CLASS IV

INDEX

SYLLABUS FOR TERM-I

CHAPTER- 1 NUMBER SYSTEM

CHAPTER-2 ADDITION AND SUBTRACTION

CHAPTER- 14 DATA HANDLING

CHAPTER-5 MULTIPLES AND FACTORS

CHAPTER-8 GEOMETRY

CHAPTER-9 PATTERNS AND SYMMETRY

SEA- Lab Manual Page number 1

AIL- A4 size paper

SDG- Find factors of number (paper plate, ice cream sticks, circle cut out and square cut out)

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

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

CHAPTER 1-NUMBER SYSTEM

Q I   **Choose the correct answer from the given options.**

1. The place value of 6 in 30679 is _____.

   a)100   b) 30,600   c) 31,600   d)30,670

2. Round off 8,92,636 to the nearest 1000 is _____

   a) 8,90,000   b) 8,93,000   c) 8,92,000   d) 8,92,600

3. In Roman numerals the symbol for 100 is _____

   a) X   b) C   c) D   d) L

Q II   **Do as directed**

1. Write the ascending order

   24,98,047 , 24,89,845   24,09,884 , 24,98,874

   Ans:_____

2. Use the digits given below to make the greatest and the smallest 6-digit numbers.

   4, 9, 3 , 0 ,1 , 5

   Greatest number-_____.

   Smallest number - _____.

3. Write the number for the number names .Put the comma in the right place..

   a)Ninety –five thousand six hundred five.

   Ans: _____

   b) Five lakh ninety five thousand one hundred eight.

   Ans: _____.

4. Write the standard form of the following

   $4×20,00,000+2×3,00,000+80,000+7000+1×600+4$

   Ans:_____

Q III   **Solve the following.**

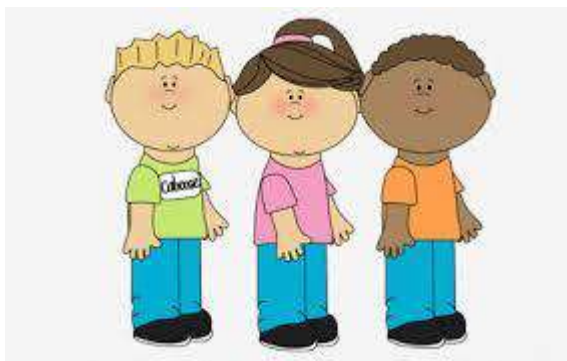1.   Write the Age of Sam and Pam in Roman Numerals and then find its sum?

   Sam:_____, Pam: _____

2.   What is the difference between the place values and face value of 6 in 4,06,052?

   Ans :_____

3   These children are moving towards right side. Answer the questions on the basis of the given picture.

         SANDY   MANDY   BOB

   a)Who is the Predecessor of Sandy?

   Ans: _____

   b) Who is the Successor of Mandy?

   Ans: _____.

CHAPTER 2- ADDITION AND SUBTRACTION

Q I   **Choose the correct answer from the given options.**

1. $6759 + 10 = $ _____.

    a) 6769   b) 6750   c) 6759

2. What is $5025 + 0 = $ _____.

    a) 5020   b) 5025   c) 525

3. If zero is subtracted from any number, the answer is _____.

    a) 1   b) 0   c) number itself

Q-II   **Do as directed**

1. **Add the following:**

$$
\begin{array}{r}
5\ 9\ 5\ 7 \\
+\quad 6\ 9\ 1\ 5 \\
\hline
\end{array}
$$

2 **Subtract the following:**

$$
\begin{array}{r}
9\ 0\ 0\ 0\ 0 \\
-\quad 5\ 9\ 9\ 9\ 9 \\
\hline
\end{array}
$$

3 $7753 + 4555 - 506$

4 Find the difference between 25,000 and 9999

Q III   **Solve the following.**

1.   Determine the sum of the four numbers as given below:
     (a) successor of 32
     (b) predecessor of 49
     (c) predecessor of the predecessor of 56
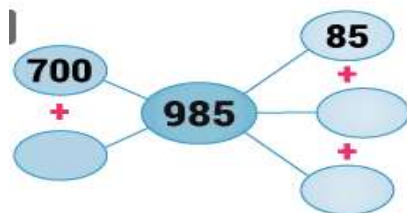   (d) successor of the successor of 67

     Ans (a) _____

         (b)_____.

         (c) _____.

         (d) _____.

2.   You have 3 litre bottle
     and 5 litre bottle. How
     can you measure 4
     litres of water by using
     3Lt and 5Lt bottles???

     Solution:

3   Solve the folowing as directed.

	Delhi Public School, Gandhinagar	
	QUESTION BANK TERM -1 (2022-23)	
Class: IV	**Mathematics**	**Date:**
Time:		**M. Marks:**

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

CHAPTER 1- NUMBER SYSTEM

Q I　　　**Choose the correct answer from the given options.**

1. The face value of 0 in 9054 is_____.
   a)100　　　　　　b) 1　　　　　　c) 10　　　　　　d) 0

2. In Roman numeral there are_____ basic symbols
   a) 5　　　　　　b) 4　　　　　　c) 10　　　　　　d) 7

3. _____is the greatest 6 digit number.
   a)999999　　　　b)100000　　　　c) 999009　　　d) 99999

Q II　　　**Solve the following.**

1. Arrange in descending order.
   56,260 , 56,906 , 56,666 , 56,080

   Ans: _____

2. Write the number name, expanded form of the given number.
   50,05,005
   Number
   Name:_____
   _____
   —.

   Expanded form: _____

3. Use the digits to make the smallest and the greatest 6 digit number using4,9,0,5,2,7

   Ans; Greatest Number_____.

   　　Smallest Number:_____.

4 9 people visited a doctor's clinic on Monday and 4 people visited the clinic on Tuesday. How many people visited the clinic together on both the days? Write down the answer as a Roman numerals.
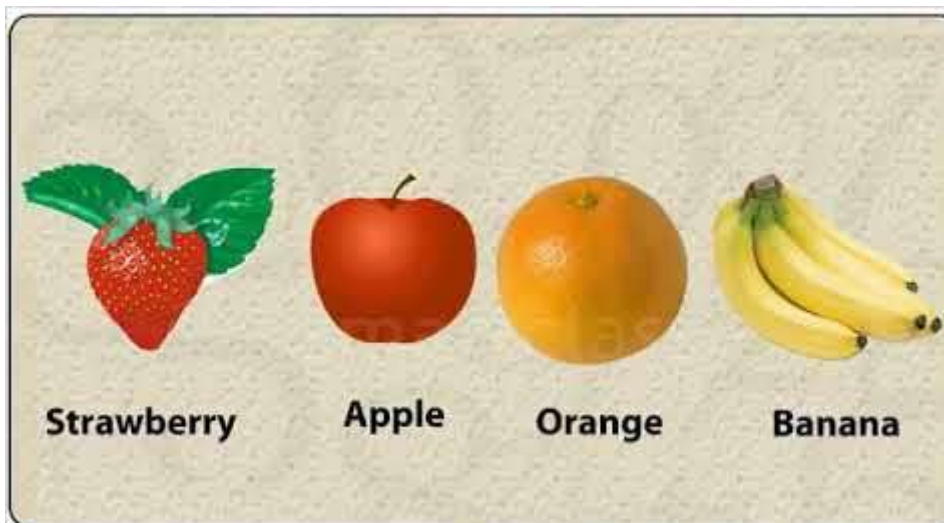
Solution:

Q III   **Do as directed.**

1. Raja is studying in class 4 and He is 8 years old. Raja's sister is two years elder to him. What is the age of his sister?(Write down the answer in Roman numerals)

   Ans:_____
   __.

