KENDRIYA VIDYALAYA SANGATHAN
REGIONAL OFFICE
HYDERABAD
SUBJECT: MATHEMATICS
CLASS: V
SESSION ENDING EXAM (Term-2)

MODEL PAPER

SET - 10

MAX. MARKS :40 M   **TIME : 90 MINUTES**

COMPETENCY	KNOWLEDGE (10)	UNDERSTANDING (10)	ABILITY TO COMPUTE (10)	PROBLEM SOLVING ABILITY (10)	TOTAL (40)
SECURED MARKS					

KNOWLEDGE   10M

1) Write it in Centimetres 89 mm = _____ cm _____ mm   **VSA(1M)**

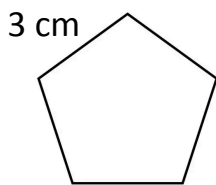A) 8cm 9mm.   B) 9cm 8mm   C) 8cm 8mm.   D) 9cm 9mm

2) All my angles are right angles, but all my sides are not equal   **VSA(1M)**
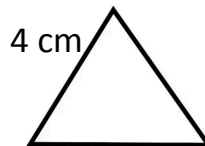
   Who am I?_____

3) Find the perimeter of the following shapes and write them in the blanks given. (All sides of the following shapes are equal.)   **SA(2M)**
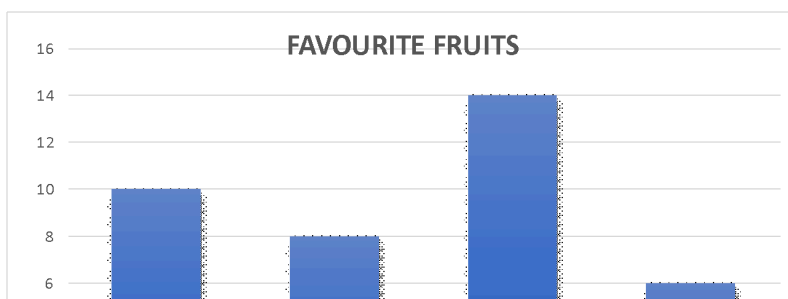
3 cm

_____cm

4 cm

_____ cm

4) In the below given graph favourite fruits of class 5 students are given observe it an answer the below given questions.   **LA(4M)**

FAVOURITE FRUITS

16

14

12

10

8

6

a) Which fruit is most students' favourite fruit**?**   _____

b) How many students do like banana?   _____

c) What is the least liked fruit?   _____

d) Which fruit is liked by only 10 students**?**   _____

5) If one bell rings once in 3 hours, the other one rings once in a 4hours then how many times in a day do both bells ring at same time?   **SA (2M)**

Ans._____

_____

_____.

<u>**UNDERSTANDING**</u>   **(10M)**

6. Is it possible to make a triangle where all three sides are unequal? If yes draw it. **VSA(1M)**

A**:**   _____

7.Draw one rectangle whose perimeter is 18cm.   **VSA(1M)**

8. Sabina cycles 160 km in 20 days by covering same distance each day.

How many kilometres does she cycle each day?   **SA(2M)**
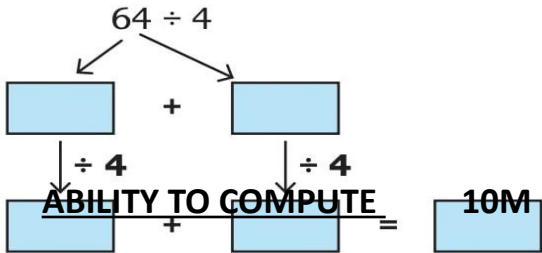
Ans._____

_____.

9. Look at the angle formation between the legs of these gymnasts. Identify whether the angles are acute, obtuse, right or straight. **SA(2M)**

Quantity	Unit of measurement Metre (m) or centimetre (cm)
Height of India Gate	42
Length of a handkerchief	40
Depth of a well	50
Length of a mobile phone	10
Length of an elephant's trunk	2
Distance between two buttons on a shirt	5

10. Identify the appropriate units for measuring each of the following. **LA(4M)**
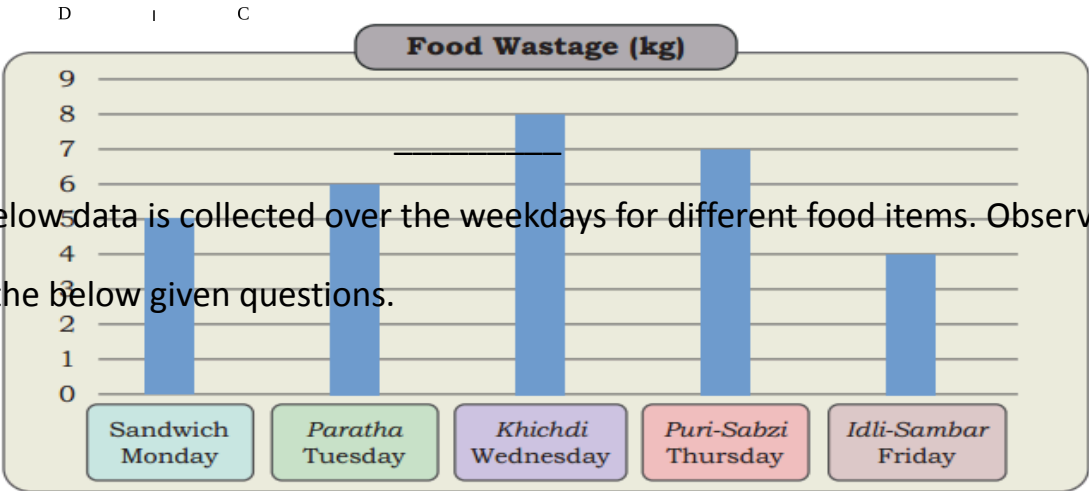
$$64 \div 4$$

