DELHI PUBLIC SCHOOL, GANDHINAGAR

MY BUDDY

CLASS 4

MATHS

INDEX

SYLLABUS FOR TERM-I

SYLLABUS FOR TERM-II

[2024-25]

Delhi Public School, Gandhinagar

Periodic Test – I Revision (2024-25)

Class IV	**Mathematics**	**Date:**
Time: 1hour		**M. Marks: 20**

Name: _____ Sec: _____ Roll No.:_____

CHAPTER – 1 NUMBER SYSTEM

SECTION – A

1. The Roman numeral for 100 is _____

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

2. On rounding off 58,476 to the nearest 100, we get _____.

a) 58,000 b) 58,500 c) 58,470 d) 59,000

3. In 98,754, place value of 7 is _____.

a) 700 b) 75 c) 7 d) 70

4. The greatest 4-digit number with all digits different and 6 at thousands place is _____.

a) 6987 b) 9876 c) 9587 d) 9857

5. Which of the following is same 20,509?

a) 20,000 + 0 + 500 + 0 + 9.

b) 2,000 + 00 + 500 + 0 + 9

c) 20,000 + 0 + 500 + 90

d) 20,000 + 500 + 20 + 9

SECTION – B

6. Build the possible 5-digit greatest and the smallest number using the given digits.

Greatest Number: _____

Smallest Number: _____

9, 0, 2, 7, 8

7. What is the place value and face value of 5 in 9854?

Place value: _____

Face Value: _____

8. Who am I?

a) I am the smallest 2-digit number.

Answer: _____

b) I am the predecessor of greatest 4-digit number.

Answer: _____

SECTION – C

9. Find the sum of the place value of digit 8 in numbers 4138 and 8247.

Solution:

CHAPTER – 2 ADDITION AND SUBTRACTION

SECTION – A

1. The answer of addition is called _____.

a) sum b) subtrahend c) addends d) difference

2. 10, 341 + _____= 10, 452

a) 1 b) 10 c) 11 d) 111

3. 1200 + _____ = 5656 + 1200

a) 5656 b) 1200 c) 5657 d) 1201

4. The number, which is subtracted, is called _____.

a) difference b) sum c) minuend d) subtrahend

5. The greatest 4-digit number with all different digits.

a) 9786 b) 9876 c) 9587 d) 9857

SECTION – B

6. Fill in the missing numbers:

	TTh	**Th**	**H**	**T**	**O**
	1	____	8	____	7
+	_____	0	1	7	2
	9	9	____	8	____

7. Arrange the numbers in columns and find the difference.

58,520 – 32,404

8. Arrange the numbers in columns and find the sum.

51098 + 12245 + 3456

SECTION – C

9. Solve the following.

1,96,874 – 85,762 + 67,532

Delhi Public School, Gandhinagar
HALF YEARLY REVISION (2024-25)

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

Name: _____ Sec: _____ Roll No.:_____

CHAPTER – 1 NUMBER SYSTEM

SECTION – A

1. The face value of 0 in 30679 is _____.

a) 000 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 Which of the following Roman numerals are correct?

a) XV b) XIVX c) IXIV d) XVXI

4 Some numbers are formed using the digits 9, 6, 2, and 5. Which is the largest even number that car formed?

a) 9256 b) 9526 c) 9562 d) 9652

SECTION – B

5. Write the standard form of the following

1 × 40,00,000 + 2 × 4,00,000 + 30,000 + 8000 + 1 × 600 + 4

Answer: _____

6. Write the age of Sam and Pam in Roman numerals and then find its sum.

Sam: _____

Pam: _____

SUM: _____

7. If Deepa put 9 in the hundreds place, what would be the largest number she could make?

a)7954 b) 7549 c) 7594 d) 9754

SECTION – C

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

Place Value:_____

Face Value:_____

Difference: _____

9. A. Compare : DCCLXV _____CDLXXII

a) < b) > c) = d) None of these

B. In number 27895, which of the following digit as same place value and face value?

a) 2 b) 8 c) 5 d) 7

C. 12546 is 12500 when rounded off to the nearest _____.

a) Tens b) hundreds c) Thousands d) Ten thousand

SECTION – D

10. Bunty had four numbers. He used each number once to make a number.

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

A. Greatest 6-digit number _____

B. Smallest 6-digit number _____

C. What is the predecessor of greatest number formed above?

a) 97540 b) 97451 c) 97542 d) 95400

D. If Bobby interchanged the digit of the hundreds place with the digit of tens place, what would be the number he could make?

a) 97540 b) 97450 c) 97054 d) 95407

CHAPTER – 2 ADDITION AND SUBTRACTION

SECTION – A

1. 8759 + 1 = _____.

a) 8769 b) 8760 c) 8859 d) 8758

2. Double of 35 – 35=_____.

a) 70 b) 35 c) 5 d) 00

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

a) 1 b) 0 c) number itself d) 100

4. Find the number twice of 3 + 25.

a) 50 b) 54 c) 56 d) 28

SECTION – B

5. Add the following:

$$\begin{array}{r} 2\ 1\ 4\ 5 \\ +\ 6\ 0\ 3\ 4 \\ \hline \end{array}$$

6. Subtract the following:

$$\begin{array}{r} 7\ 0\ 0\ 0\ 0 \\ -\ 4\ 9\ 9\ 9\ 9 \\ \hline \end{array}$$

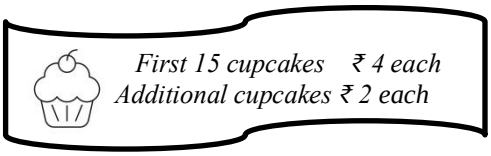
7. Write the number that continues each sequence in the most sensible way.

11	**10**	**?**	**100**	**1001**	**1000**	**10001**

a) 101 b) 110 c) 111 d) None of these

SECTION – C

8. Beena saw the offer given by a shopkeeper.



Beena has ₹80. What is the greatest number of cupcakes she can buy ?

a) 18 b) 25 c) 23 d) None of these

9. One more than the sum of 2, 15,658 + 2, 64, 115 is _____.

CHAPTER – 3 MULTIPLICATION

SECTION – A

1. The answer of multiplication is called _____.

a) minuend b) addition c) subtraction d) product

2. (18×10) × 25 = 10 × (_____× 25)

a) 18 b) 12 c) 25 d) 5400

3. 4 × 12 × 2 × 0 = _____.

a) 48 b) 64 c) 60 d) 0

4. Multiplication is the repeated _____.

a) minuend b)addition c) subtraction d) product

SECTION – B

5. Multiply the following: 852 ×124

6. Write the product without multiplying:

a) 2× 1000 = _____

b) 88 × 100 = _____

7. Arrange in columns and multiply : 515 × 12

SECTION – C

8. If the minuend is 28,131 and the difference is 20,000. Find the subtrahend.

9. 15,326 birds were at the Bharatpur bird Sanctuary.10, 450 birds migrated there. After few days 12, 500 birds left the sanctuary. How many birds are at the Sanctuary now?

