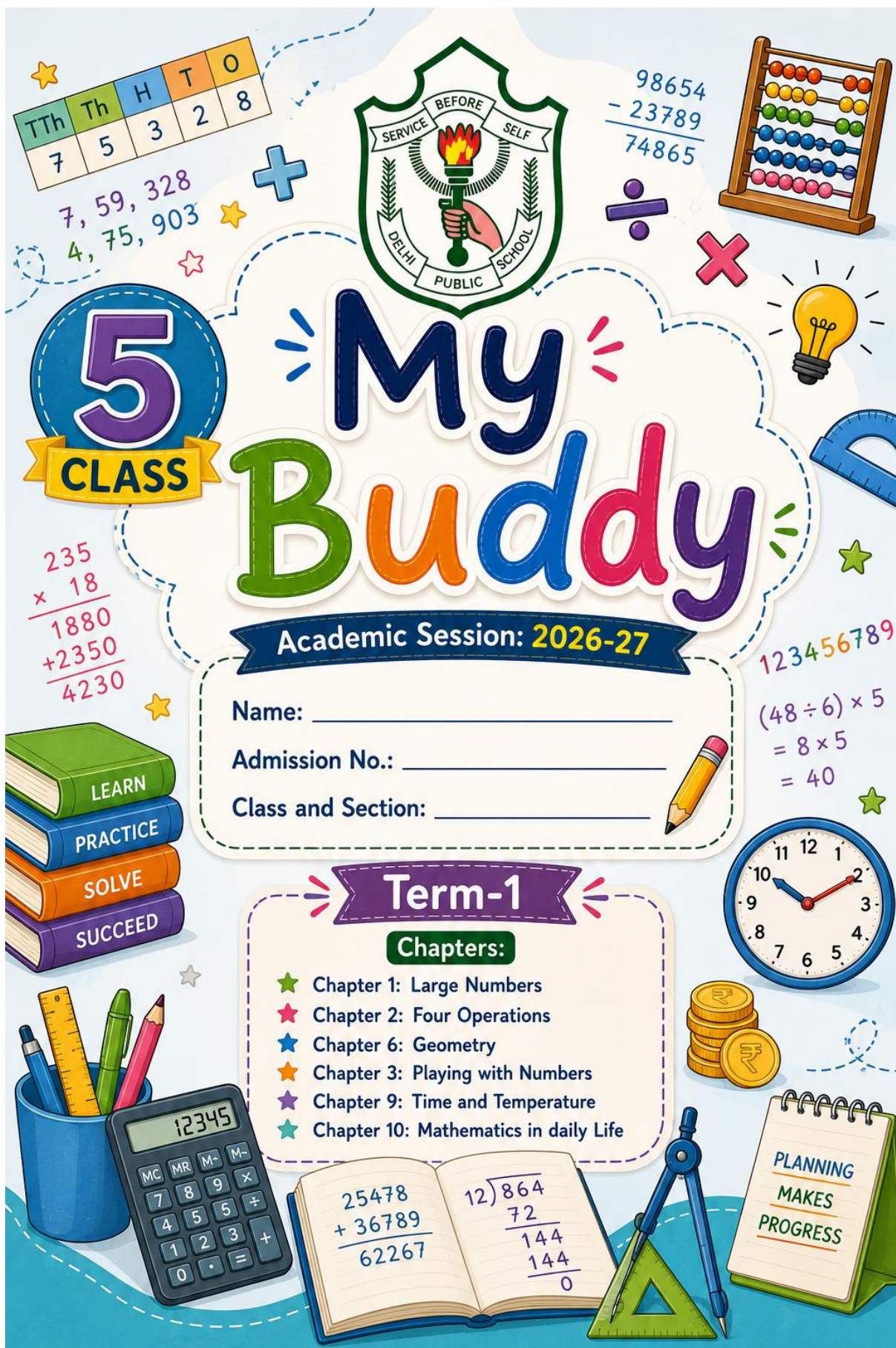






Delhi Public School, Gandhinagar
P.T –I Revision Paper (2026-27)

Class : V

Mathematics

Date:

Time:

M. Marks:

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

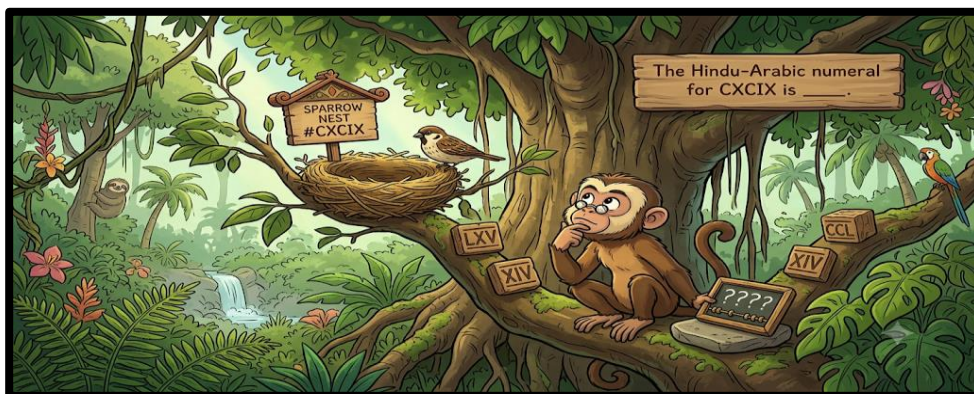
CHAPTER 1
LARGE NUMBERS
SECTION A

Choose the correct option.

1. If “Nine crore nine thousand twenty” is written as a numeral, what digit is in the hundreds place?



- a) 9 b) 0 c) 2 d) 90
2. **Assertion (A):** The number 10,00,000 is read as "Ten lakh" in the Indian system.
Reason (R): One million is equal to ten lakh.
- a) (A) is true , but (B) is false. b) (B) is true , but (A) is false.
- c) A is true but B is not correct explanation of A . d) Both A and B are true .
3. Help Dodo to read Chichi house number CXCIX_____ .



