CLASS V

INDEX

Delhi Public School, Gandhinagar
P.T –I Revision Paper (2022-23)

Class : V	**Mathematics**	Date:
Time:		M. Marks:

Name:_____ **Sec:**_____ **Roll No.:**_____

CH 1: LARGE NUMBERS

Q I   **Choose the correct options.**

1.   The largest 8-digit number using the digits 2, 1, 6, 7, 4, 8, 5, 9 is

a) 9,87,65,421   b) 9,87,65,412   c) 9,78,65,421

2.   The Hindu-Arabic numeral for CCXLIX is

a) 246   b) 249   c) 348

3.   7,00,00,000 + 20,00,000 + 1,00,000 + 500 + 4 is the expanded form of

a) 7,21,00,504   b) 7,2,10,504   c) 7,01,20,504

QII   **Solve the following.**

1.   Write the following number in words for Indian Number System and International number system:

789043216

2.   Solve the following:

(a) CMXCIX – DCCXLII   (b) MX1X – DCCXXXIII

QIII   **Do as directed.**

1. The number that is 100 less than 10000 is
   a) Nine thousand   (b) Nine thousand nine hundred

   (c) Ten thousand nine hundred   (d) Nine thousand nine hundred and ninety

2. Which of the following makes sense to round to the nearest 10 digit number?
   a) Your friend's telephone number   (b) The PIN code of your city or town
   (c) The number of pages in your Maths book   (d) The year of your birth

CH 2: FOUR OPERATIONS

Q I   **Choose the correct option.**

1. If 20 is divided by 6, the quotient is 3 and the remainder is 2. If 453 is divided by 5, the quotient is equal to

   a) 9   b) 90   c) 93

2. The result of which of these multiplications is 5103?

   a) 73 X 73   b) 50 X 23   c) 189 X 27

3. 217 + 398 + 783 - 308 + 7 equals

   a) 1195   b) 1097   c) 1083

QII   **Solve the following.**

1. Multiply: 3,612 x 438

2. 53,960 ÷ 41

3.   Subtract: 89105222 – 5678943

4.   A tourist travels 590 km per day. How much will she travel in 35 days?

5.   On Thursday, a vegetable market sold 210 pounds of potatoes. On Friday
       they sold twice that amount. On Saturday they only sold 130 pounds. How
       much more potatoes did they sell on Friday than Saturday?

QIII   **Do as directed.**

1. $95 + 95 + 95 + 95 + 95 - 93 - 93 - 93 - 93 - 93 = 5$ times the number that
       should be in the empty box is
       a) 2   (b) 5   (c) 93   (d) 95

2.   Rohit squeezed 12 lemons to make lime juice for 8 people. On counting
       again, he finds actually there are 10 people. How many more lemons would
       he need?

       a) 2   (b) 3   (c) 4   (d) 5

CH 1: LARGE NUMBERS

Q I   **Choose the correct options.**

1.   The smallest 8- digit number with 5 as one of the digits is

    _____.

    a) 1,85,00,000   b) 1,00,00,005   c) 85

2.   The digit with the same place value and the face value in 31,09,804 is ____

    a) 0   b) 3   c) 1

3.   Find the sum of the greatest 6-digit number and the smallest 5- digit number.

    a) 999999   b) 10000   c) 1009999

QII   **Solve the following.**

1.   Write the following number in words for Indian Number System and International number system:

    45678930

2.   Round to the nearest 10, 100 & 1000:

    a) 999   b) 88, 645

3. Write the Roman numerals for:

(a) 2014   (b) 1167

4. Form the required number by repeating the given digits:
a. Smallest and largest 8-digit number:
i. 5,6,7,0, 8

QIII   **Do as directed.**

1. The question is based on this dartboard. In this game, a player scores points by throwing darts at the board. Points are earned according to the area of the dartboard where the dart lands. What would be the MINIMUM number of throws needed to get a total score of 230 on this dartboard?
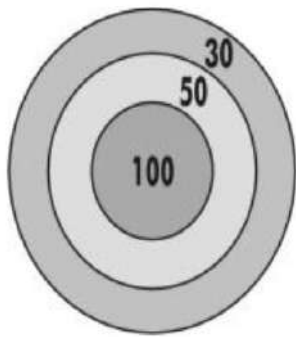
2. Which abacus shows the number three thousand nine hundred and five? (The ones' place is marked as 'O')

CH 2: FOUR OPERATIONS

Q I   **Choose the correct option.**

1.   What must be added to 83,479 to get the smallest 6- digit number?

a) 83,485   b) 16,521   c) 1,00,000

2.   If one lakh fifty thousand added to five crore nine thousand is_____.

a) 50159000   b) 11590000   c) 50590000

3.   178301 x 0 x 678 = _____

a) 678   b) 1,78,301   c) 0

4.   ___ ÷ 48,675 = 0

a) 0   b) 100   c) 10

QII   **Solve the following.**

1.   Add: 4,11,598 + 8,76,557 + 63,31,565

2.   Multiply the following:

a) 6525×725

3. $4625 \div 25$

4.   Subtract: 98105245 – 31567899

5.   A factory manufactured 2,42,340 toys in a year and sold 1,32,200 toys during the same year. How many toys are left behind?

6.   In a warehouse, there are 1,24,312 bags of rice, 2,12,530 bags of wheat and 46,500 bags of sugar. What is the total number of bags stored in the warehouse?

QIII   Do as directed.

1.   Aman wanted to use his calculator to subtract 984 from 2503. He entered 2303 - 984 by mistake. What could he do to correct his mistake?
a) Add 2   b) Subtract 2   c) Add 200   d) Subtract 200

2. Read the following carefully to answer the question.

A group of tribals living on an island use thin square slabs of wood (with symbols on them) as money. The three types of slabs they use are shown below.

The value of a slab depends on the symbol on it.

Balua, a member of the tribe, needs some ☆ .How many can he get in exchange for 10 ☀

1 ☀ = 10 ☾

and

1 ☾ = 25 ☆

Option A	Option B	Option C	Option D
35	45	250	2500

3. Which of these is a correct way of calculating 47 times 23?

a) Find 47 times 2 and 47 times 3 and ADD the answers.

b) Find 47 times 20 and 47 times 3 and ADD the answers.

c) Find 47 times 2 and 47 times 3 and MULTIPLY the answers.

d) Find 40 times 20 and 7 times 3 and ADD the answers.

4. Sujay arranged the marbles that he had in the manner shown. Which of the following division facts is best represented by this grouping of marbles? (ALL the marbles must be considered.)

Option A	Option B	Option C	Option D
21 divided by 5 gives quotient 4 and remainder 1	21 divided by 7 gives quotient 3	20 divided by 5 gives quotient 4	5 divided by 4 gives quotient 1 and remainder 1

CH 3: MULTIPLES AND FACTORS

Q I   **Choose the correct option.**

1.   Which of these numbers is divisible by 11?

a) 123244   b) 123241   c) 123240

2.   What is the fifth multiple of 15?

a) 62   b) 75   c) 90

3.   The HCF of 3 and 17 is _____.

a) 2   b) 1   c) 13

4.