2. Name the fruit, which is a predecessor of an orange.

   Strawberry   Apple   Orange   Banana

   Ans:_____

3. Write the names of the students in descending order.

   BUNTY,MEET, GOLI, AMAN, SHIVANSH

   Ans:_____

CHAPTER 2-ADDITION AND SUBTRACTION

Q I   **Choose the correct answer from the given options.**

1 The answer of addition is called the _____.
a) minuend   b) sum   c) difference   d) subtrahend

2 If a number is added to itself, the answer is _____ the number

a) same   b) half   c) double   d) 10 times

3 If a number is Subtracted from itself, the answer is _____.
a) same   b) half of the number   c) double the number   d) zero

Q II   Solve the following.

1 Add the following:

```
     6 8 7 5
 +   1 5 3 4
   _____
```

2 Subtract the following:

```
   9 0 0 0 0
 _ 5 9 8 9 5
   _____
```

3 Solve the following: 3,45,632+ 21,569 -12,000

4 Arrange vertically and Subtract:
4,09,060 – 3,55,800

Q III   Do as directed.

1. What is the sum of the place value and face value of the digit 6 in 873646.
Ans:

2   The difference between the largest 5-digit and smallest 4-digit odd numbers.
    Ans:

3   Fill in the boxes.

7	☐	5	☐	5
_ 3	5	2	7	3

☐	5	☐	4	☐

CHAPTER 3-MULTIPLICATION

Q I   **Choose the correct answer from the given options.**

1   The answer of multiplication is called _____.
    a) minuend   b)addition   c) subtraction   d) product

2   (18×12) × 25 = 12 × (_____ × 25
    a) 18   b)12   c) 25   d) 5400

3   Multiplication is the repeated _____.
    a) minuend   b)addition   c) subtraction   d) product

Q II   **Solve the following.**

1   Multiply the following:
        252 ×256

2   Write the product without multiplying:

      a) $52 \times 100 =$ _____.

      b) $75 \times 10 \;=$ _____.

3   Arrange in column and multiply : 5415×12

4   A train covers 1902 km in one trip. How many kilometers will it cover in 9 such trips?

Q III   Do as directed.

1   You stay on the 13th floor of a building. Each floor has 11 steps. Your friend stays on the 12 th floor of some other building where each floor has 12 steps. If the lift is not working due to electricity failure, who has to climb more steps ?

2   Use multiplication fact to count the total number of fruits
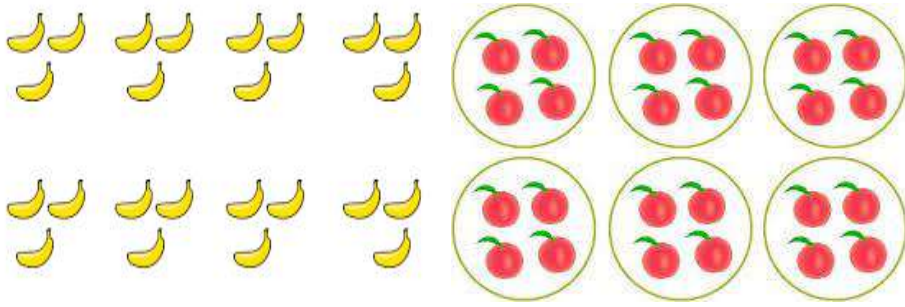
Bananas: _____   Apples: _____

Product:_____

3   Use lattice multiplication to find the product;
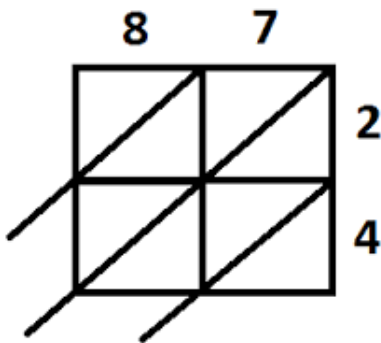
CHAPTER 5-MULTIPLES AND FACTORS

Q I   **Choose the correct option**

1   Which number has only one factor?
a) 1   b)   c) 25   d) 10

2   What are limited in numbers?
a)multiples   b) factors   c) odd   d) even

3   Which is the smallest multiple of a given number?
a) 1   b)number itself   c) multiple   d) zero

Q II   **Solve the following.**

1   Define Perfect number along with an example
Ans:_____

_____.

2   List first four multiples of 15.
Ans_____
__.

3   Find the common factors of the following.
3 and 5

4   What number should be added to the number 50825 so that it becomes divisible by 4?

Q III   **Do as directed.**

1   Complete the factor tree of 45.
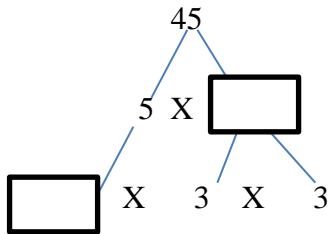
2   Pick out the numbers which are divisible by 2 and 4 both.

25   , 68 ,   32   ,   44   ,   21
80   ,   25   ,   77   ,   36
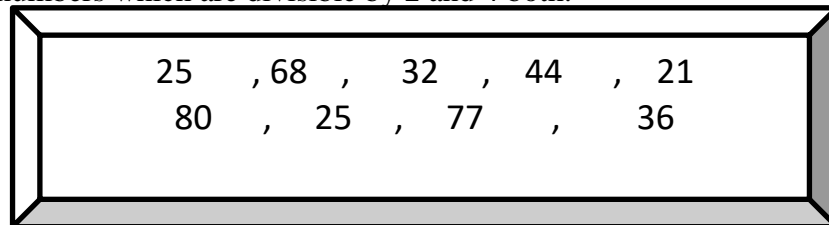
Ans :_____

3   Identify the type of numbers
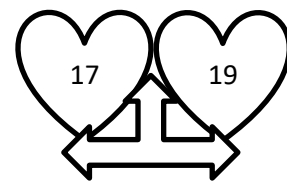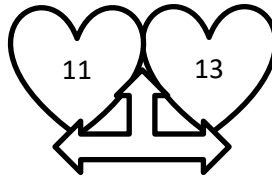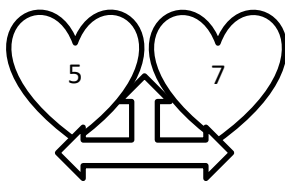
Ans:_____