- a) 249 b) 299 c) 199 d) 149
4. Which option has the greatest value?
- a) Five lakh five thousand fifty b) Five lakh fifty thousand five
- c) Five lakh five hundred fifty d) Five lakh fifty-five thousand
5. Select the correct option.
- a) 249 – CXLIX b) 167 – LXVIII c) 207 – CCVII d) 499 – DLIX

SECTION B

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

259063210

Indian Number System

International number system:

7. Arrange the following in descending order:

34,18,745 ; 19,18,645; 2,18,18,645; 7,07,745

8. (i) The number that is 10 less than 10,000 is _____ .
- a) Nine thousand b) Nine thousand nine hundred c) Ten thousand nine hundred d) Nine thousand nine hundred and ninety
- (ii) 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
- (iii) The height of Kirti is CLX and the height of Rahil is CLII cm. Who is taller among them?



- (a) Kirti (b) Rahil c) Both have same heights d) Can't be determined

SECTION C

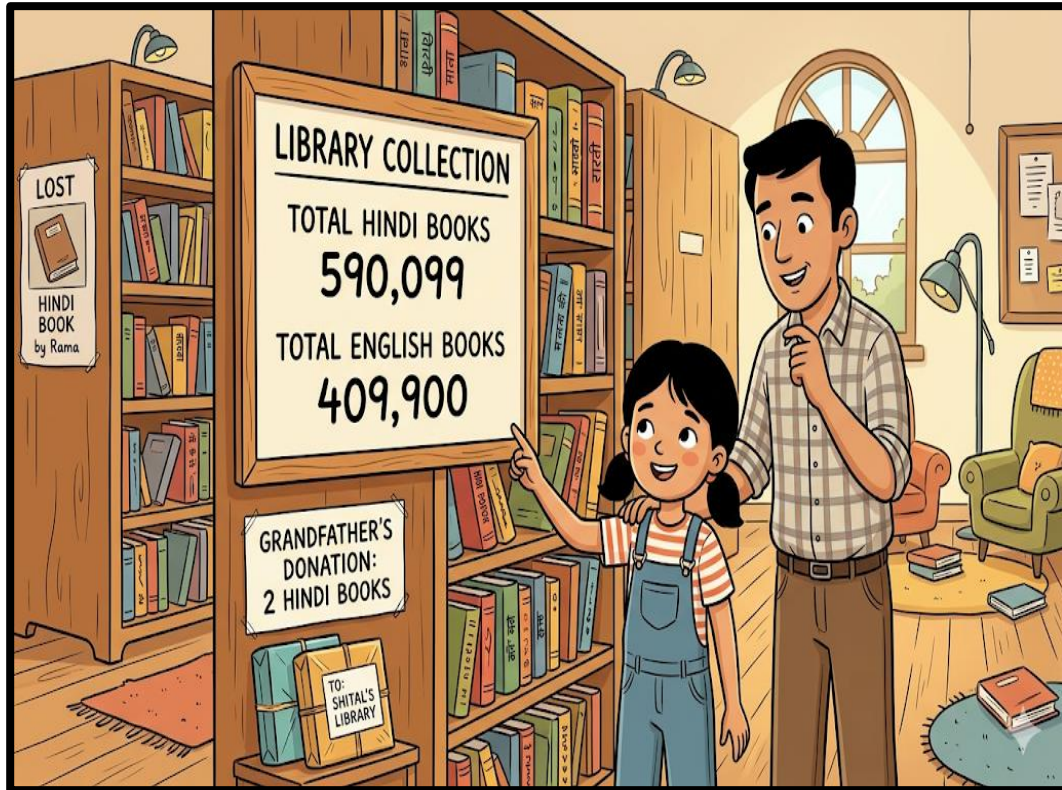
9.



The village panchayat in Rampur spent Rs.54,554 on cleaning a polluted pond in the village. (Round the given information to the nearest 1000)

SECTION D
CASE STUDY

9.



Shital and her father went to a library. In the library, there were 5,90,099 books in Hindi and 4,09,900 books in English. Rama took one Hindi story book of the library and lost it. Next day her grandfather donated 2 Hindi story book to the library. Based on above passage answer the following questions:

- a) How many total books were present in the library.
- b) Write the total number of books in words in International Number system.
- c) Write the expanded form for the number of Hindi Books.
- d) Write the successor and predecessor of the given numbers of Hindi and English books.

CHAPTER-2
FOUR OPERATIONS
SECTION A

1. What number must be added to 45,670 to make it the smallest 6-digit number?
a) 54,330 b) 54,430 c) 44,330 d) 64,330
2. Find the difference between the **Greatest 5-digit number** and the **Smallest 5-digit number** formed using the digits **8, 0, 5, 2, 1**, (each digit used only once).
a) 74,950 b) 74,952 c) 70,952 d) 74,000
3. **Assertion (A):** The result of $0 \div 9,999$ is 0.

Reason (R): Any number divided by zero is undefined zero.
a) Both (A) and (R) are true, and (R) is the correct explanation of (A). b) Both (A) and (R) are False.
c) (A) is true, but (R) is false d) (A) is false, but (R) is true.
4. $15,000 \div \square = 150$; what is the value of $\square$?
a) 100 b) 1000 c) 10 d) 15

SECTION B

5. Find the quotient if 1,895 divided by the smallest 3-digit number.
6. Find the product of 4,693 and the greatest 2-digit number.
7. (i) Add the following: $8,91,05,222 + 46,78,943$

(ii) $60 + 70 + 80 + 90 = (6 + 7 + 8 + 9) \times (\text{what number?})$
a) 40 b) 10 c) 1000 d) 10000



SECTION C

8. A bakery produces **2,456 biscuits** every day; how many biscuits will the bakery produce in a year?

SECTION D

9.



CASE STUDY

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



Delhi Public School, Gandhinagar
HALF-YEARLY REVISION (2026 -27)

Class : V

Mathematics

Date:

Time:

M. Marks:

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

CH 1: LARGE NUMBERS

SECTION A

1. **Assertion (A):** The successor of the largest 5-digit number is the smallest 6-digit number.

Reason (R): To find the successor of any natural number, we must add 1 to that number.