Which of the following are not multiples of 2?

a) 6   b) 18   c) 9

QII   **Solve the following.**

1.   Find the factors of 25.

2.   Write the first four multiples of 20.

3.   Factorise the following using long division method:

(a) 42   (b) 525

4. Draw the factor tree of 190.

5. Find the LCM of the following by **the multiples method, division method and the prime factorization method.**

   a) 33, 44, 55   (b) 24, 48, 72

6. Find the HCF of the following by **the prime factorization method and long division method.**

   (a) 72, 108, 132   (b) 16, 20, 24

7. The HCF and the LCM of two numbers are 6 and 236 respectively. If the first number is 24, find the second number.

8. There are 72, 108 and 132 strawberries in three different baskets. What is the largest group into which the strawberries can be split, if they have to be arranged equally?

QIII   **Do as directed.**

1.

24 can be expressed as the product of two numbers in 4 different ways: 24 x 1, 12 x 2 , 8 x 3 and 4 x 6. In how many different ways can 42 be expressed as a product of two numbers?

Option A	Option B	Option C	Option D
3	4	5	6

2.

Leela is making gift packets for a group of friends. Each packet contains 8 toffees and 5 lollipops. If the total number of lollipops needed was 30, the number of toffees needed would be

Option A	Option B	Option C	Option D
48	40	33	30

CH 6: GEOMETRY

Q I   **Choose the correct option.**

1.   Half of a right angle is ───────────

a) 90°   b) 35°   c) 45°

2. Name the angle which measures more than 0° degree but less than 90°.

    a) Obtuse angle   b) Acute angle   c) Right angle

3. The measure of straight angle is _____.

    a) 180°   b) 95°   c) 55°

4. An angle measuring more than180° and less than 360° is a _____ angle.

    a) straight   b) zero   c) reflex

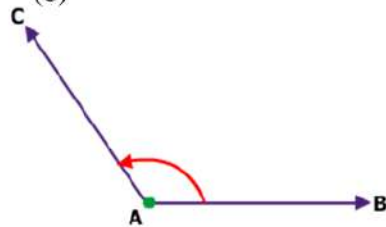**QII**   **Solve the following.**

1. Construct the following angles and identify their type.

    (a) 105°   (b) 320°

2. Measure the following angles by using a protractor and name them.
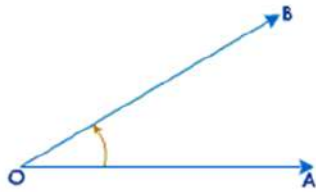
3. Define the following angles:

    a) Acute angle

    (b) Right angle

(c) Obtuse angle

(d) Straight angle

(e) Reflex angle

(f) Complete angle

QIII   **Do as directed.**

1.

Which of the angles below is nearest in measure to the one formed by the boy's arms?		D

Option A	Option B	Option C	Option D

2.

How many right angles are there in this polygon?	

Option A	Option B	Option C	Option D
3	2	1	0

CH 10:MATHEMATICS IN DAILY LIFE

Q I **Choose the correct option.**

1. **The selling price of an object is ₹ 55 and the cost price is ₹ 35. Here, the seller has made a profit of _____**

   a) 20   b) 25   c) 10

2. **If the cost of 18 mangoes is ₹ 720, then the cost of 5 apples is _____**

   a) 20   b) 200   c) 250

QII **Solve the following.**

1. If S.P = ₹ 4,586 and profit = ₹ 186, What is the C.P?

2. If cost price of an article is ₹ 560 and its selling price is ₹ 430.Find profit or loss.

3. A van was bought for ₹ 4,24,310 and sold for ₹ 3,20,000. Find out the profit or loss of the van owner.

QIII **Do as directed.**

1. A customer purchases a new T.V. set under an exchange scheme by giving his old T.V. set and paying Rs. 5,200 cash. If the actual price of the new T.V. is Rs. 12,000 how much is the old T.V. worth?

Option A	Option B	Option C	Option D
Rs. 6,800	Rs. 6,700	Rs. 7,800	Rs. 17,200

2. A dealer of second hand cars buys two cars as per the following details: A buyer offers him Rs. 1,40,000 for the two cars. What will be the dealer's profit or loss?

No.	Car	Year of Manufacture	Price (Rs.)
1.	Maruti 800	1992	75,500
2.	Ambassador	1990	62,000

Option A	Option B	Option C	Option D
Rs. 7,500 profit	Rs. 7,500 loss	Rs. 2,500 profit	Rs. 2,500 loss

CH 9:TIME AND TEMPERATURE

Q I **Choose the correct option.**

1. Write the interval between 7:15 am and 8:05 am in seconds.

   a) 50 sec   b) 3000 sec   c) 10 sec

2. Convert 158° F into Celsius scale.

   a) 70° F   b) 30° F   c) 40° F

3. 3 hour 30 minutes = _____minutes

   a) 175 minutes   b) 210 minutes   c) 255 minutes

4. I left for school at 8:15 a.m. Convert the time to the 24-hour clock time.

   a) 15:15 hours   b) 20:15 hours   c) 8:17 hours

QII **Solve the following.**

1. Subtract the following: 6h 40min - 5h 35min

2.   What time is it 3 hours before 4: 40 a.m.?

3.   Convert into seconds : 5 minutes 20 seconds

4.   Shiela reached the library at 12:05 p.m. The bus ride to the library lasted
        45 minutes. At what time did Shiela board the bus?

QIII   **Do as directed.**

1.   A game of football consists of a total playing time of 90 minutes and a break of
        15 minutes at half time. A football match begins at 3:25 PM. At what time will
        the match end?

Option A	Option B	Option C	Option D
5:10 PM	4:15 PM	4:30 PM	4:40 PM

2.   Mrs. Gupta has to take a flight at 2 o'clock at night. She goes to bed at twenty
        minutes past nine and sets the alarm on her clock to wake up in time for her
        flight. Which of these could be the time for which Mrs. Gupta has set the alarm?

Option A	Option B	Option C	Option D
12:30 AM	1:00 PM	11:50 PM	12:45 PM

1. In which of the following numbers does the digit 1 have a place value of 10?

Option A	Option B	Option C	Option D
Three thousand and one	One thousand two hundred and five	Five thousand and nineteen	Seven thousand one hundred and two

2. In all, how many 3-digit numbers are there which have 5 in the units' place?

Option A	Option B	Option C	Option D
10	90	99	100

3. Wasim wants to buy sweets to distribute on his birthday. He wants to give 2 sweets to each of his 35 friends and have 10 sweets extra. How should he calculate the number of sweets to buy?

Option A	Option B	Option C	Option D
35 + 2 + 10	35 + 2 X 10	35 X 2 + 10	35 X 2 X 10

4. What number comes in the blank?

20 X 47 X 5 = ___ X 100

Option A	Option B	Option C	Option D
5	20	47	235

5.