CHAPTER 8-GEOMETRY

Q I   **Choose the correct option**

1   A   simple closed curve made of line segments only is called a_____ .
   a) chord   b) radius   c) polygon   d) diameter

2 A _____ is the straight path between two points
   a) Ray   b) line   c) line segment   d) polygon

3 The length of the boundary of a circle _____.
   a) chord   b) circumference   c) line   d) line segment

Q II   **Solve the following.**

1 Label the parts of the circle.
   Diameter:_____.
   Radii: _____
   Centre: _____
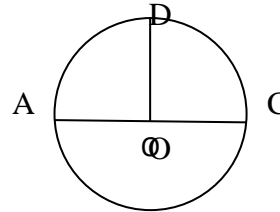
2 Find the radius if diameter is 18 cm

   Ans_____

3 Match the following;

A	B
a) Line	i)
b) Line segment	ii) ——
c) Ray	iii) ↔
d) Open figure	iv)

   a) _____ b)_____ c)_____ d)_____
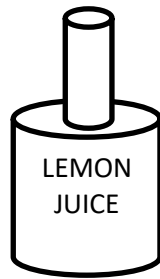
4 Draw the line segment of 6 cm.

Q III   **Do as directed.**

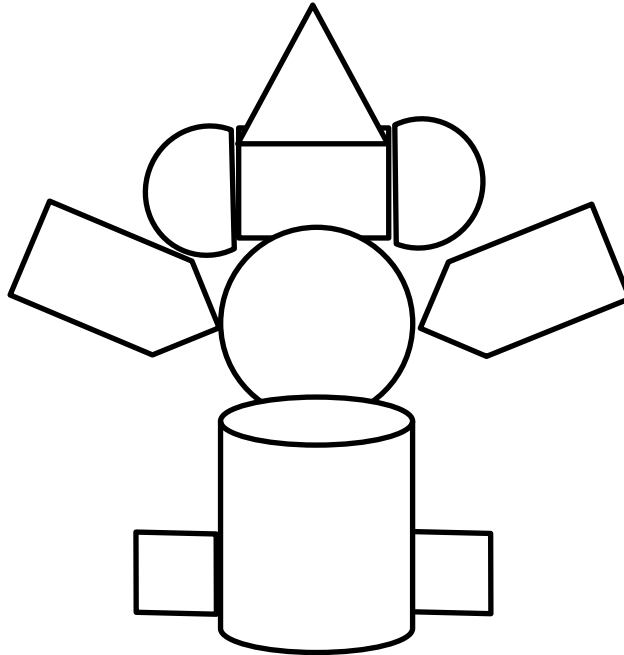1 Use the polygons only and repeat 3 times each polygon to create the picture.
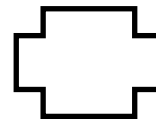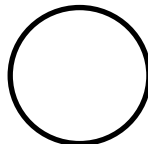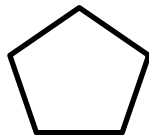
   Ans:

2 Draw the top, side and front view of the given picture.

LEMON
JUICE

_____,_____,_____
_

3 Identify the different shapes and list them out.
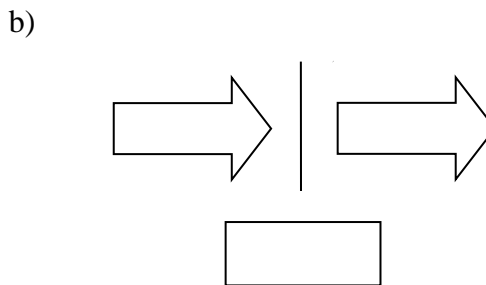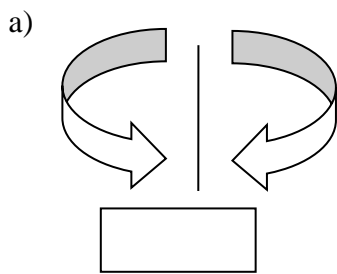

CHAPTER 9- PATTERNS AND SYMMETRY

Q I   **Choose the correct option**

1 Square has _____ lines of symmetry.
   a) one   b) two   c) Four   d) many

2 Number 8 has _____lines of Symmetry.
   a) three   b) zero   c) one   d) two

3 Alphabet S has _____ lines of Symmetry
   a) zero   b) one   c) two   d) many

Q II   **Solve the following.**

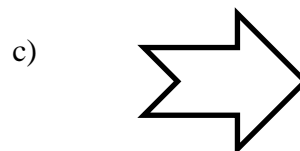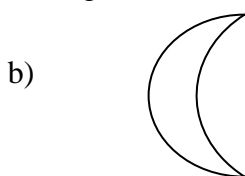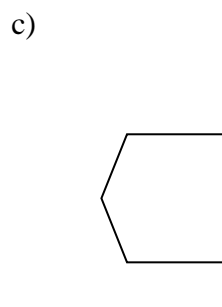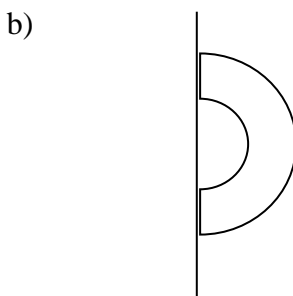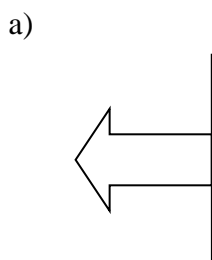1 Put a tick on the figure that are reflection of each other.

a)

b)

2 Complete the pattern.

a) Aa,. Bb, Cc, ,_____,_____,_____

b) 95, 90, 85, _____, _____,_____

3 Draw the line of symmetry in the given figures.

a)   b)   c)

4 Draw the mirror image of the following figures.

a)   b)   c)

Q-III   Do as directed.

1 Identify and draw line of the symmetry in the given figures where ever possible. Write YES for symmetrical and NO for not symmetrical
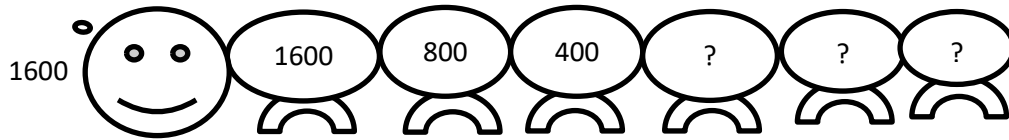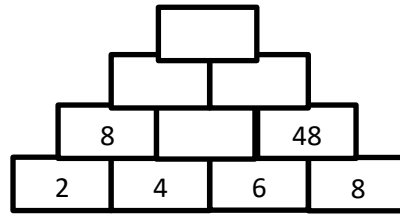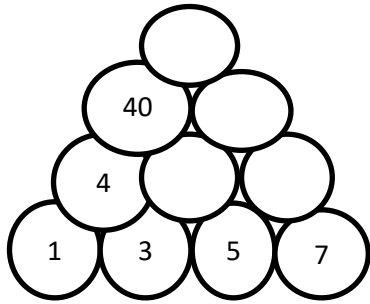
a)_____ b)_____ c)_____

d)_____

2 Complete the following pattern:

1600 [face] 1600 | 800 | 400 | ? | ? | ?