SECTION – D

10. Find the number which is

a) Double of 25 b) Thrice of 540

CHAPTER 5 – MULTIPLES AND FACTORS

SECTION – A

1. Which number has only one factor?

a) 1 b) 2 c) 25 d) 10

2. What are limited in numbers?

a) multiples b) factors c) odd d) even

3. Which number is neither prime nor composite?

a) 1 b) 0 c) 2 d) 5

4. Which is the smallest multiple of the given number?

a) 1 b) number itself c) multiple d) zero

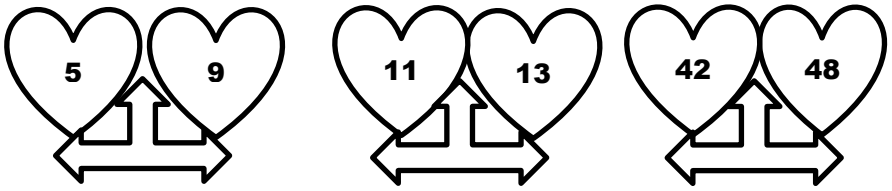
SECTION – B

5. Pick out the numbers which are divisible by 2 and 4 both.

25, 68, 32, 44, 21, 80, 25, 77, 36

Answer: _____

6. Identify the type of numbers.



a) _____ b)_____ c)_____

7. Find the factors of 42.

SECTION – C

8. Find the common factors of the following.

3 and 4

9. a) The product of 15 and 4 is same as the product of 12 and _____

b) Product of 11 and 3 + Twice of 50 = _____

SECTION – D

10. a) How many bananas are there in 9 dozen?

Answer: _____

b) Which two same numbers can be multiplied together that gives 2500?

Answer: _____

c) There are 100 years in a century. How many years are there in 18 centuries?

Answer: _____

d) There are 12 months in a year. How many months are there in a decade?

Answer: _____

CHAPTER – 8 GEOMETRY

SECTION – A

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

4. A _____ is a two-dimensional figure that can be folded to form a three-dimensional object.

a) ray b) net c) line segment d) polygon

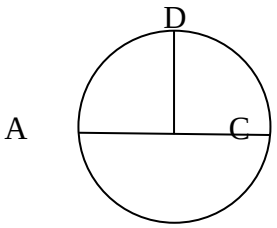
SECTION – B

5. Label the parts of the circle.

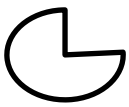
Diameter: _____

Radii: _____

Center: _____



6. Identify the following as open or closed curves.



a) _____ b)_____

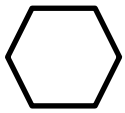
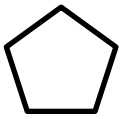
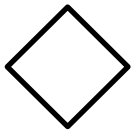
7. Match the following:

A	B
Line	i) ⟶
Line segment	ii) ———
Ray	iii) ⟷
Open figure	iv) ∽

a) _____ b)_____ c)_____ d)_____

SECTION – C

8. Jiya draws a figure as shown below. Identify and write its name.

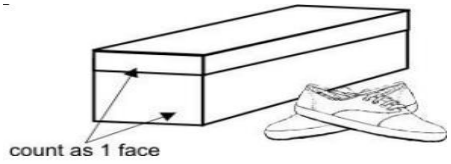
a) _____ b)_____ c)_____

9. Draw the circle with the following measurements.

a) Radius = 2 cm B) Diameter = 6 cm

SECTION – D

10. A. This closed shoe box (see figure) has …



a) 1 square face and two rectangular faces

b) 2 square faces and four rectangular faces

c) 4 square faces and two rectangular faces

d) 2 square faces and four faces which are neither square nor rectangular

B. Anil drew 6 triangles and Renu drew 5 rectangles. Who drew more straight lines and how many more?

a) Anil drew 1 line

b) Anil drew 3 lines more

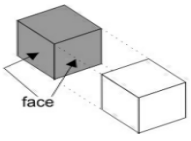
c) Renu drew 2 lines more

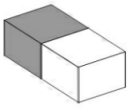
d) Renu drew 1 line more

C. Join the given points below. How many line segments you can draw?

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

D. A cube has 6 faces. Two cubes are joined face to face to form a solid shape like the one shown. How many faces will this solid have?





a) 6 b) 10

c) 8 d) 5

CHAPTER – 9 PATTERNS AND SYMMETRY

SECTION – A

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.

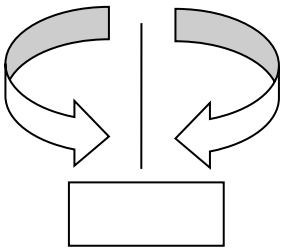
a) zero b) one c) two d) many

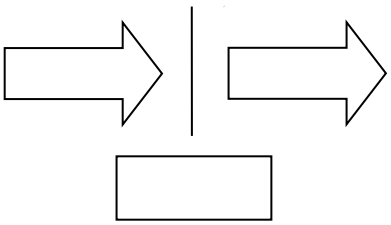
4. Which of these letters would look the same when reflected in a vertical mirror line?

a) V b) B c) C d) A

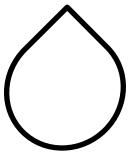
SECTION – B

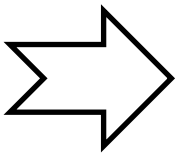
5. Put a tick on the figure those are reflection of each other.

a) 

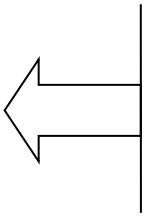
b) 

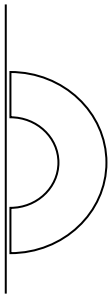
6. Draw the line of symmetry in the given figures.

a) 

b) 

7. Draw the mirror image of the following figures.

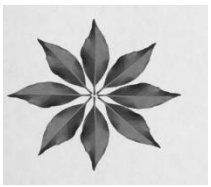
a) 

b) 

SECTION – C

8. 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)_____

9. Answer the following questions.

Identify two capital letters, which

a) When reflected in the mirror look different.

Answer: _____

b) When reflected in the mirror looks the same.

Answer: _____

c) How many rectangles will fit around one point?