Which of the following would be the correct way to find the missing digit '?' in the subtraction shown below.

```
  9 1 0 7
- 1 ? 1 9
  7 7 8 8
```

Option A	Option B	Option C	Option D
subtract 1 from 7	subtract 7 from 11	Subtract 0 from 7	subtract 7 from 10

Delhi Public School, Gandhinagar
Mock test Paper (TERM-I) (2022-23)

Class V	**Mathematics**	Date:
Time: 2 hours		M. Marks: 50

Name:_____ Sec:_____ Roll No.:_____

Q-I   **Choose the correct option.** $10\times1=10$

1. The predecessor of 1,23,450 is
   a) 1,23,451   b) 1,23,450   c) 1,23,449

2. 4,53,568 - _____ = 0
   a) 4,53,568   b) 4,53,567   c) 4,53,562

3. Which of these numbers is divisible by 6?
   a) 23456   b) 23466   c) 23455

4. If two numbers have only 1 as their common factor, then they are called _____
   a) prime   b) coprimes   c) twinprime

5. An angle that measures exactly 180^0 is a _____ angle.
   a) straight   b) acute   c) obtuse

6. A _____ is an instrument used to measure angles.
   a) net   b) protractor   c) cube

7. 2 years 20 days = _____ days
   a)   b)   c) 750

8. Water boils at _____^{0} F.
   a) 212   b) 196   c) 180

9. If SP = CP, then there will be
   a) profit   b) loss   c) no profit, no loss

10. If one box of pencils costs ₹ 20. What is the cost of 20 boxes?
    a) ₹ 4,000   b) ₹ 400   c) ₹ 40

Q-II   **Solve the following.** $7\times2=14$

1. Form the smallest and greatest 8-digit number by repeating the given digits:
   3, 1, 0, 9, 2, 4

2.   Multiply: 67,395 x 46

3.   Find the LCM of 12 and 16 by multiples method.

4.   Find the HCF of 124 and 224.

5.   Construct 120^0 and identify its type.

6.   Find the cost price if selling price is ₹ 679 and profit is ₹ 80.

7.   Convert 649 hours into minutes and seconds.

Q-III   **Do as directed.**   **10×2=20**

1.   Which of the following numbers is between the two numbers given in the box?

> Five thousand six hundred and ninety
>
> Five thousand and ninety six

a) 5906   b) 5069   c) 5960   d) 5609

2.   37 x 19 is greater than 36 x 19. 36 x 19 is greater than 36 x 18. By how much is 37 x 19 greater than 36 x 18?

a) 1   b) 2   c)55   d) 56

3.   Which of the following is the smallest?

a) 67 divided by 67   b) 67 divided by 1   c) 67 times 67   d) 67 times 1

4.   24 can be expressed as the product of two numbers in 4 different ways: 24 x 1, 12 x 2 , 8 x 3 and 4 x 6. In how many different ways can 42 be expressed as a product of two numbers?

a) 3   b) 4   c) 5   d) 6

5. Leela is making gift packets for a group of friends. Each packet contains 8 toffees and 5 lollipops. If the total number of lollipops needed was 30, the number of toffees needed would be

a) 48   b) 40   c) 33   d) 30

6. A cube has 8 corners. The solid shown below is made by joining 3 cubes. How many corners does it have?
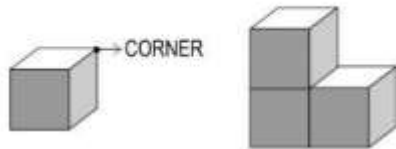
a) 24   b) 14   c) 12   d) 10

7. A straight road has 5 street lamps fixed at equal intervals of 10m 60cm. What is the distance between the first lamp and the fifth?

a) 40 m 60 cm   b) 42 m 40 cm   c) 53 m   d) 64 m

8. A train leaves town P at 12:05 pm. At what time will it reach town Q, if the journey takes 1 hour and 42 minutes?

a) 1:37 PM   b) 1:47 PM   c) 3:47 PM   d) 3:47 AM

9.

Sophia is arranging straws on the floor to form houses like the one shown below.

After using up a packet of 50 straws to form as many houses like these as possible, she finds that the last house is incomplete.

How many MORE straws would she need to complete the house that is incomplete?
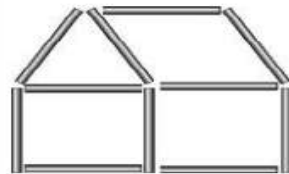
a) 5   b) 6   c) 11   d) 23

10.

This is part of a biscuit packet wrapper. Which of these can be found out from the information on it?

CRUNCHY BISCUITS

Net Wt.: 100g   MRP: Rs. 6/-

a) The number of biscuits in this packet

b) The price of each biscuit

c) The weight of each biscuit

d) The cost per kg of the biscuits

Q-IV   **Solve the following word problems.**   **2×3=6**

1.   Three rabbits can hopb4 feet, 3 feet and 5 feet forward respectively in each hop. If they start from a point in the same direction, after how many feet will all three of them touch the same feet line the next time?

2.   Rama bought a saree for ₹ 2800 and sold it at a profit of ₹ 350. What was the selling price?

TERM - 2

Delhi Public School, Gandhinagar
P.T –II Revision Paper (2022-23)

| Class : V | **Mathematics** | Date: |
| Time: | | M. Marks: |

Name:_____ Sec:_____ Roll No.:_____

CHAPTER 4 : FRACTIONS

Q-I		Choose the correct options.	
	1.	What is $\frac{16}{24}$ in lowest term? a) $\frac{2}{3}$ b) $\frac{3}{4}$ c) $\frac{6}{4}$ d) $\frac{5}{4}$	
	2.	Add : $\frac{6}{13} + \frac{5}{13} =$ ____ a) $\frac{12}{13}$ b) $\frac{11}{13}$ c) $\frac{1}{13}$ d) $\frac{15}{13}$	
	3.	Fill in the blanks. $\frac{3}{7} = \frac{}{42}$ a) 18 b) 49 c) 6 d) 7	
Q-II		Solve the following	
	1.	Find two equivalent fractions for the fraction given: $\frac{3}{4}$ Ans	
	2.	Compare the following fractions and put > , < or = in the blank given below: **a)** $\frac{4}{7}$ $\frac{11}{8}$	
	3.	Rearrange in descending order. $\frac{5}{13}, \frac{7}{13}, \frac{3}{13}, \frac{2}{13}, \frac{11}{13}$	