3   Complete the number tower

[Triangle tower left:]
40
4
1   3   5   7

[Brick tower right:]
8   48
2   4   6   8

CHAPTER -14 HANDLING DATA

Q-1   Meenu carried out survey on the favourite games of her friends.16 friends liked ball game ball, 10 liked bat game, 12 liked water game and 12 liked wheel game, She   wants to put the data in a pie chart. Help menu to draw pie chart recognizing the games from the given pictures.

Solution:

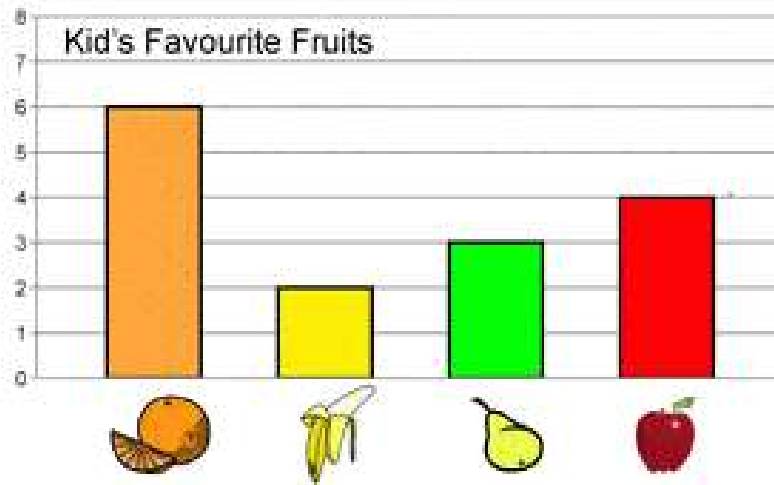| Sr.No	Name of the Game	No of Students
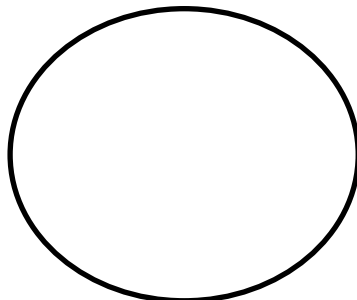
Q2   Look at the bar graph showing the favourite fruits of the children.(Scale 1 fruit=1 child)

Study the bar graph and answer the questions.

Answer the following questions on the basis of given bar graph.

1. Name the fruits shown in the bar graph.
   Ans)_____.

2. Which is the least favourite fruit?
   Ans)_____.

3. Which fruit is liked by the 4 children?
   Ans)_____.

4. How many children like pear?
   Ans)_____.

5 What is the title of given bar graph?
   Ans)
   _____.

Delhi Public School, Gandhinagar
CBE based worksheet Term-I (2022-23)

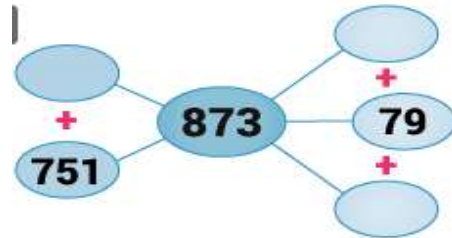| Class IV		Mathematics	Date:
Time:			M. Marks:

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

1. Solve the following

2. Identify the polygon and create your own design

3. Find the value of each:

4   Each number is written in 4 different ways .One of them is wrong ,identify and colour the wrong way.

4521	
4 hundreds + 45 tens + 1	4 thousands + 521 ones
45 hundreds + 21	4000 + 500 + 21

a) 10695	
(i) 10 thousands + 6 hundreds + 9 tens + 5 ones	(ii) 10000 + 600 + 90 + 5
(iii) 10 thousands + 69 tens + 5 ones	(iv) 1000 + 6000 + 90 + 5

b) 30619	
(i) 30 thousands + 61 tens + 9 ones	(ii) 30000 + 600 + 10 + 9
(iii) 30 hundreds + 6 hundreds + 19 ones	(iv) 3 ten thousands + 6 hundreds + 19

c) 7055	
(i) 7 thousands + 55 tens	(ii) 70 hundreds + 5 tens + 5 ones
(iii) 700 tens + 55 ones	(iv) 7000 + 50 + 5

5.   Join the points given below. How many line segments do you get?

●   ●

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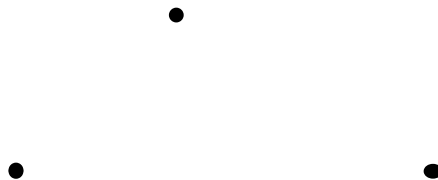
Delhi Public School, Gandhinagar
Mock test Paper (TERM-I) (2022-23)

Class IV	**Mathematics**	Date:
Time:		M. Marks:50 marks
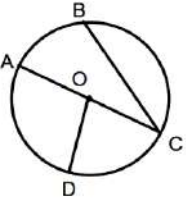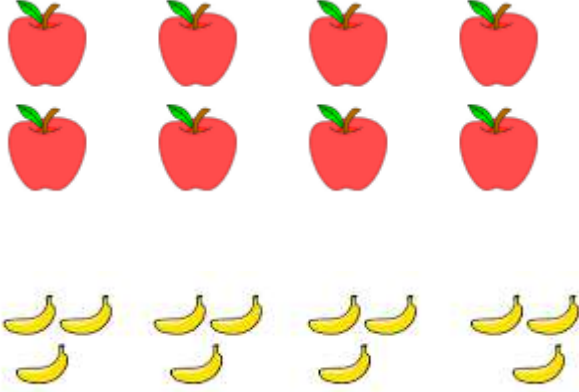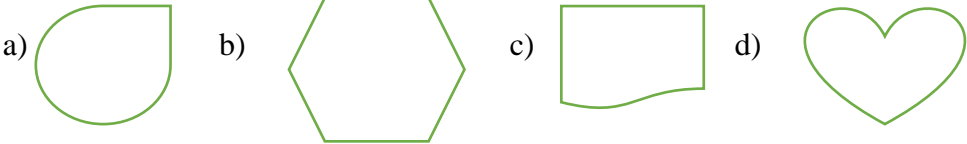
Name:_____ Sec:_____ Roll No.:_____

Q-I		**Fill in the blanks**	10×1 = 10
	1.	Compare: 9,56,939 ___ 9,56,939.	
	2.	____ value of a digit is the digit itself .	
	3.	The numbers that are added are called _____.	
	4.	Data represented using a circle is a _____ chart.	
	5.	129×100 =_____.	
	6.	_____ is a factor of every number.	
	7	Number that have only two factors are called _____.	
	8	A curve whose end points is not same as the starting point is called a _____ curve.	
	9	1, 2, 4, 8, 16, _____.	
	10	A_____ has 4 lines of symmetry.	
Q-II		**Solve the following.**	7 × 2=14
	1.	Form the greatest and smallest 5 digit number using the digit 1,0,5,8,9	
	2.	7,84,956 + 1,25,650 – 1,00,000	
	3.	The data given shows the number of people who board a bus on Sundays. Represent the given data in a bar graph	