Answer: _____

CHAPTER – 14 HANDLING DATA

SECTION – A

1. A collection of information in the form of numerical figures is called _____.

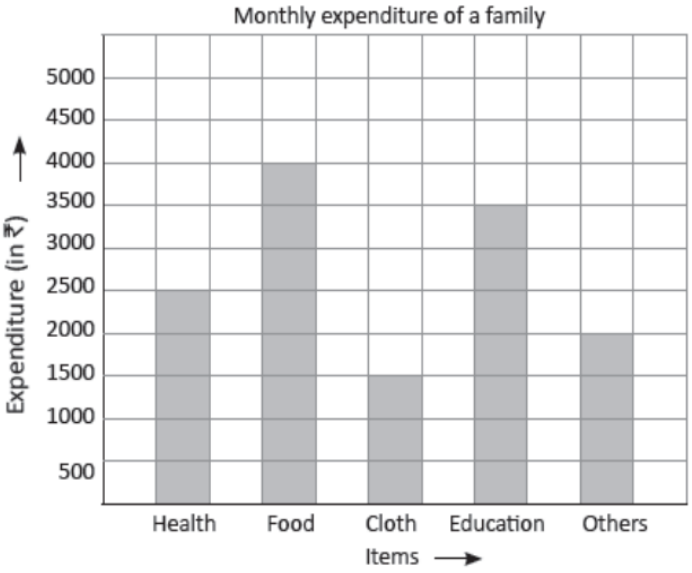
2. A _____ chart is a circular chart.

3. Two lines horizontal and vertical are called as _____and _____.

4. The sum of all the data in a pie chart is equal to _____.

SECTION – B

5. Read the paragraph given below which shows the family's monthly expenditure on various items.



a) What is the total expenditure on 'cloth and education?'

Answer: _____

b) On which item maximum expenditure is incurred?

Answer: _____

5. Meenu carried out survey on the favourite games of her friends. Help Meenu to recognizing the ball games from the given pictures and write its name with the help of help box.

(Cricket, Golf, Volleyball, Football, Roller skating, Swimming)

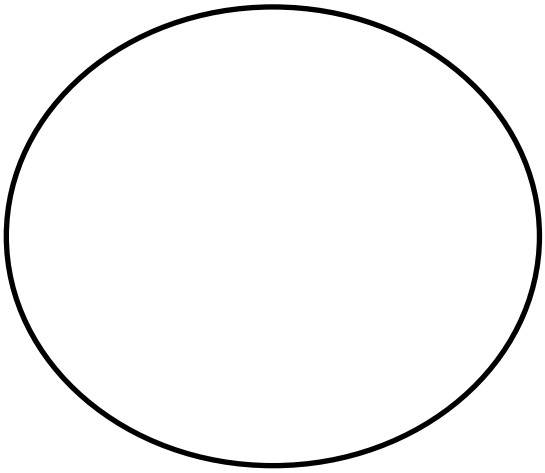
Answer: _____

SECTION – C

6. Students enjoyed different sports. Read this data of favourite sports of some children. Construct the pie chart of the given data.

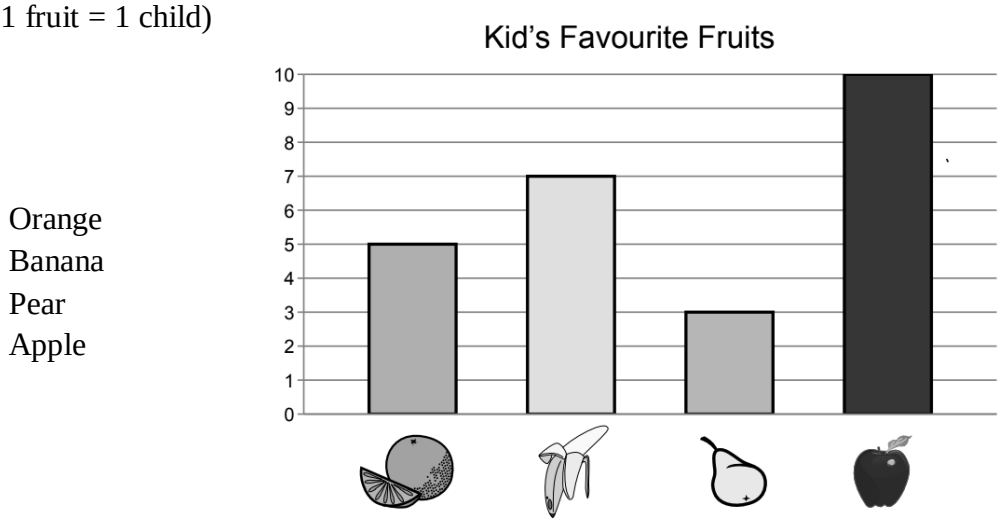
Sr. No.	Name of the Game	No. of Students	
1	Soccer	30	
2	Cricket	15	
3	Volley ball	15	
4	Tennis	60	

Calculation:



SECTION – D

7. Look at the bar graph showing the favourite fruits of the children.
(Scale 1 fruit = 1 child)



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

a) Which is the least favourite fruit?

Answer: _____

b) Which fruit is liked by the 4 children?

Answer: _____

c) How many children like pear?

Answer: _____

d) What is the title of given bar graph?

Answer: _____

Delhi Public School, Gandhinagar
Mock test Paper (TERM-I) (2024-25)

Class IV	Mathematics	Date:
Time: 2 hours		M. Marks: 50

Name: _____ Sec: _____ Roll No: _____

General Instructions:

1. This Question Paper has 4 Sections.
2. Section A has 13 MCQs carrying 01 mark each.
3. Section B has 9 questions carrying 02 marks each.
4. Section C has 5 questions of 03 marks each.
5. Section D has 1 question of 04 marks.
6. All questions are compulsory.
7. Use of calculators is not permitted.
8. Rough work, if any to be done in the rough work column neatly.

Section – A

Section A consists of 13 questions of 1 mark each

1. My ones digit is even number and thousands digit is odd number_____. **1**

a) 8,45,576 b) 8,42,574 c) 8,40,576 d) 8,48,577

2. The Face value of 8 in 38, 034 is _____. **1**

a) 800 b) 8000 c) 100 d) 8

3. 5627 + _____ + 3526 = 3526 + 5627 + 1920 **1**

a) 5627 b) 1920 c) 1921 d) 3526

4. 1298 + 0 = _____ **1**

a) 129800 b) 12980 c) 1298 d) 1298

5, _____ is the fifth multiple of 8. **1**

a) 15 b) 25 c) 40 d) 20

6. 14× 20 =_____ **1**

a) 28 b) 280 c) 34 d) 20

7. 6758 × 48× 0 =_____. **1**

a) 6758 b) 0 c) 48 d) None of these

8. Factors are _____ or equal to the given number. **1**

a) smaller b) greater c) one d) same

9. Complete the pattern: 200 , 150, 100, _____ **1**

a) 45 b) 55 c) 20 d) 50

10. The polygon with 9 sides is called _____. **1**

a) Octagon b) Nonagon c) Heptagon d) Hexagon

11. What is the 'DIFFERENCE' of the greatest 4-digit and the smallest 3-digit number? **1**

a) 9989 b) 8999 c) 9899 d) none of these

12. In the following question which alternative will replace the question mark. 120 is to 60 as 80 is to_____? **1**

a) 55 b) 40 c) 45 d) 85

13. 8 tens + _____ ones = 90 **1**

a) 5 b) 10 c) 4 d) 8

Section – B

Section B consists of 9 questions of 2 marks each.