- a) Both (A) and (R) are true, and (R) is the correct explanation of (A) b) (A) is true, but (R) is false.
c) Both (A) and (R) are true, but (R) is not the correct explanation of (A). d) (A) is false, but (R) is true
2. The digit with the same place value and the face value in 31,59,854 is ____
a) 5 b) 3 c) 1 d) 4
3. How many times can the numeral 'X' be used in the Roman numeral for 85?
a) 1 b) 2 c) 3 4
4. What is the number name for the largest 5-digit number?
a) Ninety nine thousand nine hundred ninety nine b) Nine lakh nine hundred ninety nine
c) Nine thousand nine hundred ninety nine d) Nine hundred ninety nine

SECTION B

5. Write the numbers using the hints given below.
a. The predecessor of fifty lakh three hundred and thirty-six is _____.
b. The successor of two million forty thousand eighty-two is _____.
6. Round to the nearest 10, 100 & 1000:
a) 2499 b) 85, 645

7. If $X = 10$, $L = 50$, and $C = 100$, what is $C - L + X$, written in Roman numerals?

SECTION C

8.

Roman Treats: Ice Cream

The Sunny Day Sale



On a very hot Monday, Aurelia sold **XXXVIII** vanilla cups and **LIV** chocolate cones. What is the total number of ice creams Aurelia sold on Monday? Write your answer in Roman numerals.

CASE STUDY

The Great Car Sale Challenge

The manager of the "Zoom Zoom Car Dealership" is looking at the sales figures for the year. He wants to give a quick report to the owner. He just needs an **estimate rounded to the nearest 1,000**.



Here are the exact number of cars sold for four different models:

Car Model	Exact Number of Cars Sold
Model A (Blue Sedan)	1,245 cars
Model B (Red SUV)	2,870 cars
Model C (Green Hatchback)	1,500 cars
Model D (Silver Sports Car)	3,122 cars

- Round the sales figure for model A to the nearest 1,000.
- Based on your rounded figures, which car model sold the most? Which sold the least?
- Round the sales figure for model B to the nearest 100.

CH 3: PLAYING WITH NUMBERS

SECTION A

1. Which of these statements is true?
a) 5 has two factors 5 and 15 b) 5 is a composite number
c) 5 is the prime number d) 5 and 9 are twin prime numbers
2. **Assertion (A):** The number 7,650 is divisible by 10.
Reason (R): A number is divisible by 10 if its last digit (the ones place) is 0.
a) Both (A) and (R) are true, and (R) is the correct explanation of (A) b) (A) is true, but (R) is false.
c) Both (A) and (R) are true, but (R) is not the correct explanation of (A). d) (A) is false, but (R) is true
3. Which of the following are not multiples of 7.
a) 28 b) 18 c) 7 d) 63
4. If the HCF of two numbers is 1, then what are the two numbers known as?
a) factors b) multiples c) Co-prime numbers d) Composite
5. Which of these numbers will leave a remainder of 0 when divided by 2?
a) 93 b) 104 c) 507 d) 63

SECTION B

6. Circle the numbers that are factors of 30.
3, 4, 5, 6, 8, 12, 15, 21, 30
7. a) Write the first four multiples of 12.
b) Tick the box if the numbers are divisible by both 5 and 9.
a. 40 ☐ b. 90 ☐ c. 125 ☐

SECTION C

8. a) Draw the factor tree of 45.

b) What should be added to 3rd multiple of 16 to get 5th multiple of 18?

SECTION D

9.

CASE STUDY



Traffic Lights

Two traffic lights at a busy intersection change their signals every **40 seconds** and **60 seconds** respectively. They both change signals simultaneously at 8:00 AM.

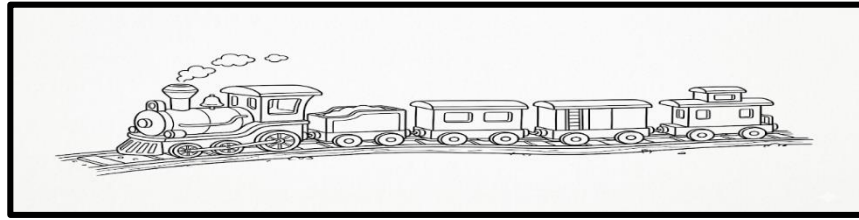
- What is the first common multiple of 40 and 60 seconds?
- At what time will they change signals together again?
- How many times will they change signals together between 8:00 AM and 8:05 AM?

CH 9: TIME AND TEMPERATURE

SECTION A

- Write the interval between 7:15 am and 8:05 am in seconds.
 - 20 min
 - 40 min
 - 45 min
 - 50 min

2. A train leaves a station at 10:30 AM and reaches its destination at 1:45 PM. How long was the journey?



- a) 3 hours 15mins b) 4 hours 15 mins c) 2 hours 45 mins d) 3 hours 45 mins

3. **Assertion (A):** 12:30 in the afternoon is written as 12:30 PM.

Reason (R): The time from 12:00 noon to 12:00 midnight is expressed using PM.

- a) Both (A) and (R) are true, and (R) is the correct explanation of (A). b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
c) (A) is true, but (R) is false. d) (A) is false, but (R) is true.
4. I left for school at 9:15 a.m. Convert the time to the 24-hour clock time.



- a) 15:15 hours b) 20:15 hours c) 09:15 hours d) 20:20 hours

SECTION B

5. Subtract the following: 7h 40 min - 5h 25min
6. Convert into seconds: 5 minutes 10 seconds

7.



Sameer reached the city library at 11:10 p.m. The bus ride to the library lasted 45 minutes. At what time did Sameer board the bus?

SECTION C
Bunny's football match

8.



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?

SECTION D

9.

CASE STUDY



Visit to Science City Museum

Rohan is a Class 5 student who is very excited to visit the Science City Museum. His school bus leaves the school gate at **08:15 AM**. The journey to the museum takes **1 hour and 45 minutes**. Upon reaching the museum, the teacher informs the students that they will spend **3 hours and 30 minutes** exploring the exhibits, including a special 45-minute 3D show about space. After the visit, they will have a **45-minute lunch break** before boarding the bus to return to school.

- a) At what time did Rohan and his classmates arrive at the Science City Museum?
- b) If the 3D space show started exactly 20 minutes after they arrived, what was the start time of the show?
- c) What was the total time spent at the museum, including the lunch break?

CH 10: MATHEMATICS IN DAILY LIFE

SECTION A

1. The selling price of a water bottle is ₹ 75 and the cost price is ₹ 55. Here, the seller has made _____ a profit of _____



- a) 20 b) 25 c) 10 d) 35
2. If 4 kg of sugar costs ₹ 160, what is the cost of 10 kg of sugar?