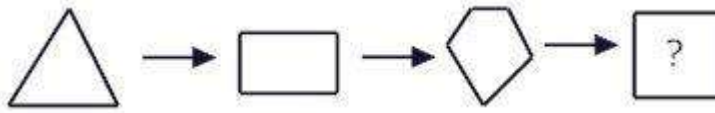|			
		Ans	
	4.	Sam bought $\frac{1}{2}$ kg of sugar from one shop and $\frac{2}{3}$ kg of sugar from the other shop. How much sugar did he buy in all? Ans	
Q-III		**Do as directed.**	
	1.	What mixed number represents the yellow shaded portion of the two models shown below? Ans	
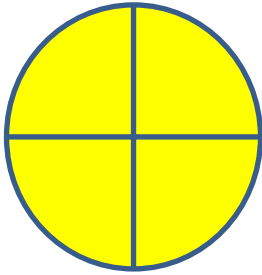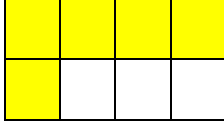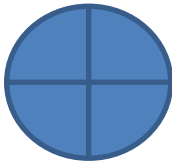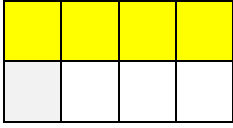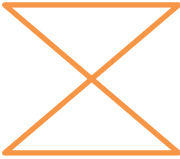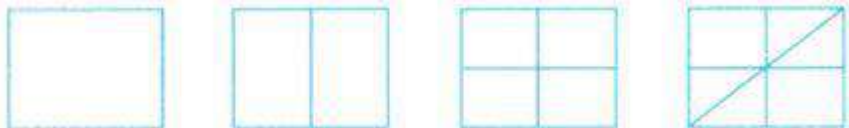
	2.	Which of the following is wrong about following figure? a) $\frac{4}{4}$ b) $\frac{1}{2}$ c) $\frac{1}{1}$	
	3.	Which of these is the correct figure to use to show : $\frac{5}{8}$ a) b) c) Ans	
		SEA: Exploring Fractions (Maths Lab Manual)	
		CHAPTER 7: PATTERNS AND SYMMETRY	
Q-I		**Choose the correct options.**	
	1.	Complete the pattern: 1, 2, 5, 14, _____, a) 41 b) 40 c) 42 d) 45	
	2.	How many of the following letters have at least one line of symmetry? **INDIA** a) 2 b) 3 c) 4 d) 5	
	3.	Which letter in the English alphabet look the same after half a turn? a) A b) V c) X d) R	

Q-II		Solve the following.	
	1.	Give a $\frac{1}{4}$ turn to the following in clockwise direction. (a) b) b) a)	
	2.	Complete the pattern: **Ans**	
	3.	Draw the reflection of the following. a) b)	
Q-III		**Do as directed.**	
	1.	Complete the pattern:	
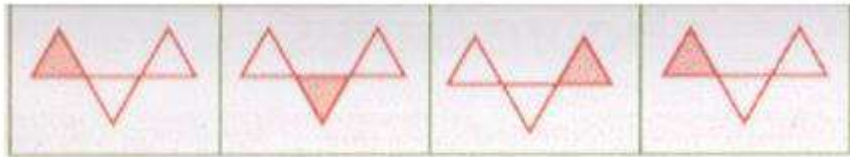
Ans ;

	2.	Find the next figure in pattern. a) b) c)	
	3.	Find the number of lines of symmetry in the given figure: Ans:	
		SDG Group Project: Symmetry through paper folding	
		Worksheet: Form nets of cube and cuboid (Maths Lab Manual)	
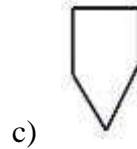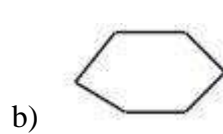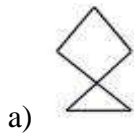
Delhi Public School, Gandhinagar
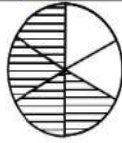**Annual Revision (2022-23)**

Class : V	**Mathematics**	Date:
Time:		M. Marks:
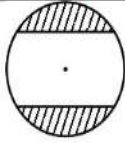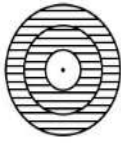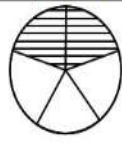
Name:_____ Sec:_____ Roll No.:_____

Chapter : 4 FRACTIONS

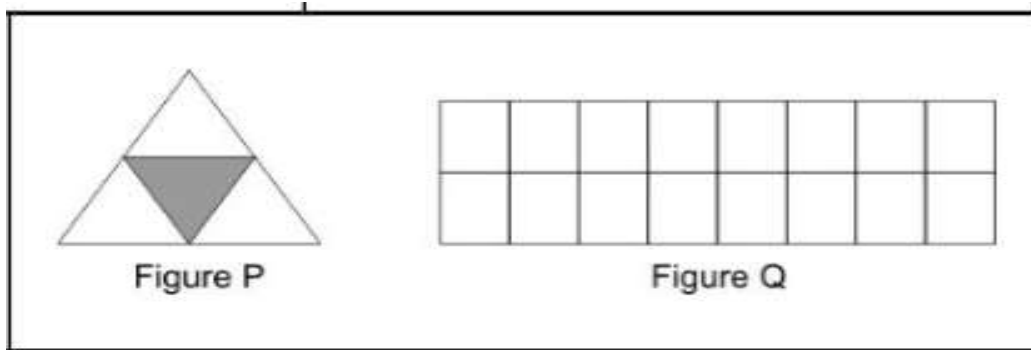| Q-I		Choose the correct options.
	1.	Which number should come in the given blank? $$\frac{1}{7} + \frac{2}{7} + \frac{\square}{7} = 1\frac{3}{7}$$ a) 2 b) 3 c) 7 d) 5
	2.	What is the lowest term of $\frac{14}{28}$? a) $\frac{5}{4}$ b) $\frac{3}{4}$ c) $\frac{1}{2}$ d) $\frac{3}{2}$
	3.	What fraction of an hour is 15 minutes? a) $\frac{1}{4}$ b) $\frac{3}{4}$ c) $\frac{1}{2}$ d) $\frac{6}{5}$
Q-II		Solve the following.
	1.	a) $8\frac{1}{4} - 1\frac{3}{12}$ b) $1\frac{1}{7} + 4\frac{2}{3}$

		b) Solve: $\dfrac{6}{15} + \dfrac{7}{15}$ Ans
	2.	Compare using >, < or =. a) $\dfrac{9}{15}$ $\dfrac{21}{10}$
	3.	Find two equivalent fractions of each. Use multiplication or division method. a) $\dfrac{9}{18}$ b) $\dfrac{6}{7}$
	4.	There was $\dfrac{4}{5}\,kg$ sugar at home. $\dfrac{1}{3}$ kg sugar was used to make payasam. How much sugar is left?
Q-III		**Do as directed.**
	1.	Which circle is two thirds shaded?