14. Write the following in Roman numerals: **2**

a) 35 = _____ b) 98 = _____

15. Add the following: **2**

95, 624 + 61, 242 + 534

16. Solve the following: **2**

425 × 19

17. A. Write the first five multiples of 7. **2**

Answer: _____

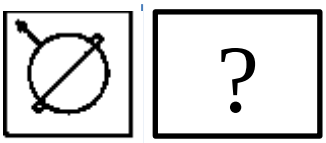
B. Write the first three prime numbers?

Answer: _____

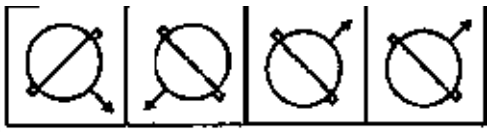
18. A. Draw the line segment of 4 cm. B. Draw a circle of radius 2 cm. **2**

19. Draw a six sided polygon and name it. **2**

20. A. Find the mirror image of the given below. **2**



(X)



(1) (2) (3) (4)

B. What will be the last cloud number? **2**

a) 14 b) 15 c) 13 d) 1

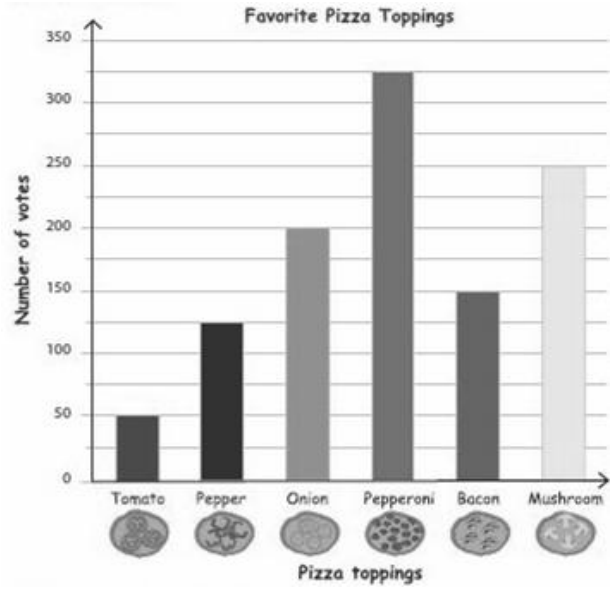
21. A. What is the sum of 504 and 3982 rounded off to the nearest hundred? **2**

a) 4400 b) 4486 c) 4500 d) 4600

B. A 5- digit number is made up of different digits that are odd numbers. What is the greatest possible number?

a) 9999 b) 97775 c) 97531 d) 10000

22. Read the following bar graph and answer the following questions. **2**



a) Which is the least popular topping?

Answer: _____

b) Which topping has 350 votes?

Answer: _____

Section – C

Section C consists of 5 questions 3 marks each **3**

23. A. Write the number with: 3 ones, 5 tens, 4 hundreds, 6 thousands.

Answer: _____

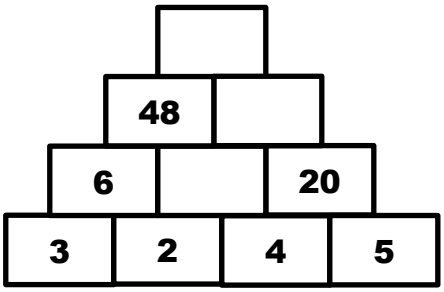
B. Find the sum of 300 and 25 and give your answer in Roman Numerals.

Answer: _____

C. 470 + how many tens = 1000?

a) 430 b) 530 c) 43 d) 53

24. Solve the given multiplication pyramid. **3**



25. Write 'TRUE' or 'FALSE.' **3**

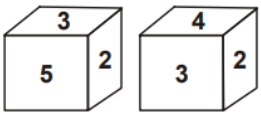
a) As the position of eye changes, the view of the object changes. _____

b) If a curve starts and ends at the same point, then it is called open shape. _____

c) A polygon has minimum 3 lines to form the shape. _____

26. A. Two positions of dice are shown below. What will appear opposite to the face containing '4?' **3**

a) 1 b) 2 c) 3 d) 5

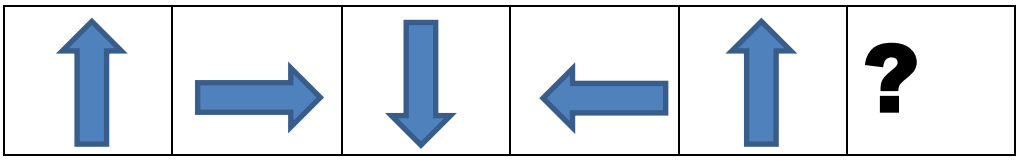


B. Find the next letter in the series.

X	W	V	U	T	?

a) Q b) R c) S d) P

C. Complete the pattern:



a)  b)  c)  d) 

27. An institution has 66,500 students. If 49,565 are boys, then find the number of girls. **3**

Section – D

Section D consists of 1 question of 4 marks. **4**

28. Disha read the given pages each month.

Pages read	
Month	Number of pages
January	4,176
February	4,416
March	4,768
April	4,716

A. In which month did she read less number of pages?

a) January b) February c) March d) April

B. In which month did she read more number of pages?

a) January b) February c) March d) April

C. Find the sum of pages read by Disha in the month of January and April.

a) 8892 b) 8982 c) 8992 d) 8890

D. How more pages Disha read in the month of March than April?

a) 52 b) 9484 c) 62 d) 8484

Delhi Public School, Gandhinagar

Periodic Test-II Revision (2024-25)

Class IV	**Mathematics**	**Date:**
Time: 1hour		**M. Marks:**

Name: _____ Sec: _____ Roll No.:_____

CHAPTER – 4 DIVISION

Section – A

1. Which of the following is true?

a) $17 \times 0 = 17$ b) $0 \div 9 = 9$ c) $25 \div 1 = 25$ d) $25 \div 5 = 10$

2. Into how many groups of 8 these candles can be divided?

a) 6 b) 4 c) 10 d) 2

3. What will be the quotient when 1200 is divided by 24?

a) 40 b) 50 c) 45 d) 60

4. For making New year decorations, Nina collected 3250 pieces of flowers, leaves, ribbons and small bells. If she used 10 out of them, how many decoration pieces can she make?

a) 325 b) 520 c) 450 d) 500

Section – B

5. Divide and find the quotient and remainder.

$8338 \div 15$

6. Divide and Verify your answer by multiplication.

$4654 \div 6$

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

Section – C

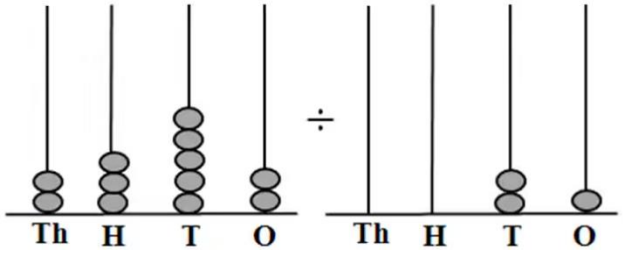
8. Maria is arranging her father's books in a new bookshelf which has 6 shelves. After putting 15 books in each shelf, she finds that 10 books are still left outside. How many books are there in total?