- a) 400 b) 200 c) 250 d) 225
3. **Assertion (A):** If a toy is bought for Rs. 200 and sold for Rs. 180, the shopkeeper has a loss of Rs. 20.

Reason (R): When the Cost Price is higher than the Selling Price, it results in a Loss, not a Profit.

- a) Both (A) and (R) are true, and (R) is the correct explanation. b) Both (A) and (R) are true, but (R) is not the correct explanation.
c) (A) is true, but (R) is false. d) (A) is false, but (R) is true.
4. You sell T-shirts. If you bought them for Rs. 100 each and sell them for Rs. 120 each, how much profit can you make if you sell 10 T-shirts?



- a) ₹ 100 b) ₹ 150 c) ₹ 200 d) ₹ 250

SECTION B

5.



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

6. (i) A loss arises when the _____ price is more than its _____ price.
- (ii) Rishika bought 4 earrings for ₹ 1000. What was the cost of 1 pair of earrings?



7. 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

- a) ₹ 7,500 profit b) ₹ 7,500 loss c) ₹ 2,500 profit d) ₹ 2,500 loss

SECTION C

Mr. ROOSTER POULTRY FARM

8.



Runny Bunny bought a dozen eggs for 168.

- a) What is the price of 3 eggs?
- b) What is the price of 15 eggs?

SECTION D

CASE STUDY The Mango Seller

9.



Ravi sells mangoes in the market. He sells 12 kg of mangoes for ₹480. One day, he bought 45 kg of mangoes from a wholesale market. He also decided to gift 3 kg of mangoes to his friend. The rest he sold at the same rate as before.

i) Find the cost of 1 kg of mangoes.

ii) Find the total cost of 45 kg of mangoes.

iii) How much money did Ravi earn from selling the mangoes after gifting 3 kg?

d) If Ravi wanted to earn ₹300 profit, at what price per kg should he have sold the mangoes?



Delhi Public School, Gandhinagar
Mock test Paper (TERM-I) (2026-27)

Class : V

Mathematics

Date:

Time: 2 hour

M. Marks:

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

General Instructions:

- (i) This Question Paper has 4 sections.
 - (ii) Section A has 12 MCQs carrying 01 mark each.
 - (iii) Section B has 9 questions carrying 02 marks each.
 - (iv) Section C has 4 questions carrying 03 marks each.
 - (v) Section D has 2 questions carrying 04 marks each.
 - (vi) All the questions are compulsory.
- Rough work, if any, to be done in the rough work column neatly.*

Section A

Choose the correct option.

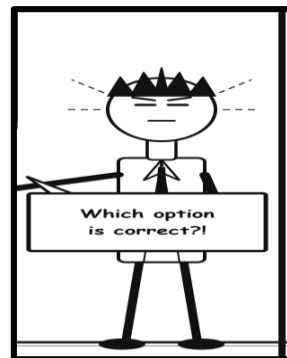
1.

Assertion - Reasoning Question

Read both statements and choose the correct option below.

ASSERTION (A):
The Roman numeral for 150 is CL,
and for 200 it is CC.

REASON (R):
In Roman numerals, C = 100 and L = 50.
Letters are added left to right.

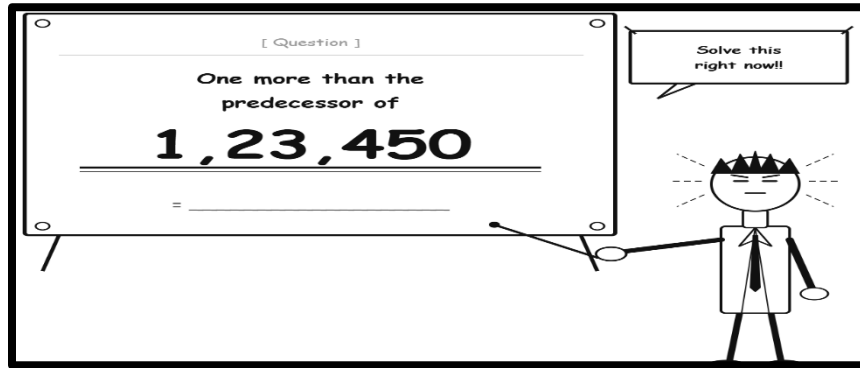


1

- a) A is true but B is false
- b) B is true but A is false
- c) A is true and B is correct explanation of A
- d) Both A and B is false

2. One more than the predecessor of 1,23,450 is _____

1



- a) 1,23,451 b) 1,23,450 c) 1,23,452 d) 1,23,499
3. The successor of forty lakh four hundred and thirty-six is _____. 1
- a) 40,00,437 b) 4,00,437 c) 4,53,562 d) 4,53,569
4. Which digit appears in the tens place of the second largest 5-digit number formed using 1, 5, and 7, where each digit is used at least once? 1
- a) 1 b) 5 c) 7 d) 0
5. Which of these numbers is divisible by 5? 1
- a) 43456 b) 3466 c) 13455 d) 34562
6. There are 24 soldiers in an army. A commando wants to arrange them in rows and columns such that: • Each row has the same number of soldiers across all the rows • Each column has the same number of soldiers across all the columns • Several rows and columns are formed. In how many different ways can this arrangement be done? Note: Number of rows and columns are not same. 1



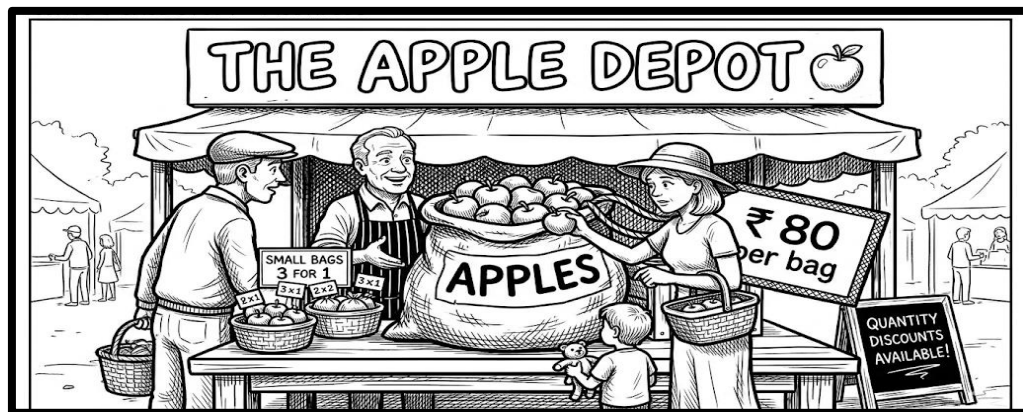
- a) 6 b) 4 c) 3 d) 8

7. Tom started playing cricket with his friends at 10:15 AM. They played for 1 hour and 15 minutes before stopping for lunch, which they completed by 12:30 PM. How long did their lunch take? 1