		Answer Options

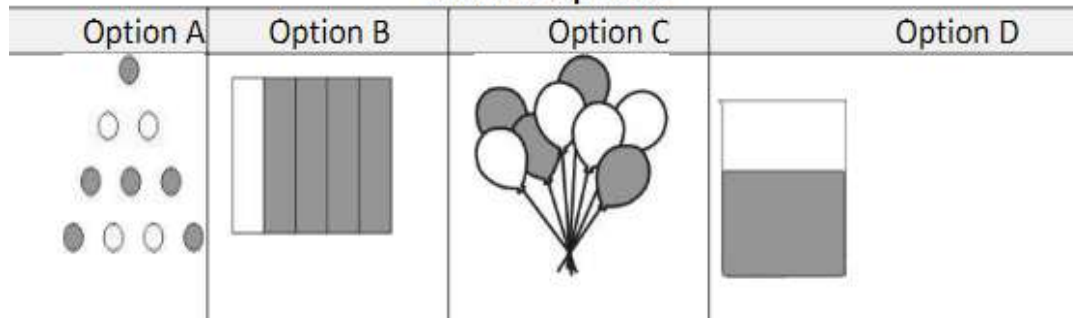| Option A	Option B	Option C	Option D
A	B	C	D

Ans :

2.	How many parts should be shaded in figure Q to make it represent the same fraction as the unshaded part of figure P?	

Figure P   Figure Q

Ans:

3.	In which figure does the shaded part represent a fraction that is MORE than $\frac{3}{4}$?	

		Answer Options			
		Option A	Option B	Option C	Option D

Ans:

		Chapter 5: DECIMALS
Q-I		**Choose the correct options.**
	1.	Write 12.53 in fraction form. a) $\dfrac{1253}{100}$ b) $\dfrac{1253}{1000}$ c) $2\dfrac{1253}{10}$ d) $\dfrac{1}{2}$
	2.	30 tens + 6 thousand is equal to a) 6300 b) 3600 c) 3006 d) 36
	3.	8 thousands + 7 tens = 6 thousands + ___ tens a) 307 b) 107 c) 207 d) 360
	4.	What is the decimal fraction shown by the shaded part of the figure given below? a) 0.4 b) 0.5 c) 1.4 d) 3.6
Q-II		**Solve the following.**
	1.	Arrange in descending order. 1, 1.1, 101, 1.001 Ans:
	2.	Subtract: 20.4 - 10.39 Ans :
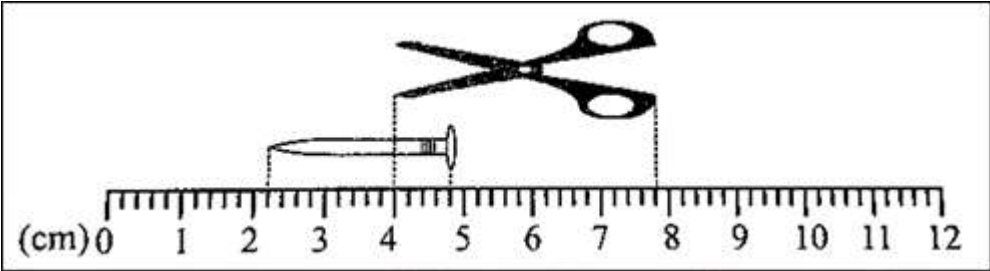
	3.	Write the expanded form as a decimal: 10 + 0.3 + 0.007 Ans;
	4.	A chemist mixed 6.35 grams of one compound with 2.45 grams of another compound. How many grams were there in the mixture? **Solution :**
Q-III		**Do as directed.**
	1.	If A = 2.5. B = 4.5. C = 1.25 then value of 7A + 5B is_____ Ans
	2.	How much money is left out of 20 rupees note if I paid 5.25 for potatoes and 0.5 for chilly? Ans:
	3.	What is the difference between the length of the pair of scissors and the nail? Ans

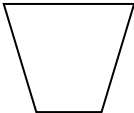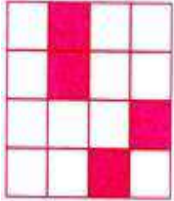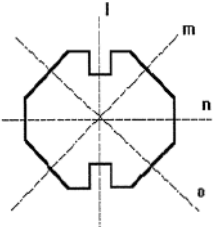|		
		Chapter 7: SYMMETRY AND PATTERNS
Q-I		**Choose the correct options.**
	1.	Complete the pattern: 1, 4, 13, 40, _____ a) 121 b) 40 c) 142 d) 60
	2.	Taj Mahal has --------- line of symmetry. a) Only Horizontal b) only Vertical c) Neither horizontal nor vertical
	3.	*Which of these letters in the alphabet does not have line symmetry?* a) F,G,J,L,N,P,Q,R,S,Z b) F,G,J,L,N,P,Q,R,S,Z,C c) F,G,J,L,N,P d) Q,R,S,Z,B,Y
Q-II		**Solve the following.**
	1.	Change the shape so that the new shape looks the same on a $\frac{1}{2}$ turn. (a)
	2.	Complete the pattern given below: (a) 1, 3,7,15,31, _____, _____
	3.	Draw the lines of symmetry for these shapes.
Q-III		**Do as directed.**

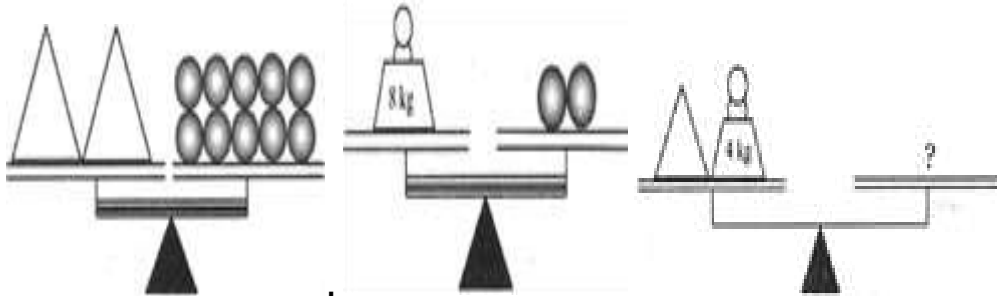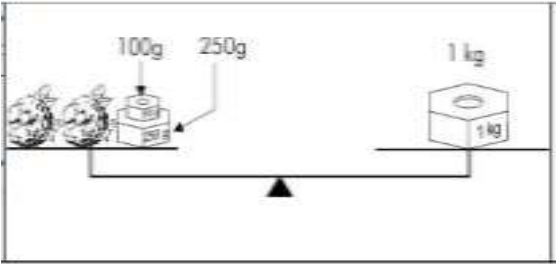|		
	1.	At what time, between 10 o'clock and 11 o'clock are two hands of clock symmetric with respect to the vertical line (give the answer to the nearest second)? Ans
	2	The minimum number of squares that must be shaded, so that the figure has a line of symmetry is _____. Ans
	3.	Which of the lines in the picture are lines of symmetry of the figure? a) n and o b) L and n c) m and n d) L
		Chapter 8: METRIC MEASURES
Q-I		**Choose the correct options.**
	1.	10 km 250 m = ___ km a) 10250 km b) 0.250 km c) 10.250 km d) 250 km

| | 2. | How many ⬤ do you need to balance the last set-up? If

a) 6   b) 9   c) 10   d) 12 |
|---|---|---|
| | 3. | Thickness of book = 95 mm = _____ cm
a) 9.5   b) 950   c) 0.95   d) 9500 |
| | 4. | About how tall is the girl shown below if the height of the water bottle next to her is 20 cm?