9. In a charity event, 1400 toys are to be distributed equally in 20 orphanages. How many toys will each orphanage receive?

Section – D

10. A. Divide the greatest 3-digit number by the smallest 2-digit number. Find the quotient and remainder.

b)



CHAPTER – 6 FRACTIONS

Section – A

1. What part of the circle is coloured?

a) $\frac{3}{4}$ b) $\frac{1}{3}$ c) $\frac{4}{5}$ d) $\frac{2}{3}$

2. $\frac{3}{5} = \frac{\quad}{20}$

a) 24 b) 12 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) $\frac{5}{6}, \frac{5}{8}$

4. The fraction with the 1 as the numerator is called _____.

a) Proper fraction b) Improper fraction

c) Unit fraction d) Mixed fraction

Section – B

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

B. Arrange in ascending order.

$\frac{4}{9}, \frac{1}{9}, \frac{2}{9}, \frac{8}{9}$

6. A. What fraction of the letters of the given word has curved lines?

Answer: _____

B. Find three equivalent fractions of $\frac{4}{7}$.

Answer: _____

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

a) $\frac{14}{4}$ b) $\frac{55}{11}$

Section – C

8. A. How many one-fifths will make one whole?

B. Akhil walked $\frac{5}{12}$ of a kilometer and jogged $\frac{7}{12}$ of a kilometer. Did he walk more or jog more?

9. If 1 litre of milk costs ₹ 60. How much will $\frac{1}{2}$ litre of milk cost?

Section – D

10. A. Colour $\frac{3}{4}$ of the given circles.

$\frac{3}{4}\ of\ 8$

B. If the fraction $\frac{N}{6}$ and $\frac{2}{3}$ are equivalent. What is the value of N?

Delhi Public School, Gandhinagar
ANNUAL REVISION (2024-25)

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

Name: _____ Sec: _____ Roll No.:_____

Chapter – 4 Division

Section – A

1. If any number is divided by _____ the answer is the number itself.

a) zero b) one c) two d) number itself

2. Alia and their friends organized a donation drive for underprivileged children. They collected 950 items and distributed them to 50 children. How many articles did each child get?

a) 75 b) 19 c) 59 d) 18

3. 77000 ÷ 1000 = _____

a) 77 b) 770 c) 0 d) 77

4. The operation performed to check division is:

a) addition b) subtraction c) multiplication d) none of these

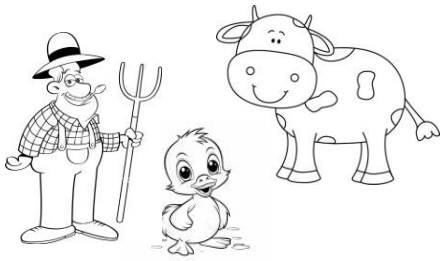
Section – B

5. Divide and find the quotient and remainder.

a) 108 ÷ 9 b) 9942 ÷ 17

6. If 15 containers can hold 3,750 kilograms of rice in total, and each container has the same capacity, what is the quantity of rice in each container?

7. Farmer Freddy keeps his cows and ducks in the barn. If there are 13 animals in the barn and they all have 34 legs, how many cows and how many ducks does he have?



Section – C

8. 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?

9. Fill in the blanks.

A. 875 ÷ _____ = 1

B. Which pair of numbers best completes the equation? □ ÷ 100 = ○

a) 95 and 950 b) 9500 and 95 c) 905 and 9500 d) 950 and 9005

C. 9000 are _____ times of 90.

Section – D

10. A. Mohit solved the problem below. Which expression could be used to check his answer?

a) (454 × 3) + 2 b) (454 × 2) + 3
c) (454 + 3) × 2 d) (454 + 2) × 3

$$3\overline{)1364}\ \begin{matrix}454\\ \\ \\ \end{matrix}$$: Remainder = 2

b) 400 ÷ 4 _____100 ÷ 1 (Put an appropriate sign >, < or =)

c) Leena and her mother made a quilt. They used 56 squares and made 8 rows. How many squares are in each row?

Answer: _____

Chapter – 6 Fractions

Section – A

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

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

2. Fractions with different denominators are called _____ fractions.

a) unlike b) like c) proper d) unit

3. A combination of a whole number and a proper fraction is called a _____ fraction.

a) mixed b) proper c) improper d) unit

4. If Alex has 15 marbles and wants to give one fifth of them to his brother, how many should he give?

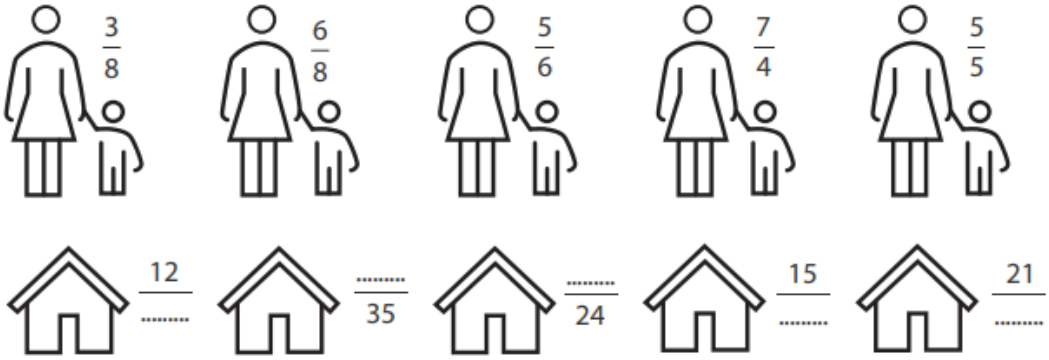
a) three b) two c) five d) seven

Section – B

5. a) Add the following. b) Subtract the following.

$\frac{5}{7} + \frac{1}{7} =$ $\frac{12}{15} - \frac{7}{15} =$

6. Look at the pictures below. The house number and its members are equivalent fractions of each other. Complete the house numbers for each family and match.



7. There are a total of 24 gymnasts and runners in the group participating in the Youth Olympic Games from India. $\frac{1}{4}$ Of this group are gymnasts. How many are runners?

Section – C

8. Fill in the blanks.

a) The numerator of a proper fraction is always _____ than the denominator.

b) _____ fractions are more than one whole.

c) Compare the following the fractions using >, < or =.

$\frac{4}{5}$ ◯ $\frac{2}{5}$ $\frac{6}{5}$ ◯ $\frac{4}{7}$

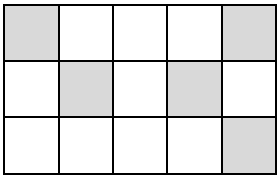
9. A chocolate cake is cut into twelve equal pieces. Mr. John eats five pieces at break time with his mug of tea. What fraction of the cake is left?