- a) 45 minutes b) 60 minutes c) 75 minutes d) 90 minutes
8. How many days are there altogether in the months of **April, June, September, and November** combined? 1
- a) 120 days b) 122 days c) 121 days d) 123 days
9. 3 weeks 3 days = _____ days 1
- a) 17 days b) 18 days c) 19 days d) 24 days
10. BD, FH, JL, NP _____ . 1
- a) QR b) PQ c) RT d) ST

11. 1

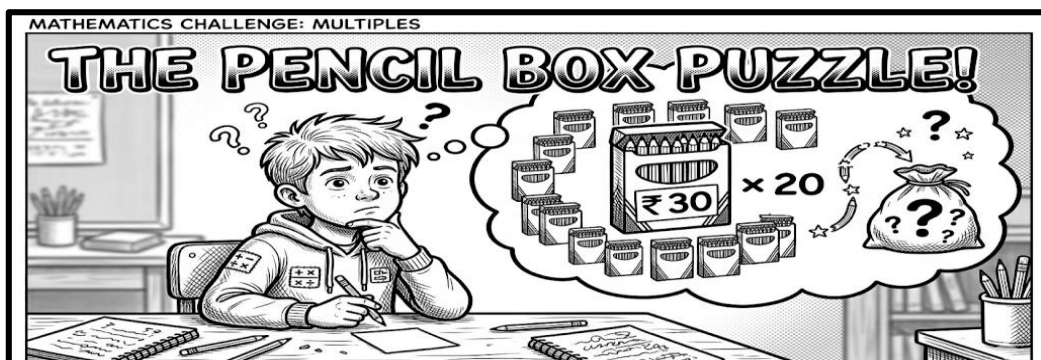


A vendor buys a bag of apples for ₹ 80. Due to some apples are not of good quality he has to sell them at a loss of ₹15. What is the Selling Price?

- a) ₹ 75 b) ₹ 65 c) ₹ 55 d) ₹ 60

12.

1



If one box of pencils costs ₹ 30. What is the cost of 20 boxes?

- a) ₹ 4,000 b) ₹ 400 c) ₹ 40 d) ₹ 600

Section B

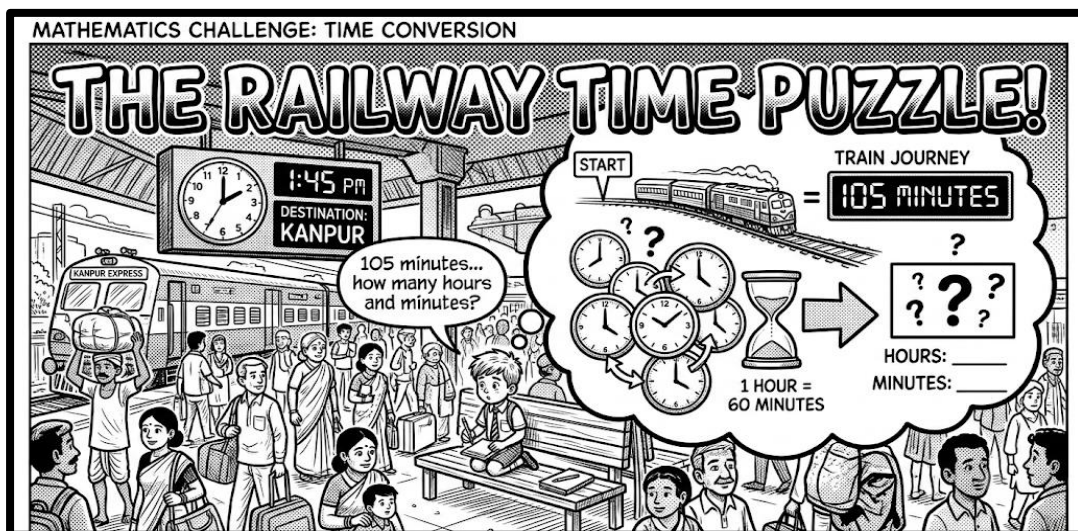
Section B consists of 9 questions of 2 marks each.

13. Find the LCM of 14 and 18 by prime factorization method.

2

14.

2



If a train takes 105 minutes to reach its destination, how many hours and minutes is that?

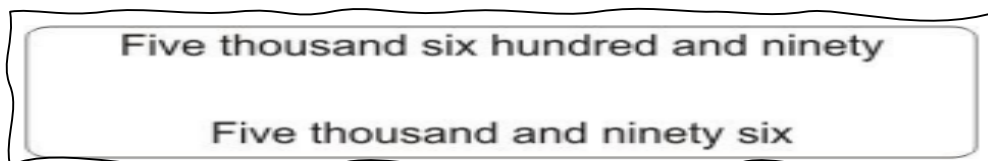
15.

2



Find the cost price if selling price is ₹ 479 and profit is ₹ 50.