a) 120 cm   b) 50 cm   c) 90 cm   d) 40 cm |
| **Q-II** | | **Solve the following.** |
| | 1. | Convert: 0.85 l = _____ ml
Ans: |
| | 2. | Add: 6 kg 450 g + 5 kg 250 g
Ans: |
| | 3. | Subtract: 40 m – 80 cm
Ans: |

	4.	A truck was loaded with 352 kg 100 g of pumpkins and 207 kg 432 g of watermelons. Find the total weight carried by the truck. Ans:
Q-III		**Do as directed.**
	1.	Mrs. Roy buys two cauliflowers in the market which the vegetable seller weighs as shown below. How much did the two cauliflowers (together) weigh? Ans
	2.	In the picture below, about how long is the matchstick if the height of the candle is 12 cm? a) 4 cm b) 5 cm c) 6 cm

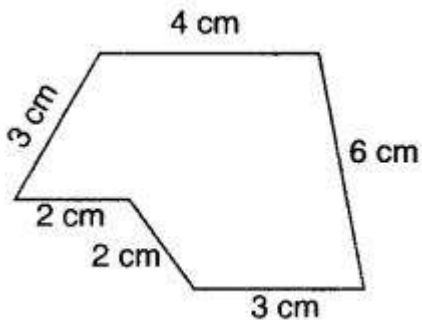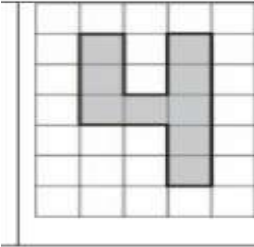|		
	3.	One third of a chocolate bar weighs 30 g. How much will the whole chocolate weigh? Ans
		Chapter 10: PERIMETER, AREA AND VOLUME
Q-I		**Choose the correct options.**
	1.	What will be the area of a rectangle whose length is 6cm and breadth is 5cm? a) 30　　　　　b) 18　　　　　c) 15　　　d) 90
	2.	Perimeter of a square = 36 cm. Its side = ____ a) 3　　　　　b) 6　　　　　c) 9　　　d) 4
	3.	**The perimeter of the figure is_____** a) 16 cm　　　　　b) 18 cm　　　　　c) 20 cm　　d) 50 cm
Q-II		**Solve the following.**
	1.	Find the area: a) Side = 15 cm　　　　　b) Length = 6 cm , Breadth = 5 cm

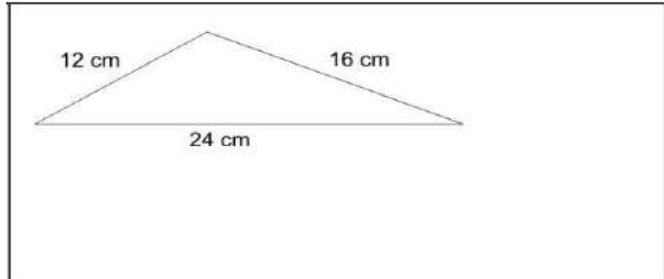|		
	2.	The perimeter of a square is 64 cm. Find the length of the sides of the square.
	3.	Find the perimeter of the following. a) Side = 9 cm b) Length = 7 cm, Breadth = 5 cm
	4.	Find the cost of tiling the floor of a bathroom 4.50 m long and 4 m wide , if the cost of tiling is Rs. 200 per sq. m.
Q-III		**Do as directed.**
	1.	A figure is drawn on a piece of squared paper. What is the length of the border of this figure?

|		
		Ans:
	2.	A matchstick can measure each side of the given triangle exactly. Which of these could be the length of the matchstick? **Answer Options** | Option A	Option B	Option C	Option
---	---	---	---
3 cm	4 cm	5 cm	6 cm	 Ans:
		Chapter 13 GRAPHS
Q-II		**Solve the following.**
	1.	**AIL: Exploring Area with Geoboard (Maths Lab Manual)**
	2.	Rock Restaurant surveyed a sample of customers on their favourite food. They made a pie graph with the survey results. Read the pie graph and answer the questions.
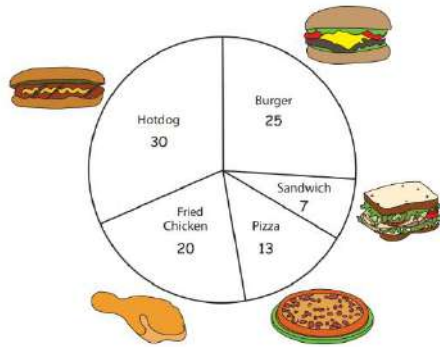
1) Which is the most favourite among the customers?

2) How many customers like fried chicken?

3) Which is the least favourite food?

4) How many customers voted for burger as their favourite?

5) How many customers participated in the survey?

3. Analyze the line graph, complete the data table and answer the questions.
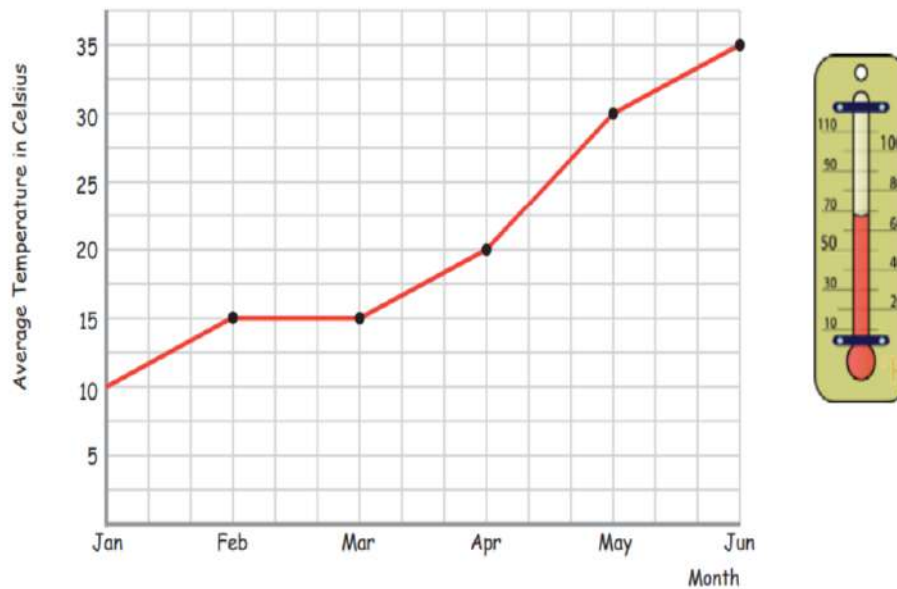
Analyze the line graph, complete the data table and answer the questions.