Section – D

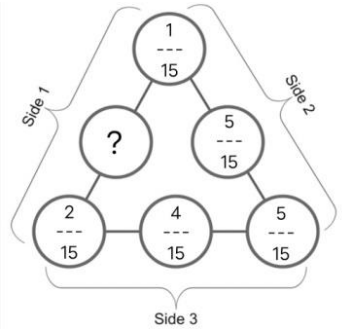
10. A. Kriti puts the tiles shown below into an empty bag and mixed them up. What fraction of letters on tiles are vowels?

B. What fraction of a year do May, June, July and August together make?

C. How many more parts must be shaded so that $\frac{7}{15}$ of the figure gets shaded?



D. What should be placed in an empty space so that the sum of the fractions along each side of the triangle is same?



Chapter – 7 Decimals

Section – A

1. Eighty-five point three four one is _____.

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

2. Among 100 students in a club, 63 are seniors. Express the number of juniors in the club as a decimal.

a) 40.0 b) 37.0 c) 0.27 d) 0.73

3. 8 tens _____8 tenths.

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

4. Mohan, Rahul and Jay were writing the place value of 9 in the decimal number 67.912.

- Mohan: The place value of 9 is oneth.
- Jay: The place value of 9 is tenth.
- Rahul: The place value of 9 is hundredth.

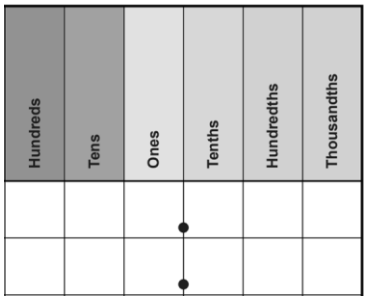
Who is correct?

a) Jay b) Rahul c) Mohan d) None of these

Section – B

5. Write the following numbers in the decimal place value chart.

a) 654.06 b) 52.39



6. A. 6.300 and 7.024 are _____ decimal numbers. (like/unlike)

B. 5.3 and 4.063 are unlike fractions _____. (T/F)

C. Convert the following decimal to fractions.

a) 0.6 b) 5.008

7. A. Write down 67.1234 in expanded form.

Answer: _____

B. Write the short form of the following decimal number.

$6 + \frac{2}{10} + \frac{7}{100} + \frac{3}{1000}$

C. Write the number name for the following decimal.

147.65 = _____

Section – C

8. A. In which of the following numbers does the digit 3 stands for 3 tenths?

a) 356.39 b) 763.87 c) 935.16 d) 975.93

B. Convert the following fractions to decimal numbers.

a) $\frac{14}{5}$ b) $\frac{9}{10}$

C. Complete the blank.

908.57 = (9 × 100) + (8 × _____) + $(5 \times \frac{1}{10})$ + (7 × _____)

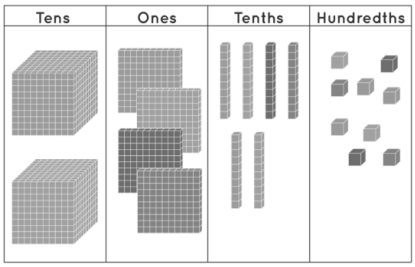
9. A. Circle the odd one out in the following.

9.27, 7.55, 6.0

B. Convert the following unlike decimals to like decimals.

12.8, 11.465, and 9.02

C. What decimal number is illustrated by the picture shown below?



Answer: _____

CHAPTER- 12 MONEY

Section – A

1. ₹ 453.75 - ₹ 241 .75

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

2. 7500 paise is 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

Solution:
a) ___ × ___ p = ₹ ___
b) ___ × ₹ ___ = ₹ ___
c) ___ × ₹ ___ = ₹ ___

4. The smallest value from the following is:

a) 10025p b) ₹ 200 c) 5000p d) ₹ 312

Section – B

5. A. Add the following: ₹ 28.75 + ₹ 335.75

B. Convert the following paise to rupees.
8234 p

6. Kareena bought a cookie box of ₹ 35.75 and a packet of almond chocolate for ₹ 25.50. If she gave the shopkeeper a ₹ 100 note, then how much money should she get back?

7. Sia opens her money bank. There are fifty notes of ₹ 50 and twenty notes of ₹ 20. How much money is there in the bank?

Section – C

8. When Sam 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?

9. 1 kg grapes cost ₹ 75.85 and 1 kg oranges costs ₹ 50. How much more does a 1 kg grapes cost than 1 kg oranges?

Section – D

10. A. The largest value of money from the following is _____

a) ₹ 100.24 b) ₹ 120. 05 c) ₹ 1005 d) 2001

B. Seven 10 - rupee notes and three 50 - rupee notes make ₹ ____.

C. Yuvika is very fond of reading books. Once she bought books for ₹ 465 and she paid ₹ 500 to the bookstore, which expression shows the correct amount of change that she will get back?

a) ₹ 500 + ₹ 465 b) ₹ 500 – ₹ 465
c) ₹ 500 × ₹ 465 d) ₹ 500 ÷ ₹ 465

D. Write the following amount in words.

₹ 123.70= _____

Chapter – 10 Metric Measures

Section – A

1. How many centimeters are there in 15 metres 8 cm?

a) 15 cm b) 1508 cm c) 158 cm d) 1580 cm

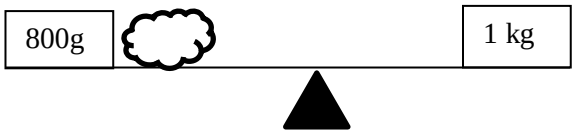
2. Millilitre is the smallest unit of _____.

a) Weight b) capacity c) length d) none of these

3. Amount of water in a bucket _____.

a) 15ℓ b) 15 mℓ c) 15 kg d) 15 g

4. Balance the scale.



a) 400g b) 200g c) 100g d) 500g

Section – B

5. The capacity of tank A and tank B are 15ℓ and 50, 000 mℓ, respectively. Find the total capacity of both tanks.

6. Convert the following.

a) 8236 mg to g and mg b) 29 mm to cm and mm

7. Observe the given figure. Raj visits his relative at the hospital, collects a book from the library and posts a letter at the post office where he works. If he returns home in the same route, how much distance does he travel?

Section – C

8. How many times would you need to fill this cup with water to fill a jug of capacity 1 litre?

9. The length of a cricket pitch is approximately 20.12 m. How much is it in centimetres?

Section – D

10. a) The capacity of a water tank is 96 ℓ 760 mℓ. Due to leakage in the tank, 67 ℓ 860 mℓ drained out of the tank. The remaining quantity of water in the tank is_____.

b) Fill in the blank with the sign <, > or =. 2500 ml _____ 2 ℓ 500 ml

c) 3 kg = 1 kg + 1 kg + _____ g + 500 g.