16. Which of the following numbers is between the two numbers given in the box? 2



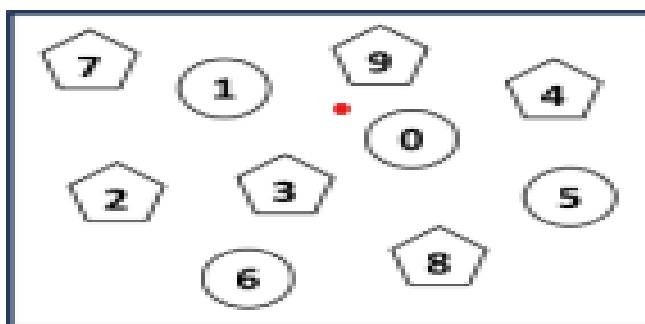
a) 5906

b) 5069

c) 5960

d) 5609

17. Using the instructions given below, form two numbers. Instruction 2
- 1: Form the largest 5-digit number using the digits in the 5-sided figures, without repeating any digit.
- 2: Form the smallest 3-digit number using the digits in the circles, without repeating any digit. What is the sum of the two numbers formed?



a) 99,394

b) 93,394

c) 98,743

d) 98,848

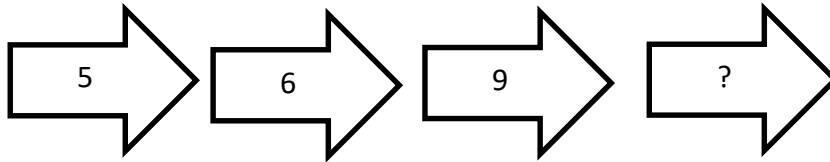
18. 24 can be expressed as the product of two numbers in 4 different ways: 24×1 , 12×2 , 8×3 and 4×6 . In how many different ways can 42 be expressed as a product of two numbers? 2

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

19. 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? 2

a) 1:37 pm b) 1:47 pm c) 3:47 pm d) 3:47 am

20. 2



a) 21 b) 23 c) 27 d) 14

21. 101, 202, 404, _____ 2

a) 404 b) 202 c) 808 d) 909

Section C

Section C consists of 4 questions 3 marks each.

22. A family is taking a road trip to the mountains. Their car travels a distance of **360 kilometres in 6 hours** at a steady speed without stopping. 3



i) What distance does the car travel in 1 hour?

ii) If the family drives at the exact same speed, how far will they travel in 9 hours?

iii) How many hours will it take the car to cover a total distance of 720 kilometres?

23. (i) Find the first 2 common multiples of 9 and 18. 3

(ii) Draw the factor tree of 25.

24. (i) At what time given below do the minute and hour hands of a clock make a straight angle? 3

(a) 12 O'clock (b) 6 O'clock (c) 5 O'clock (d) 3 O'clock

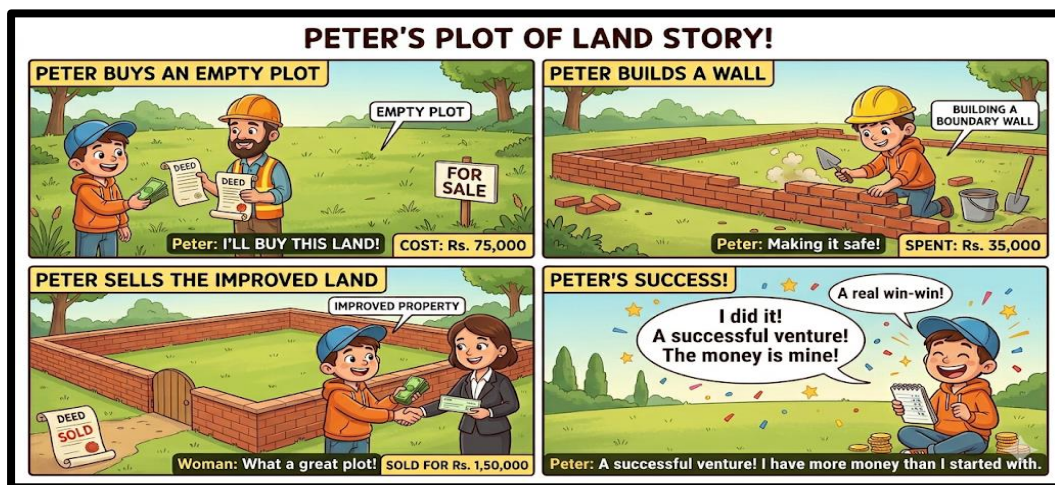
(ii) If an alarm clock is set to ring every three hours, how many times will it ring between 8 AM and 4 PM, if it rings for the first time at 9 AM?

(iii) As shown in the image, A and B are racing towards the End box. A takes 5 seconds to move from one box to the next. B takes 4 seconds to move from one box to the next. How many seconds after B will A reach the End box?



25.

3



Peter bought a plot of land for ₹ 75,000. He spent ₹ 35,000 on a building a boundary wall around the plot. He then sold the land for ₹ 1,50,000. Find his profit.

Section D

27. i) The following newspapers are circulated in a city.

4

Name of the newspaper	Number of copies
Amar Ujala	71,809
Dainik Savera	49,068
The Tribune	1,56,007
Hindustan Times	1,34,503

- Arrange the numbers in Descending order.
- What is the sum place value and face value 5 in the newspaper copies of Tribune?
- Write the number name of Amar Ujala news paper?
- What is the successor of 1,34,503?

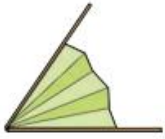
ii)

CLASS 5 CASE STUDY = MULTIPLES

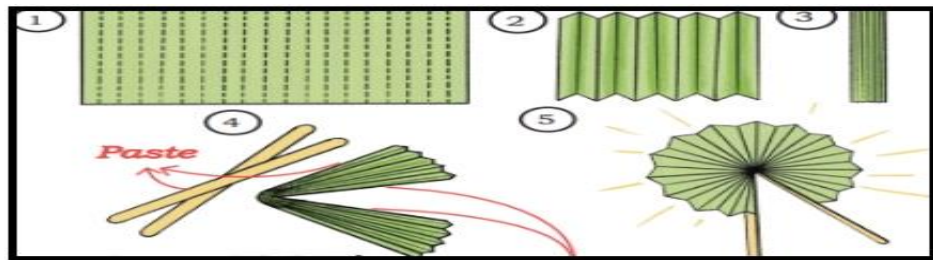
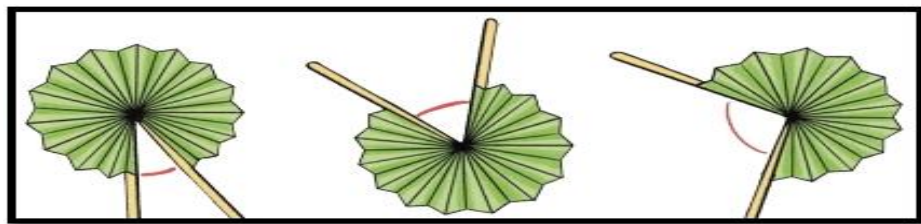


- a) Alex wants to go on the "Merry-Go-Round of 4s". The operator only lets in groups of children in multiples of 4. Can Alex go alone?
- b) At the "Balloon Darts", every balloon has a number. Ben pops a balloon with the number 30. Which numbers are common multiples of both 5 and 6?
- c) In "The Ring Toss", every third prize you win is a free toy. What are the first three numbers of prizes that qualify as multiples of 3 for a free toy?
- d) "Cotton Candy Stand" gives a special discount on every multiple of 7 purchase. What is the 5^{th} multiple of 7?