1) In which month was the average temperature 30 degrees Celsius?

2) In which 2 months was the average temperature the same?

3) In which months was the average temperature higher than 20 degrees?

Q-II		**Do as directed.**
	1..	The number of books sold in a bookstore is as given. Draw a line graph to show the data. August – 200, September- 400, October - 500, November – 600
	2.	During his exams Ram studied for 8 hours in a day. He spent the following time in studying different subjects. Maths : 4 hours Science: 2 hours Social Studies: 1 hour English: 1 hour Draw the circle graph to represent the data.

	Delhi Public School, Gandhinagar	
	Annual Mock Test Paper (2022-23)	
Class : V	**Mathematics**	**Date:**
Time:		**M. Marks: 50**
Name:_____ **Sec:**_____ **Roll No.:**_____		

General Instructions:

1) All the questions are compulsory.

2) Answer the questions as per given instructions.

Q-I **Choose the correct options.** 10×1=10

1. What is $\frac{1}{3} + \frac{1}{3}$?

   a) $\frac{5}{3}$ b) $\frac{3}{3}$ c) $\frac{2}{3}$

2. Compare the fractions and put > ,< or = in the space given below.

   $\frac{5}{11}$ ____ $\frac{5}{13}$

   a) > b) < c) =

3. If numerator is more than denominator, the fraction is called _____

   a) Like fraction b) Unike fraction c) Proper fraction c) Proper fraction

4. Complete the pattern.

   1,7,13,19 ____

   a) 21 b) 6 c) 25 d) 7

5. $8 \div 100 =$ _____

   a) 0.8 b) 0 .80 c) 0.08 d) 8

6. $6.2 + 1.8 =$ _____

   a) 8 b) 6 c) 9 d) 5

7. 6 m 6 cm = _____cm

   a) 660 cm b) 606 cm c) 66 cm d) 60 cm

8 Which letter does not have a line of symmetry ?

· a) E   b) T   c) G   d) A

9 A door is a solid. What solid shape is it?

· a) Cube   b) Cuboid   c) Circle   d) Cone

10 Write the formula for perimeter of square.

a) side x side   b) 4 x side   c) perimeter + 4

Q-II   **Solve the following.**   **7×2=14**

1. Reduce the given fraction to its lowest term: $\frac{36}{81}$

2. Write as decimals.

(a) $\frac{6500}{1000}$ (b) $10\frac{10}{100}$

3. Subtract: 5 km – 350 m = ___km ___ m

4. Draw the lines of symmetry for the shapes given below:
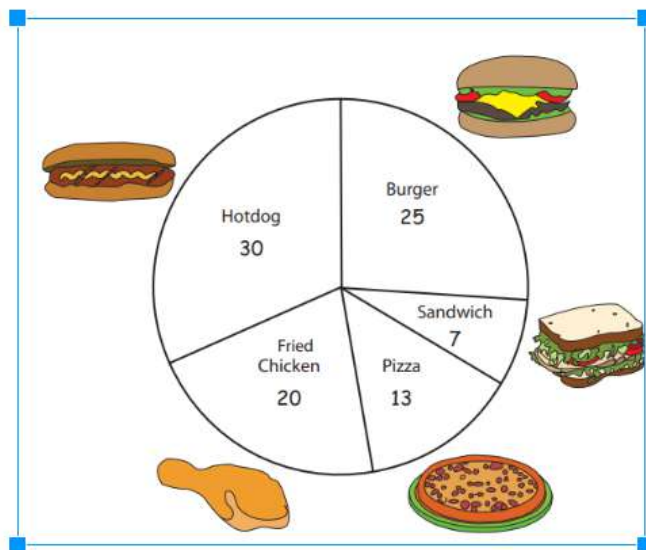
(a)   (b)

5. Find the perimeter of a rectangle whose length is 30 cm and breadth is 15 cm
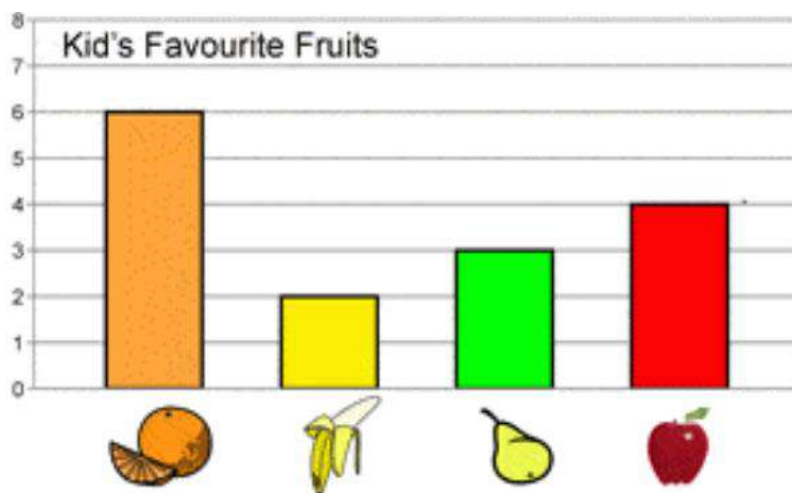
6. **Which is the most favourite among the customers?**

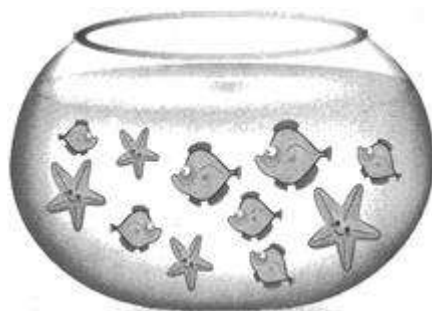7. Which fruit did the most kids liked?
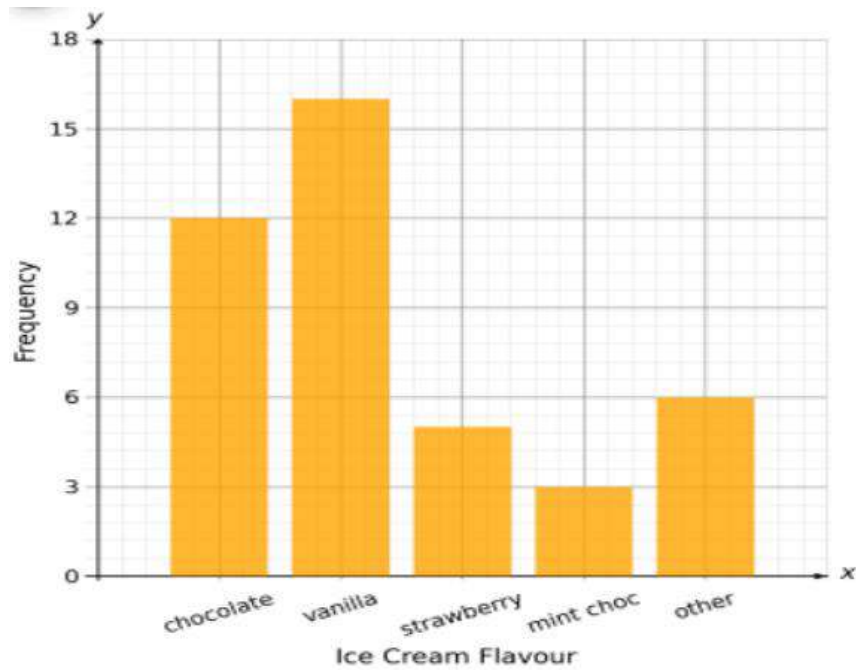