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

Chapter – 13 Perimeter and Area

Section – A

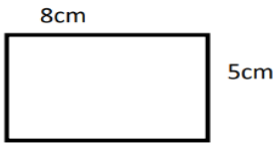
1. The _____ of a shape is the sum of the lengths of all the sides of that shape.

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 5 cm and width 8 cm is ____.

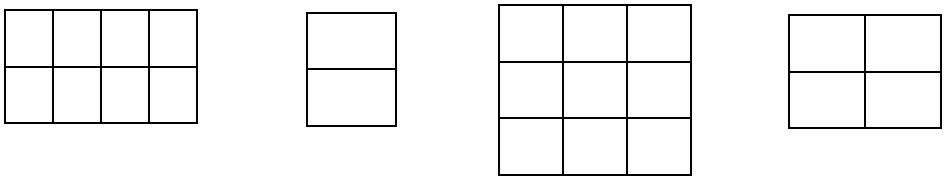


a) 26 cm b) 23 cm

c) 20 cm d) 22 cm

4. Arrange the following in increasing order according to their area.

A = 8 sq. m B = 2 sq. m C = 9 sq. m D = 4 sq. m

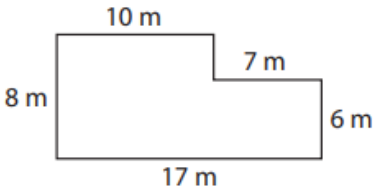


a) b,c,d,a b) a,c,b,d c) c,a,d,b d) d,b,a,c

Section – B

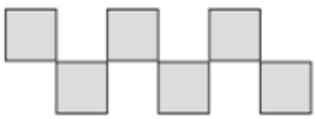
5. Find the perimeter of given figures.

a)



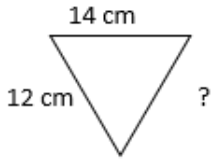
Perimeter: _____

b) Each square is of 1 cm.



Perimeter: _____

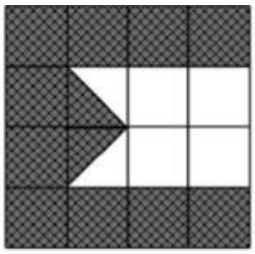
6. Find the missing side. If the Perimeter is 38 cm.



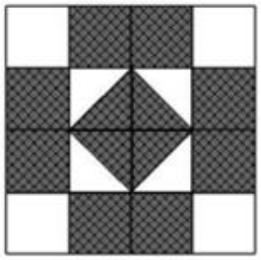
7. Priya wants to decorate all the four sides of a greeting card using a ribbon. Find how much ribbon is required to decorate the card if the length of one side is 8 cm?

Section – C

8. Find the area of each figure in square units.

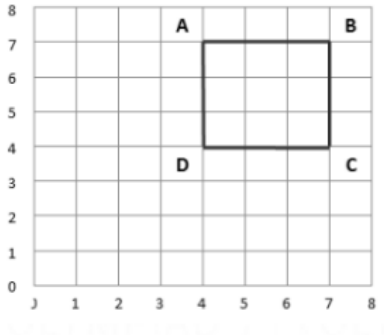
a) 

_____ square units

b) 

_____ square units

9. A boy runs 2 times around a park. Find the distance covered by him.



Chapter – 11 Time

Section – A

1. 12 midnight in the 24-hour clock time would be _____.

a) 12:00 Hours b) 23:00 Hours c) 00:00 Hours d) 22:00 Hours

2. It is a half past four. Which one is the suitable clock?

a) 

b) 

c) 

d) 

3. Alpana's art course began on April 24 and got over on June 12. What was the duration of her art course in days?

a) 73 days b) 68 days c) 70 days d) 75 days

4. You go to the park at 7:30 a.m. and come back at 9 a.m. How much time did you spend at the park?

a) 1 hour b) 2 hours

c) 1 hour 30 minutes d) 3 hours 30 minutes

Section – B

5. a) 10 p.m. in a 24-hour clock is _____.

b) 18:10 hours in the 12-hour clock time would be_____.

c) We do not use a.m. or p.m. for 12 o'clock. It is written as 12 noon or 12 midnight.

(T/F) _____.

6. Write the time in two ways.

_____

_____

7. Use a.m. or p.m. for the following activities.

a) You eat your breakfast at 08:30 _____. (a.m./p.m.)

b) Anisha studied late into the night till 11:30 _____. (a.m./p.m.)

Section – C

8. Ria 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 she need to be at home?

9. Alveena started reading her comic book on 15th August. It took her 21 days to complete the book. On what day did she finish reading the book?

Section – D

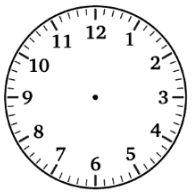
10. A. The figure shows a time line. Find the duration between the two given times.

B. Convert the given times into 12-hour or 24-hour clock format.

a) 17:30 hrs. _____ b) 5.40 a.m. _____

C. What is the time 5 hours after 8:45 a.m.? Show the time on the clock. Write time using both the 12-hour clock and 24-hour clock.

12-hour clock: _____ a.m. / p.m. 24-hour clock: _____



D. Look at the current year calendar and find the date and day one week after 15th January.

Answer: _____

2025

JANUARY

S	M	T	W	T	F	S
			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	31	

Chapter – 5 Multiples and Factors

Section – A

1. The smallest multiple of 21 is _____.

a) 1 b) 7 c) 21 d) None of these

2. 45 is divisible by____.

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

3. How many multiples of 10 are there from 20 to 150?

a) 13 b) 15 c) 14 d) 12

4. _____ is the factor of every number.

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

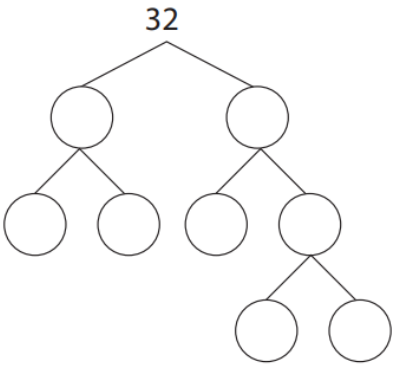
Section – B

5. List all the prime and composite numbers:

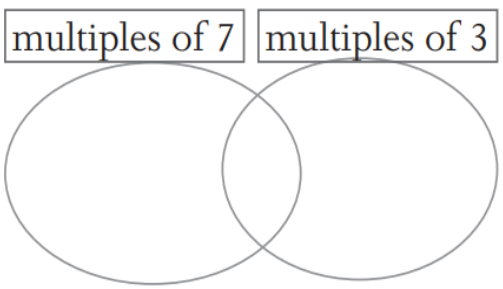
a) between 45 and 55 - _____

b) more than 20 but less than 30 - _____

6. Complete the following factor tree.



7. Write the multiples of the following numbers in their respective circles with their common multiples in the center.



Section – C

8. Sort the numbers in the correct rows.

44	156	37	218	133	29	308	111	96	25

Even					
Odd					

9. Colour the box with the correct answer.

69 is divisible by 6	Yes	No	176 is divisible by 8	Yes	No
94 is divisible by 3	Yes	No	124 is divisible by 4	Yes	No

Delhi Public School, Gandhinagar
Mock test Paper (TERM-II) (2024-25)

Class IV	**Mathematics**	**Date:**
Time: 2 hours		**M. Marks:**

Name: _____ Sec: _____ Roll No.:_____

General Instructions:

1. This Question Paper has 4 Sections.
2. Section A has 13 MCQs carrying 01 mark each.
3. Section B has 9 questions carrying 02 marks each.
4. Section C has 5 questions of 03 marks each.
5. Section D has 1 question of 04 marks.
6. All questions are compulsory.
7. Use of calculators is not permitted.
8. Rough work, if any to be done in the rough work column neatly.

