes with rounded corners are arranged horizontally, intended for the student to write the digits of the greatest 3-digit number.

- b. Draw a **3-D** shape. Also draw a **net** of the shape. [2]

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