Bus time	9' o clock	10'o clock
Number of people in a bus	20	35

	4.	Study the pie chart and answer the following questions.(Hint: Total number of students are 100)	

Favourite Sports Percentage

- Football
- Basketball
- Badminton
- Hockey
- Cricket

		a) Which two sports are equally favourite? b) How many students favourite sports is Basketball ?	
	5	Find the product: 4213×6	
	6	Write first 4 multiples of 8.	
	7	Answer the questions on the basis of given figure a) What is AC ? b) What is BC ? c) What is O ? d) What is OD ?	
QIII		**Solve the word problems.**	**2×3=6**
	1	A cricket stadium has a setting capacity of 1, 40,000. If 95,865 people came to see a match on a particular day, How many seats were left vacant in the stadium?	
	2.	A train covers 1902 km in one trip. How many kilometres will it cover in 7 such trips?	
QIV		**Do as directed.**	
	1	Find the 6-digit number by using the clues given below 6 is the last in the race 5 is before 3 2 is before 3 1 is ahead 3 4 is four steps before 1	
	2	Ankush has 7 pencils, 4 erasers and 9 sharpeners. How many stationery items does he have altogether? Write down the answer using roman numeral	
	3	At a cricket match 6,657 spectators attended the game. From this 3,398 were fans for team A.2,550 were team B	

	4	Your school building is to renovated and its estimated cost is ₹ 8, 50,000. There are 8,200 students in your school. Each student donates Rs.500. Calculate the amount that still has to be raised from the school fund.	
	5	You have gone to buy fruits at the fruit stall. You want to buy apples and bananas Each apple cost ₹.12 and each banana cost ₹.4. Calculate total cost of the fruits.	
	6	Put the following numbers in the boxes according to their divisibility. 1245 , 54660 , 34100 , 65472	

2	3	5	9	10

	7	Which of the following statement is INCORRECT? a) Every multiple of a number is greater than or equal to the number. b) The greatest factor of every number is the number itself, **c)** Number of a factor of any number are always one more than the number.	
	8	**W**hich among the following figure is a polygon?	
	9	Write the mirror image of the given numeral.	

a) 5

b) 6

10   How many shapes do not have any line of symmetry?
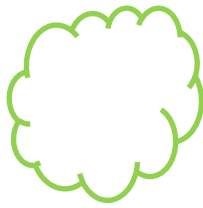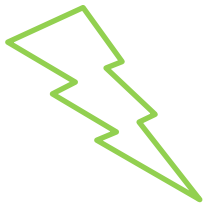
SYLLABUS FOR TERM-II

CHAPTER- 4 DIVISION

CHAPTER-6 FRACTIONS

CHAPTER- 7 DECIMALS

CHAPTER-12 MONEY

CHAPTER-10 METRIC MEASURES

CHAPTER-13 PERIMETER AND AREA

CHAPTER- 11 TIME

CHAPTER-5 MULTIPLES AND FACTORS (REVISION)

SEA- Lab Manual Page number 23

AIL- Lab Manual Page number 12

SDG- Using fractional parts making picture of a bird or animal on A4 size paper or cardboard.

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

Name:_____ Sec:_____ Roll No.:_____

CHAPTER 4- DIVISION

Q I   **Choose the correct answer from the given options.**

1. Which of the following is true?

   a) 17X0=17   b)0÷ 9=9   c) 25 ÷ 1=25   d) 25÷5=10

2. Rimi wants to find the answer to 9+9+9+9+9+9 on her calculator. Which of the following buttons should she press to find this in an easy way?

   a) 6x9= ___   b) 9x9= __   c) 6+9= ___   d) 9-6

3. What will be the quotient when 245 Is divide by 6?

   a) 4   b) 5   c) 45   d)40

Q II   **Solve the following.**

1. Divide and find the quotient and remainder.

   (a) 7623 ÷ 8

   (b) 593 ÷ 10

2. Divide and Verify your answer by multiplication.

   2326 ÷ 6

3. 6 bags of equal weight contain 72 kg rice in all. How much rice is there in one bag?

4. Tina wants to buy 1250 cookies for a party. If there are 5 cookies in each package, how many packages should Tina buy?

Q III **Do as directed.**

1.

$\boxed{}$ × 4 = 32

What number does $\boxed{}$ stands for?

2. Keerthi bought 8 of EACH of these 3 types of sweets shown here: The next day, she and three of her friends distributed them equally among themselves. How many sweets did each of them get?
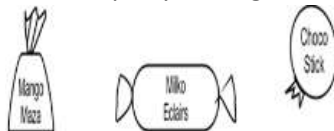
3. If the cost of 1 packet of BEST biscuits is Rs 5, how many packets can I get for Rs.50 with the FREE OFFER shown here?

CHAPTER- 6 FRACTIONS

Q I **Choose the correct answer from the given options.**

1. What part of the circle is shaded?
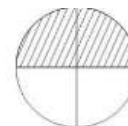
a) $\frac{1}{4}$ b) $\frac{1}{3}$ c) $\frac{1}{2}$ d) $\frac{2}{3}$

2. $\frac{2}{8} = \frac{6}{}$

a) 24   b) 16   c) 32   d) 40

3. Like fractions are _____.

(a) $\frac{1}{4}, \frac{1}{2}$ b) $\frac{3}{7}, \frac{4}{7}$ c) $\frac{5}{7}, \frac{4}{6}$ d) $\frac{5}{6}, \frac{5}{8}$

Q II **Solve the following.**

1. Raghav ate $\frac{2}{5}$ of chocolate and Aditya ate $\frac{1}{5}$ of the chocolate. What fraction of chocolate did they eat together?

2. Find two equivalent fractions of $\frac{3}{5}$.

3. Arrange in ascending order.

$\frac{5}{8}, \frac{1}{8}, \frac{2}{8}, \frac{7}{8}$

4. Express the following improper fraction as a mixed fraction:

a) $\frac{19}{4}$　　　　　　　　　　　　b) $\frac{33}{11}$

Q III　　　　　　**Do as directed.**

1. How many one-fifths will make one Whole?

2. Arjun had 6 pencils. He gave one third of the pencils he had to his sister. How many pencils did he give?

3. What part of the collection is shaded?

CHAPTER 4- DIVISION

Q I   **Choose the correct answer from the given options.**

1. What number comes in the blank?

    128 divided by 8 = 64 divide by _
    a) 4   b) 6   c) 8   d) 7

2. There are 10 friends and 55 bananas. If the bananas are divided equally among the students, how many does each friend get?

    a) Q = 5, R = 3   b) Q = 5, R = 2   c) Q = 5, R = 4   d) Q=5, R=5

3. 588 divided by 7 equals to what?
    a) 71   b) 81   c)84   d)82

Q II   **Solve the following.**

1. Divide and find the quotient and remainder.
    a) 108 ÷ 9
    b) 9942 ÷ 33

2. 9 tanks can hold 5607 litres of oil. If all the tanks have the same capacity, find the quantity of oil in each tank?