Section – A

Section A consists of 13 questions of 1 mark each.

1. A shopkeeper bought 50 varieties of toffees. If there were 5000 toffees in all, then how many toffees of each variety did he buy? **1**

a) 80 b) 90 c) 100 d) 110

2. Which of the following is equal to $\frac{5}{100}$? **1**

a) $\frac{1}{25}$ b) $\frac{1}{20}$ c) $\frac{5}{50}$ d) $\frac{5}{25}$

3. ₹ 453.75 – ₹ 241. 75 = _____ **1**

a) ₹ 210.00 b) ₹ 211.00 c) ₹ 212.00 d) ₹ 213.00

4. The total length of the boundary of an object is called its_____. **1**

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

5. Shikha has made 6 ℓ of orange squash at home. How many 2 ℓ bottles can she pour it into? **1**

a) 2 bottles b) 4 bottles c) 5 bottles d) 6 bottles

6. 1750 is divisible by _____. **1**

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

7. The time from 12 midnight to 12 noon is indicated by _____. **1**

a) a.m. b) p.m. c) noon d) midnight

8. What time is it 2 hours before midnight? **1**

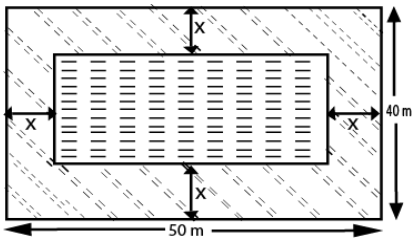
a) 8 p.m. b) 10 p.m. c) 6 p.m. d) 11 p.m.

9. Replace the given box with a number so that the fractions are equivalent. $\frac{10}{9} = \frac{\square}{9}$ **1**

a) 9 b) 8 c) 10 d) 12

10. The length and breadth of a rectangular lawn is 50 m and 40 m, respectively, then its area is: **1**

a) 1500 m^2
b) 1800 m^2
c) 2000 m^2
d) 2200 m^2



11. Ravi had 100 rupees. He spent 20 rupees to buy an ice cream. What fraction of money he spend on ice cream? **1**

40 b) 70 c) 30 d) 50

12. 564.02 = (5 × 100) + (6 × 10) + (4 × 1) + (2 × _____) **1**

a) 10 b) 100 c) $\frac{1}{10}$ d) $\frac{1}{100}$

13. 5 kg = 2 kg + 1 kg + _____ + 1000 g **1**

a) 500 g b) 100 g c) 1 kg d) 5 kg

Section – B

Section B consists of 9 questions of 2 marks each.

14. Divide and find the quotient and remainder. **2**

2296 ÷ 7

15. Find four equivalent fractions of $\frac{8}{9}$. **2**

16. Fill in the blanks. **2**

a) The time 3 hours before 5:30 p.m. is _____

b) 9 a.m. in a 24-hour clock is _____.

17. Draw and calculate the perimeter of the following figure. **2**

A triangle with sides 8 cm, 6 cm and 7 cm

18. Five friends weigh 310 kilograms together. If each of them weighs the same, what is that weight? **2**

19. a) A king cobra is 3.7 m in length. How many cm is that? **2**

b) Mr. John had 209 kg rice with him. He gave 45 kg to his friend. How much rice was left with Mr. John?

20. A. Which number represents "five hundred seven tens two tenths and four hundredths"? **2**

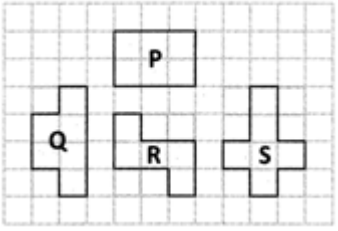
a) 572.4 b) 570.24 c) 507.24 d) 570.42

B. At what place is the digit 4 in the number 256.434?

a) Tens b) Tenths c) Thousands d) Thousandths

21. Firoj brought 20 sandwiches. Ajay ate 3 sandwiches and Riya ate 4 sandwiches. Find (in fractions) how many sandwiches are left? **2**

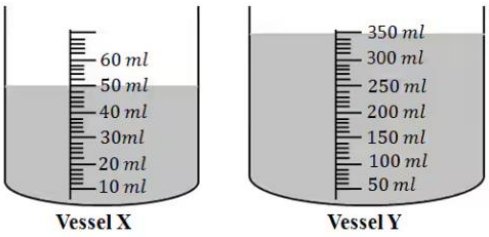
22. The figures are drawn on a grid of equal squares. Which shape has a greatest perimeter? **2**



Section – C

Section C consists of 5 questions of 3 marks each.

23. Vessels X and Y contain milk as shown below. The amount of milk in them marked in millilitres. If the milk is completely poured into a third vessel Z, how many litres of milk will be there in vessel Z? Give your answer in litres. **3**



24. Write each of the following in decimal. **3**

a) Three and seventeen-hundredths _____

b) Four-tenths _____

c) $500 + \frac{3}{10}$ _____

25. A. Alia completed her badminton class at 4.40 p.m. She reaches her home at 5.35 p.m. How long time does she take to reach home? **3**

B. How many minutes are there in a day?

a) 720 b) 1440 c) 1540 d) 420

26. A. Write three common multiples of 12 and 15. **3**

B. Jim has 36 cartoon cards. His friend gives him 23 more. Will the number of the cards he has now be even or odd?

C. The price of a school bag is ₹ 250.95 but Robert has only ₹ 210.25. How much more money does he require to buy the bag?

27. Use the colour code to colour the umbrella. **3**

Divisible by	Colour
3	Red
4	Blue
5	Yellow
100	Green

Section – D

Section D consists of 1 question of 4 marks

28. Sam went to a stationery shop. He bought one pen for ₹ 15, two pencils for ₹ 5 each, one eraser for ₹ 4, one scale for ₹ 5 and one crayon box for ₹ 18 and sticky notes for ₹ 20. Prepare the total bill for Sam. **4**

Sr. No.	Bill No.	Shop,		Date:
	Items	Quantity	Rate (in ₹)	Amount (in ₹)