ABILITY TO COMPUTE   10M

11. fill the boxes with appropriate numbers. **VSA(1M)**

12. What will be the total angle if you add 4 internal angles in a square. **VSA(1M)**

Food Wastage (kg)

| | Sandwich Monday | Paratha Tuesday | Khichdi Wednesday | Puri-Sabzi Thursday | Idli-Sambar Friday |

13. Given below data is collected over the weekdays for different food items. Observe it and answer the below given questions. **SA(2M)**

A. Which food items in week are wasted more than 6 kilos in week ? _____, _____

B. What is the total weight of food wasted in total 5 days given above? _____

14.Solve the below given problems.

| 90 | 22 | 38 | 30 | 75 |

a)When the minute hand moves by 15 minutes, it has made a _____ .

| 45 | 66 | 78 | 62 | 40 |

B) When the minute hand has turned by 1 12 of a full turn, it h _____ minutes.

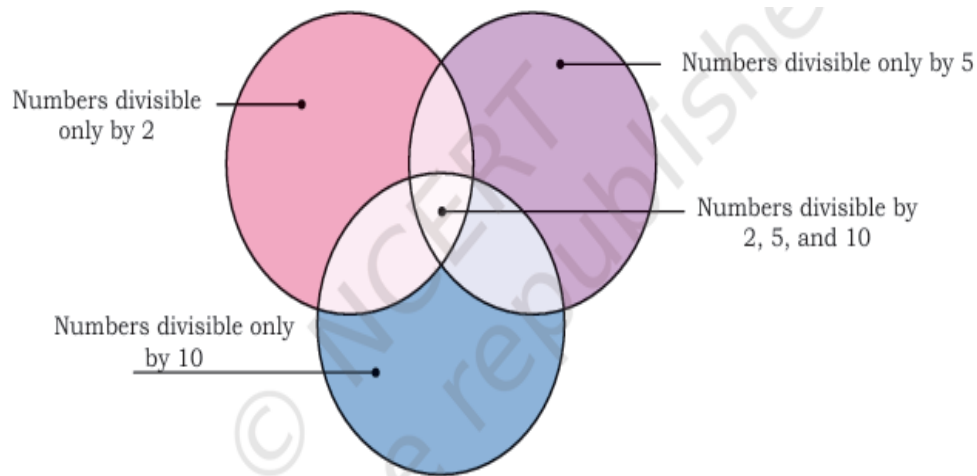| 84 | 56 | 25 | 95 | 55 |

15.Sort the side given numbers into those that are   **LA(4M)**

   (a) divisible by 2 only.   (b) divisible by 5 only

   (c) divisible by 10 only   (d) divisible by 2, 5, and 10.

Numbers divisible only by 2

Numbers divisible only by 5

Numbers divisible by 2, 5, and 10

Numbers divisible only by 10

PROBLEM SOLVING ABILITY   **(10M)**

16.Make different arrays for 12.   **VSA(1M)**

Halve 144   Halve _____

$144 \div 4$

17. Solve this   **VSA(1M)**

18.Rani is planning to host a party. She estimates that 250 guests will attend. She plans to serve one samosa to each guest. Samosas are available in packs of 6 or 8. Which pack should Rani buy? Explain your answer.   **SA(2M)**
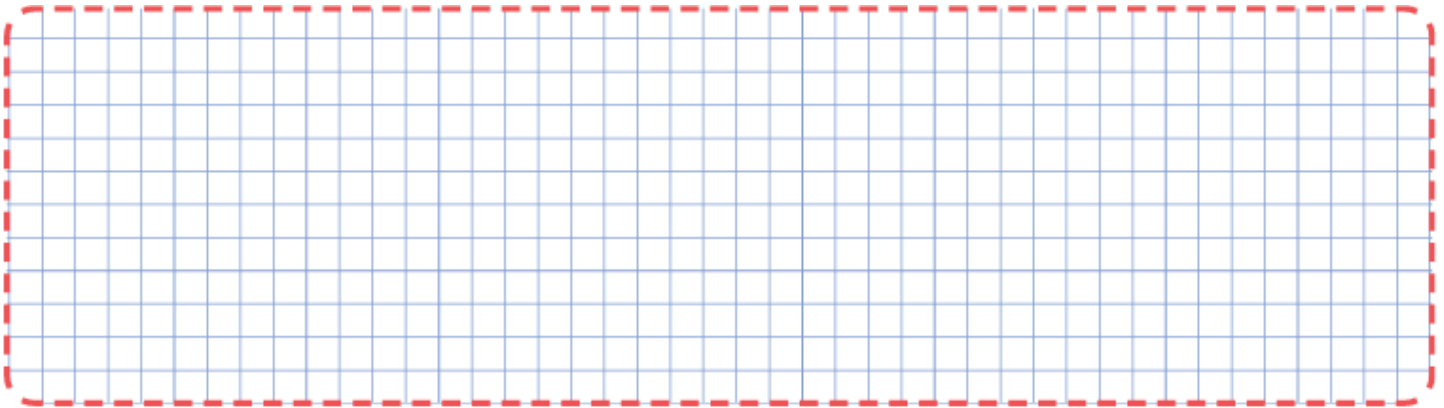
Ans._____

_____

_____.

19.If Raju walks 2 kilo metres a day, then how many metres will he cover in entire week? **SA(2M)**

Ans._____

_____

_____.

20. In the grid given below, draw two different kites and parallelograms each.   **LA(4M)**

ROUGH SPACE