3. Billo has kept his chickens in a box. He counted 28 legs. How many chickens are there?

4. Solve the problem: 4512 ÷ 100

Q III   **Do as directed.**

1. All fish tanks sold by a pet shop owner had the same number of fish. Jatin bought 4 fish tanks, which had 48 fish in all. How many fish will Ria get if she buys 7 fish tanks for her office?

2. Some children were playing in a room. First, they counted all their fingers (including thumbs). Then they counted all their ears and found that altogether they had 24 more fingers than ears. How many children were there in the room?

3.   Divide and find the Quotient.
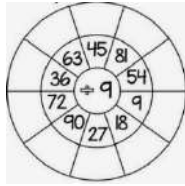
CHAPTER-6 FRACTIONS

Q I   **Choose the correct answer from the given options.**

1. $\frac{2}{4} = \frac{10}{}$

    a) 8   b) 20   c)   12   d)   15

2.   Neelu wants to give one third of the sweets shown below to her sister. How many should she give?

    a)   Three   b) Two   C) four   d) five

3.   Fraction with different denominators are called _____ fractions.
    a)   Unlike   b) like   c) proper   d) Unit

Q II   **Solve the following.**

1.   Add the following.
    $\frac{5}{7} + \frac{1}{7}$

2.   Reduce to lowest term: $\frac{20}{35}$

3.   Paul put 20 flowers in a vase on the table. Two tenths are yellow roses. How many yellow roses are in the vase?

4.   Compare the following the fractions using >, < or =.
    a) $\frac{4}{5}$ ◯ $\frac{2}{5}$

Q III   **Do as directed.**

1.   What fraction of the children in the following group are boys?
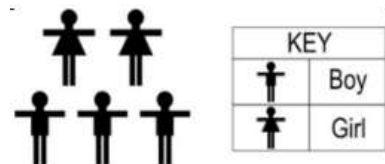
2.   Rita's teacher cuts a chart paper into four equal pieces and gives Rita three of them. What part of the chart paper did Rita get?

3.   Kriti puts the tiles shown below into an empty bag and mixed them up. What fraction of letters on tiles are vowels?

CHAPTER- 7 Decimals

Q I   **Choose the correct answer from the given options.**

1.   Thirty-four and three-tenths is _____.

a) 34.3   b)3.34   c) 33.4   d) 34.03

2.   The place value of 7 in 8.07 is _____.

a) Hundredths   b)7 hundredths   c)7 hundreds   d) tenths

3.   4 tens _____4 tenths.

a) <   b) >   c) =   d) None of the above

Q II   **Solve the following.**

1.   Write each fraction as a decimal.

(a) $\frac{2}{100}$ = ☐

(b) $1\frac{50}{100}$ = ☐

2.   a) What is 1.94 as a mixed fraction.

b) Write 4 tenths 5 hundredths as decimals.

3.   Write in expanded form.

a) 49.096

b) 8.93

4.   Convert into fraction: 0.06

Q III   **Do as directed.**

1.   Write the following as decimals $6 + \dfrac{6}{10} + \dfrac{8}{100}$

2.   Match the following.

	List I		List II
A.	Fifty – six hundredths	1.	13.04
B.	One hundred and sixty tenths	2.	19.078
C.	Nineteenth and seventy – eight thousandths	3.	100.6
D.	Thirteen and four hundredths	4.	0.56

3.   Write the GREY coloured blocks in the decimal form.

Block 1   Block 2
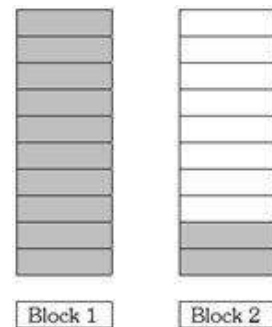
CHAPTER- 12 MONEY

Q I   **Choose the correct answer from the given options.**

1.   ₹ 12.75 + ₹ 0.75 = _____.

    a) ₹ 13.00   b) ₹ 13.50   c) ₹ 13.25   d) ₹ 13.75

2.   7500 paise are equal to ____

    a) ₹ 75.00   b) ₹ 7.5   c) ₹ 750.00   d) ₹ 7.500

3.   Which of these has a value more than ₹ 5?

    a) 10 twenty-five-paise coins.
    b) 5 one-rupee coins.
    c) 4 two-rupee coins.
    d) None of the above

Q II   **Solve the following.**

1.   Add

    ₹ 28.75 + ₹ 335.75

2.   Convert into paise: ₹ 2.10

3.   Multiply

    ₹ 35.25 × 8

4.   The value of fuel is Rs.67.50. The price went up by 25 paise. What is the new price?

Q III   **Do as directed.**

1.   When Sajith gave a ten rupee note to the shopkeeper for buying some chocolates, he got back the following coins as change. How much did the chocolates cost?

2.   Soma wants to put Rs. 50 in her piggy bank on the 1st of every month. If she starts in June, how much would she have by the end of September?

3.   How many 50-paise coins will make two rupees?

Chapter-10 Metric Measures

Q I   **Choose the correct answer from the given options**

1. $5\frac{1}{2}$km =____ km ____ m.

   a)   5 km 250m   b)5 km 500m   c) 5km 200m   d) 5 km 750 m

2.   Yash bought a 1-litre bottle of soft drink. He poured out soft drink from it to fill two glasses, each of capacity 200 ml. How much soft drink was left in the bottle?

   a)   600 ml   b) 400 ml   c) 200 ml   d) 250 ml

3.   Which of these units would you use to tell someone the length of your playground?

   a)   Minutes   b) centimetres   c) kilometres   d) grams

Q II   **Solve the following.**

1.   Convert into metre and centimetre.

   The length of the sari is 7025 cm.

2.   Convert into grams.

   17 kg 500 g

3.   Convert into litres.

   2 Kl 75 *L*

4.   Manish bought 2 kg 450 g of mangoes and 4 kg 170 g of oranges. Find the total weight of fruits bought?

Q III   **Do as directed.**
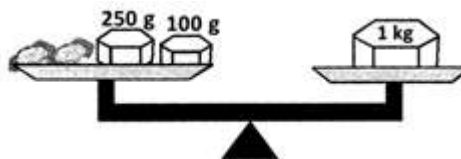
1.   The distance jumped by Faisal in a long jump competition is shown below. How many CENTIMETRES did Faisal jump?
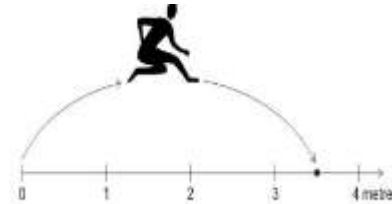
2.   How many times would you need to fill this cup with water to fill a jug of capacity 1 litre?