SEA-1: Fan Activity for Angles

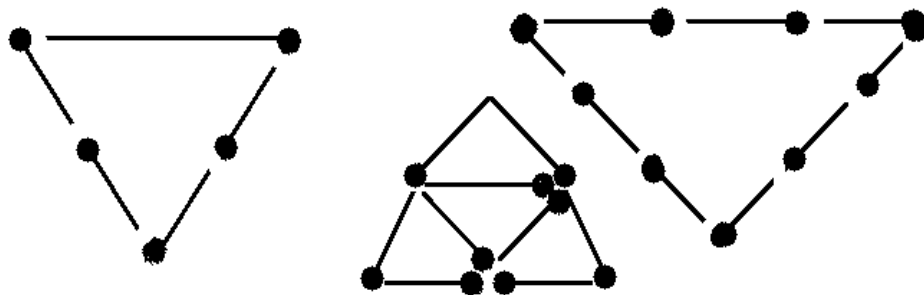
Full turn	$\frac{1}{2}$ turn (straight angle)	$\frac{1}{4}$ turn (right angle)	Less than a $\frac{1}{4}$ turn (acute angle)	Between a $\frac{1}{4}$ and $\frac{1}{2}$ turn (obtuse angle)
				

Making a paper fan. Take a rectangular paper, fold every 2 cm as shown in the picture. Paste ice cream sticks as shown below to create a paper fan. Use your paper fan to show different acute angles obtuse angles and straight angle.



AIL 1: Types of Triangles using Matchsticks

To construct triangles using match sticks. Some are shown here.



CBE WORKSHEET

- 1) When the hour hand and minute hand of a clock show 3:00, what angle do they form? _____

- 2) Which angle measures exactly 180° ? _____

- 3) If a minute hand moves from 12 to 3, what fraction of a full turn has it made? _____

- 4) Half of a straight angle is _____

- 5) An angle measures 35° . If its measure is doubled, what type of angle does it become? _____

- 6) What is the 4th multiple of 6? _____

- 7) The LCM of 3 and 5 is _____.

- 8) If the HCF of two numbers is 1, then what are the two numbers known as? _____

- 9) What should be added to 3rd multiple of 6 to get 5th multiple of 7 ? _____

- 10) What is the smallest common multiple of 2 and 5? _____

$$4 + 6 = 10$$



Think
Solve
Grow

5
CLASS

Numbers
are fun!

T	Th	H	T	O
2	3	4	5	6



$$\begin{array}{r} 328 \\ \times 27 \\ \hline 2296 \\ 6560 \\ \hline 8856 \end{array}$$



My Buddy

Academic Session: **2026-27**

Name: _____

Admission No.: _____

Class and Section: _____



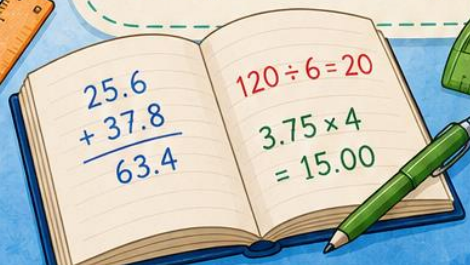
Term-2

Chapters:

- ★ Chapter 4: Fractions
- ★ Chapter 7: Patterns and Symmetry
- ★ Chapter 5: Decimals
- ★ Chapter 8: Measurements
- ★ Chapter 11: Mensuration
- ★ Chapter 12: Data Handling



$$V = \pi r^2 h$$





Delhi Public School, Gandhinagar
P.T –II Revision Paper (2026-27)

Class : V

Mathematics

Date:

Time:

M. Marks:

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

General Instructions:

- (i) There are 3 Sections in this paper.
- (ii) All the questions are compulsory.
- (iii) Answer the questions as per the instructions.

CHAPTER-4 FRACTIONS

SECTION A

Choose the correct option.

1. Sunita divided one pizza equally among 8 children. Each child got
 - a) $\frac{1}{2}$
 - b) $\frac{1}{4}$
 - c) $\frac{1}{8}$
 - d) $\frac{1}{6}$
2. Which fraction represents the shaded part?
☐ ☒ ☒ ☒
 - a) $\frac{1}{4}$
 - b) $\frac{3}{4}$
 - c) $\frac{4}{3}$
 - d) $\frac{2}{4}$
3. Which fraction is the greatest?
 - a) $\frac{1}{3}$
 - b) $\frac{2}{3}$
 - c) $\frac{3}{6}$
 - d) $\frac{4}{9}$
4. **Assertion (A):**
Fractions having the same denominator can be compared by comparing their numerators.
Reason (R):
The denominator tells into how many equal parts the whole is divided.
 - a) Both A and R are true, and R is the correct explanation of A.
 - b) Both A and R are true, but R is not the correct explanation of A.
 - c) A is true but R is false.
 - d) A is false but R is true

SECTION B

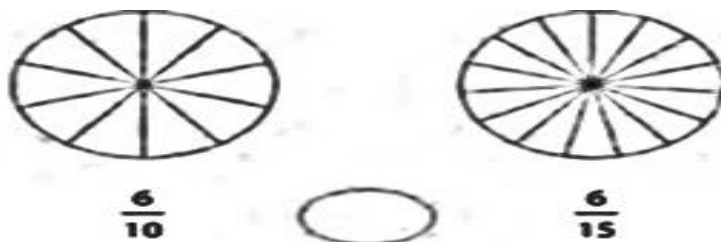
Do as directed

5. Fill in the blanks:

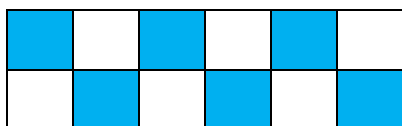
i) $5 \times$ reciprocal of $\frac{8}{5} = \underline{\hspace{2cm}}$

ii) When any number is multiplied by its 1, the product is $\underline{\hspace{2cm}}$.