Q-III   **Do as directed.**   10×2=20

1. Below is an aquarium with different types of fishes swimming in it. What fraction of fishes is NOT star FISHES?

2. Which is the least favourite flavour?

18 │
15
12
9
6
3
0

Frequency

chocolate vanilla strawberry mint choc other

Ice Cream Flavour

3 A rectangular garden of length 16.5 m and breadth 13.5 m has to be fenced all
. around the garden. What length of fencing will be required?

4 A thread of 1000 m is cut into 25 equal parts. What decimal fraction represents
. the lengths of each part of the thread?

5 Complete the pattern.

· ORANGE→RANG→ORANGE→RANG→ _____ **?**

6 Identify the correct shape:

· Its length and breadth are equal.

   Its area is side x side.

   Its perimeter is 4 times its side.

   It is a four-sided polygon.

7. Rakesh is 1.35 m tall. His sister Kriti is 15 cm taller than him . What is Kriti's height?

8 Read the graph and answer the following questions

· a) How many books were sold in week 2?

   b) In which week minimum books were sold?
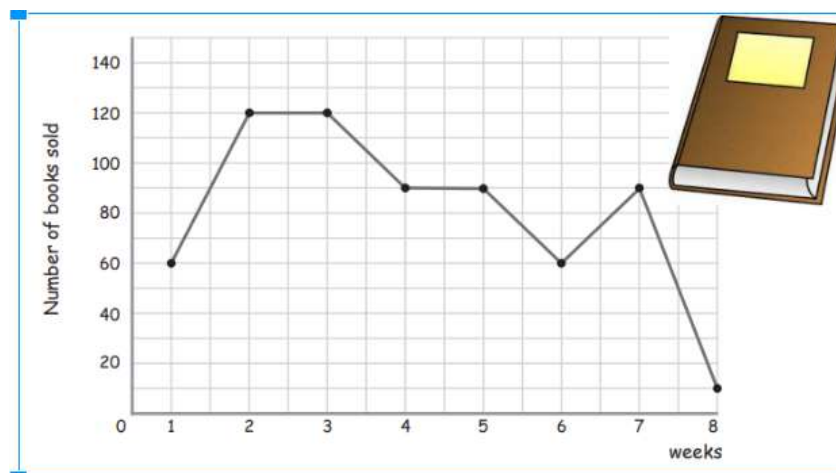
9 How many students like Rugby the most?

·

Football	卌 卌 卌
Rugby	卌 卌 卌 |||
Volleyball	卌 卌 |||
Tennis	卌 卌 卌 卌

10 . My school bag weighs 4.25 kg. How many grams is that?

Q-IV **Solve the following word problems.** **2×3=6**

1
. From a rope 6 m 6 cm long, a piece of length 3 m 25 cm is cut off. What is the
length of the remaining rope?

2
. Find the cost of tilling the floor of a bathroom 3.50 m long and 2 m wide, if
the cost tilling is Rs. 250 per sq. m.

Class V	**Mathematics**	Date:
Time:		M. Marks:

Name:_____ Sec:_____ Roll No.:_____

		Solve the following.
QI		
	1.	Write an equivalent fraction of $\frac{72}{108}$ with denominator 12
	2.	Parul and two of her friends share a pizza equally among themselves. Parul says, 'Here are three equal halves of the pizza.' Is Parul's statement correct? Give reasons.

3.

Suraj provides laundry services to nearby areas. The charges for wash and fold are calculated per kilogram of the weight of the clothes.
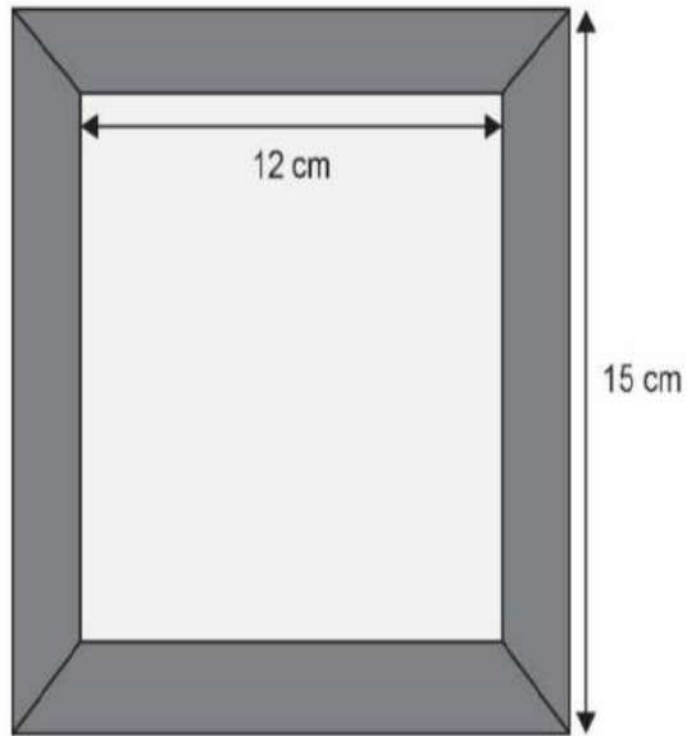
The table below shows the weight of the clothes for washing and folding from four houses.

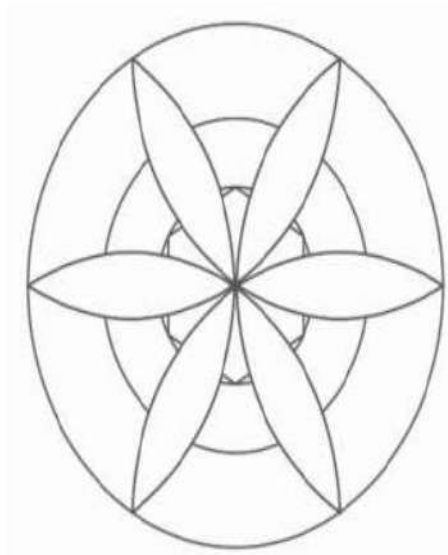| House Number	Weight of Clothes Collected (in kg)
216	5.60
324	3.95
159	7.37
228	6.72

Which house will pay the most?

4.

The figure below shows a square wooden frame enclosing a square picture.

12 cm

15 cm

Find the area of the square picture.

5.

Mani draws this design on a sheet of paper.

How many lines of symmetry are there in the design?