3.   Sitara buys two cauliflowers from the market which are weighed by the vegetable seller as shown in the figure. How much did the two cauliflowers together weigh?
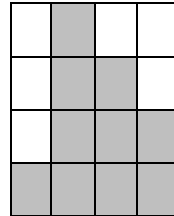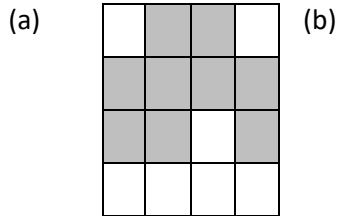
Q I   **Choose the correct answer from the given options**

1.   The outer boundary of a figure is its _____.
            a) Area   b) perimeter   c) symmetry   d) Rectangle

2.   If a square is 1 m on each side, its area will be _____.
            a) 4 m^2 b) 4 m   c) 1 m^2 d) 1 m

3.   Perimeter of a rectangle with length 7 cm and width 5 cm is ____.
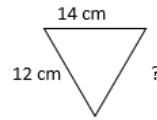   a) 24 cm   b) 23 cm   c) 20 cm   d) 22 cm

Q II   **Solve the following.**

1.   Find the perimeter of given figures.
            (a)   (b)

2.   Find the missing side.   14 cm
            If the Perimeter is 38 cm
                                                12 cm   ?

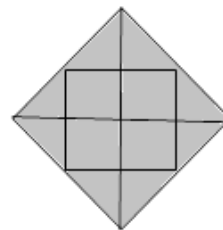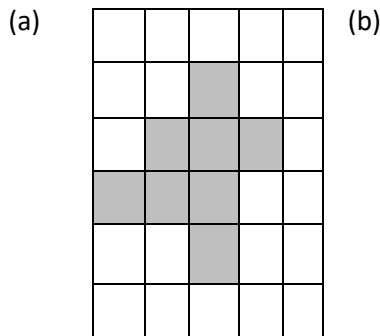3.   Priya wants to decorate all the four sides of a gre   g a ribbon. Find how much
            ribbon is required to decorate the card if the length of one side is 8 cm?

4.   What is the perimeter of the triangle whose sides are 20 cm, 25 cm and 30 cm?

Q III   **Do as directed.**

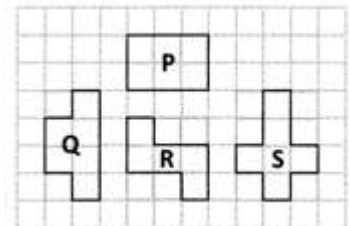1.   Find the area of each figure in square units.
            (a)   (b)

2.   Find the perimeter in units of the figures given in the following questions whose each
            edge of length 1 unit.

3.   The figures are drawn on a grid of equal squares. Which shape has a different area than
            the others?

Chapter-11 Time

**Q-I**   **Choose the correct answer from the given options**

1.   11 am in a 24-hour clock is _____.
      a) 22:00 Hours   b) 23:00 Hours   c) 11:00 Hours   d) 22:00 Hours

2.   The time 15 minutes aft er 4:30 pm will be _____.
      a) 4:50 pm   b) 4:45 pm   c) 4:55 pm   d) 4:45 am

3.   Number of hours between 1:00 a.m. and 1:00 p.m. is _____.
      a) 10 hours   b) 12 hours   c) 11 hours   d) 15 hours

Q II   **Solve the following.**

1.   Write the time using the 12-hour and 24-hour clock as required.
      (a) 7:30 a.m. = _____
   (b) 15:25 hours = _____

2.   Write the time in two ways.

      (a) _____
      (b) _____
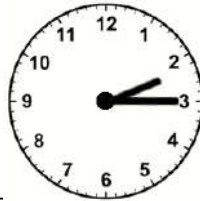
3.   Write the dates in short form.
      a) 11 October,1998
      b) 8 December,2000

4.   Use a.m. or p.m. for the following activities.
      a) You eat Breakfast at 8:30 _____.
      b) You mother prepares dinner at 7:30 _____.

Q III   **Do as directed.**

1.   How many minutes have passed from:
      a) 5:30 hours to 7:00 hours
      b) 2 o' clock to quarter to 3

2.   Sonika went to her friend's house at 1:15 p.m. Her father told her to be back home in 1 hour and 45 minutes. What time does Sonika needs to be at home?
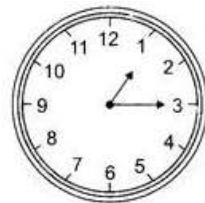
3.   The figure shows a time line. Find the duration between the two given times.

Start   End

11: 30 a.m.   4: 30 p.m.

Chapter – 5 Multiples and Factors

Q I   **Choose the correct answer from the given options.**

1.   The first three multiples of 5 are_____.

      a) 0,1,5   b) 1, 5, 10   c) 0, 5, 10   d) 5, 10, 15

2.   45 is divisible by____.

      (a) 6   (b) 5   (c) 10   (d) 7

3.   The factor tree of 12 is_____.

(a)
$$12$$
$$6 \times 2$$
$$12 = 6 \times 2$$

(b)
$$12$$
$$4 \times 3$$
$$12 = 4 \times 3$$

(c)
$$12$$
$$2 \times 3$$
$$12 = 2 \times 3$$

(d)
$$12$$
$$4 \times 3$$
$$2 \times 2$$
$$12 = 2 \times 2 \times 3$$
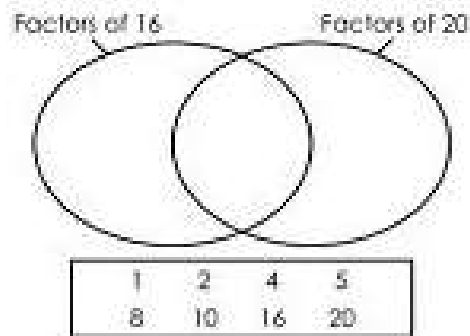
Q II   **Solve the following.**

1.   Find the common factors of 18 and 12.

2.   Find twin prime numbers below 30.

3.   Make a factor tree of 45.

4.   Find the factors of 48.

Q III   **Do as directed.**

1.   I am a multiple of 9. I am also an even number less than 30. Who am I?

2.   Which number should be added to 695 to make it divisible by 10?

3.   Place the numbers in correct position on the Venn diagram.

Factors of 16   Factors of 20

1	2	4	5
8	10	16	20

1. Rohit needs to find the length of the boundary of the field. Can you find with the help of picture?
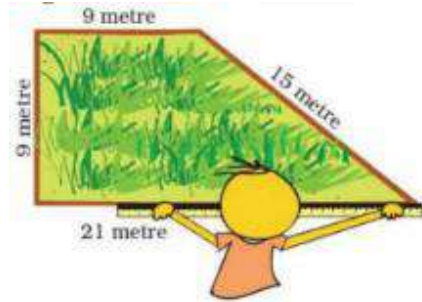
2. How long will it take the minute hand to move from?

   a) ___ to ___ _____   c) ___ to ___ _____

   b) ___ to ___ _____   d) ___ to ___ _____
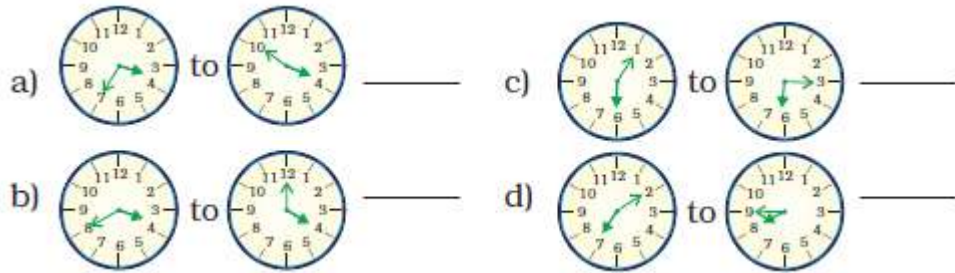
3. How many parts should be shaded in the figure (ii) such that fractional representation of the shaded part in figure (ii) becomes equivalent to the shaded part of figure (i)

   Figure (i)   Figure (ii)

4. How many grams is 750 g less than 10 kg?

5. Sameer went to purchase cricket kit and gave to cashier two coins of Rs.5, four notes of Rs.10, three notes of Rs.50 and two notes of Rs.500. If the price of cricket kit was Rs.1162, the change that he would have got back is_____.

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

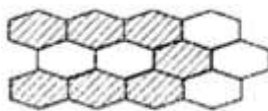| Class IV	**Mathematics**	Date:
Time:		M. Marks:50 marks

Name:_____ Sec:_____ Roll No.:_____

Q I   **Choose the correct answer from the given options.**   **10 x1=10**

1. Four packets contain 92 candies. How many candies are there in each packet?

     a) 45   b) 24   c) 45   d) 43

2. Write as a decimal number. $6000 + 40 + \frac{2}{10} + \frac{4}{100}$

     a) 64.24   b)604.42   c) 6040.24   d) 6040.024

3. The money that is used in a particular country at a particular time is called_____.

     a) Price   b) currency   c) Bill   d) Quantity

4. The surface occupied by a shape is called ____.

     a) Area   b) perimeter   c) circumference   d) none of the above

5. Kaushal walks 2 km 450 m daily. How many metres does he walk daily?

     a) 2405 m   b) 2450 m   c) 4520 m   d)20450 m

6. 1750 is divisible by __.

     a) 5   b) 10   c) 2   d) All of the above

7. The time from 12 midnight to 12 noon is indicated by __.

     a) A.m.   b) p.m.   c) hours   d)

8. 3 hours before 04:05 hours is _____.

     a) 2:05

9. Equivalent fraction of $\frac{6}{7}$ is ____.

     a) $\frac{24}{35}$ b)$\frac{12}{21}$ c)$\frac{12}{14}$ d)$\frac{18}{28}$

10. ? in the figure indicates.

     a) 4 cm   b) 5 cm   c) 6 cm   d) 7 cm

9 cm / 7 cm / Perimeter = 22 cm
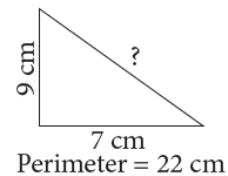
Q II   **Solve the following.**   **10x2=20**

1. Divide and find the quotient and remainder.

     (c) 2239 ÷ 15

2. Firoj brought 20 sandwiches. Ajay ate 3 sandwiches and Riya ate 4 sandwich. Find (in fractions) how may sandwiches they ate in total.

3. Draw and calculate the perimeter of the following figures.
   a) Square with sides 10 cm

   b) A triangle with sides 8 cm, 6 cm and 7 cm.

4. Compare the fraction. (<, > or =)
   a) $\dfrac{9}{7}$ ___ $\dfrac{2}{7}$

5. Convert the following.
   a) 10.92 as fraction

   b) $\dfrac{83}{10}$ as decimal.

6. Mr. Gupta travelled 75 km 800 m by car and 1800 km 40 m by air. How much distance did he travel in all?

7. Convert the following:
   a) ₹ 8.80 to paise
   b) 410 paise to rupees

8. Write each of the following in decimal.
   a) Three and seventeen-hundredths
   b) Four-tenths

9. Fill in the blanks.
   a) The time 5 hours before 2:30 pm is _____.
   b) 11 am in a 24-hour clock is _____.

10. Write all the factors of the given numbers, then find their common factors.
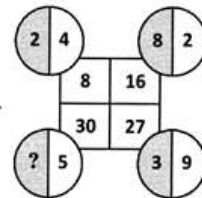   a) 4,16

Q III   **Do as directed.**   10x2=20

1. The following is the bill of clothes Mr. Verma bought from a shop. If he paid ₹ 500, how much will he get back?

Shirt	₹ 120
Pant	₹ 150
Tie	₹ 50

2. Rita bought 7 m 50 cm of cloth. Convert into cm and cut it 50 cm pieces. Find the number of pieces.
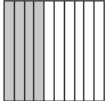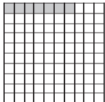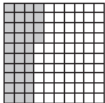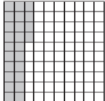
3. Find the missing number.

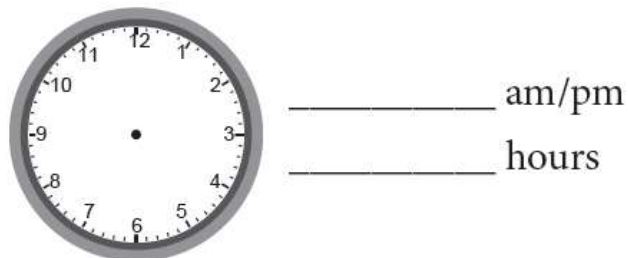4. The mug can hold _____ more ml of water than the cup.

5. Priya cut 12 chapattis and divide them among the following children. What fraction does each child get.
   a) 8 children
   b) 24 children

6. Match the following.

(a) 　　　　　　　　　　　(i) 0.34

(b) 　　　　　　　　　　　(ii) 0.24

(c) 　　　　　　　　　　　(iii) 0.07

(d) 　　　　　　　　　　　(iv) 0.4

7. What is the time 4 hours after 10:45 am? Show the time on the clock and mention am/pm Also write time using the 24-hour clock.

_____ am/pm

_____ hours

8. Mini bought fruits from the fruit seller who gave her a bill. Read the bill and answer the given questions by ticking the correct option.

S.N.	Fruit	Quantity	Rate
1.	Mango	2 kg	₹50
2.	Orange	5 kg	₹35

　　a) The amount Mini paid for mangoes is_____.
　　b) The amount Mini paid for oranges is _____.

9. How many minutes make a quarter of an hour?

10. If each square is a unit square, then the area of the given figure is

41