6. Shade the given fractions and compare them using the $>$, $<$ or $=$ signs.



7. Write the fraction for the shaded portion of the figure given below and then reduce it to the lowest form.



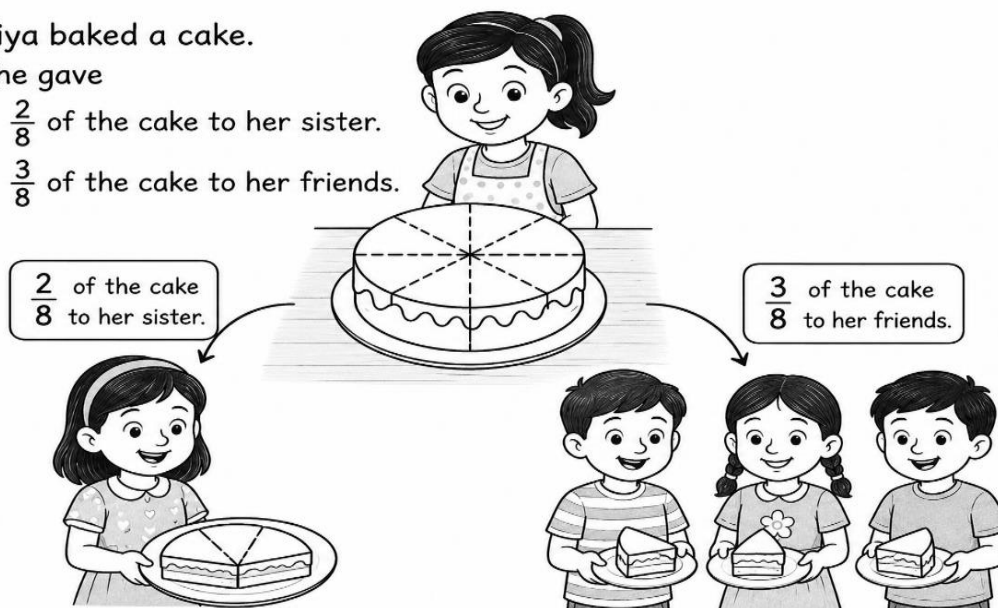
Ans

SECTION C

8. Riya baked a cake.

She gave

- $\frac{2}{8}$ of the cake to her sister.
- $\frac{3}{8}$ of the cake to her friends.



Answer the following questions:

i) What fraction of the cake was distributed?

Ans:_____.

ii) What fraction of the cake is left?

Ans:_____.

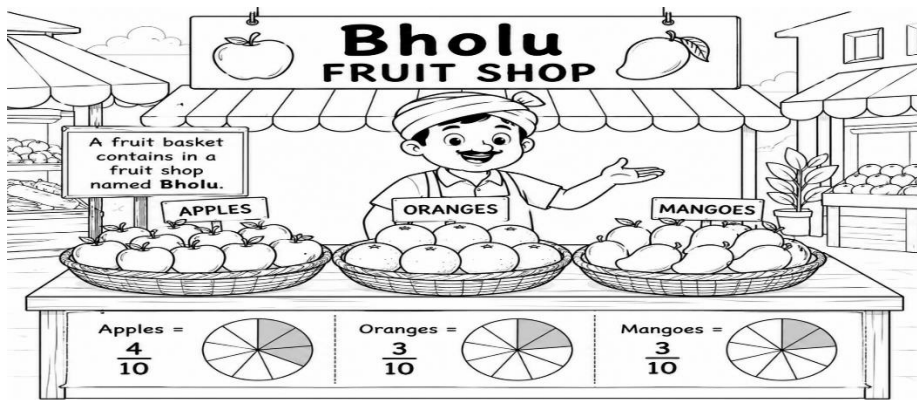
iii) Is more cake distributed or left?

Ans:_____.

SECTION D

Case based

9. A fruit shop contains different fruits as shown below.



Meena buys fruits as

- Apples = $\frac{4}{10}$
- Oranges = $\frac{3}{10}$
- Mangoes = $\frac{3}{10}$

Answer the following:

a) How many apples and oranges did Meena buy in all?

Ans:_____.

b) What fraction of the fruits are oranges and mangoes together?

Ans:_____.

c) Which fruits are more—apples or mangoes?

Ans:_____.

d) Do all the fractions together make one whole?

Ans:_____.

CHAPTER 7: PATTERNS AND SYMMETRY

SECTION: A

1. Which pattern comes next?

★ ▲ ★ ▲ ★ _____

- a) ◆ b) ★ c) ▲ d) □
2. Which of the following objects has rotational symmetry?
- a) Ceiling Fan b) Eraser c) Pencil d) Scale
3. Which alphabet has exactly one line of symmetry?
- a) B b) H c) F d) G

4. **Assertion (A):**

A square has 4 lines of symmetry.

Reason (R):

A square can be folded along four different lines so that both halves match exactly.

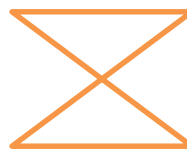
- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

SECTION:B

5. Draw $\frac{1}{4}$ turn of the following in a clockwise direction.



b)



a)

b)

6. Complete the following pattern.



7. i) What type of symmetry does the Ashoka Chakra in the Indian flag have?

a) Line Symmetry

b) Rotational Symmetry

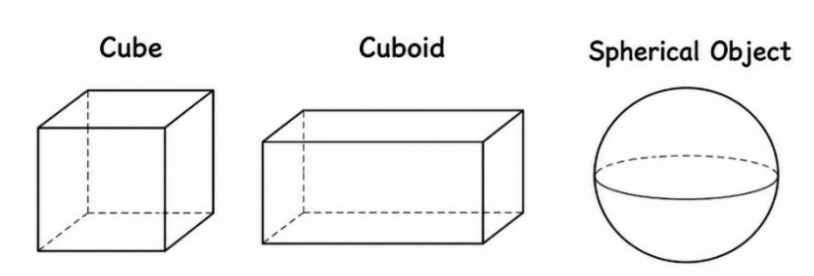
c) Both a and b

d) None of these

ii) Draw dots to represent the 6th triangular number.

SECTION:C

8. Observe the shapes below and answer the following.



i) Which shape has the greatest number of lines of symmetry?

Ans:_____

ii) Which shape has exactly two lines of symmetry?

Ans:_____.

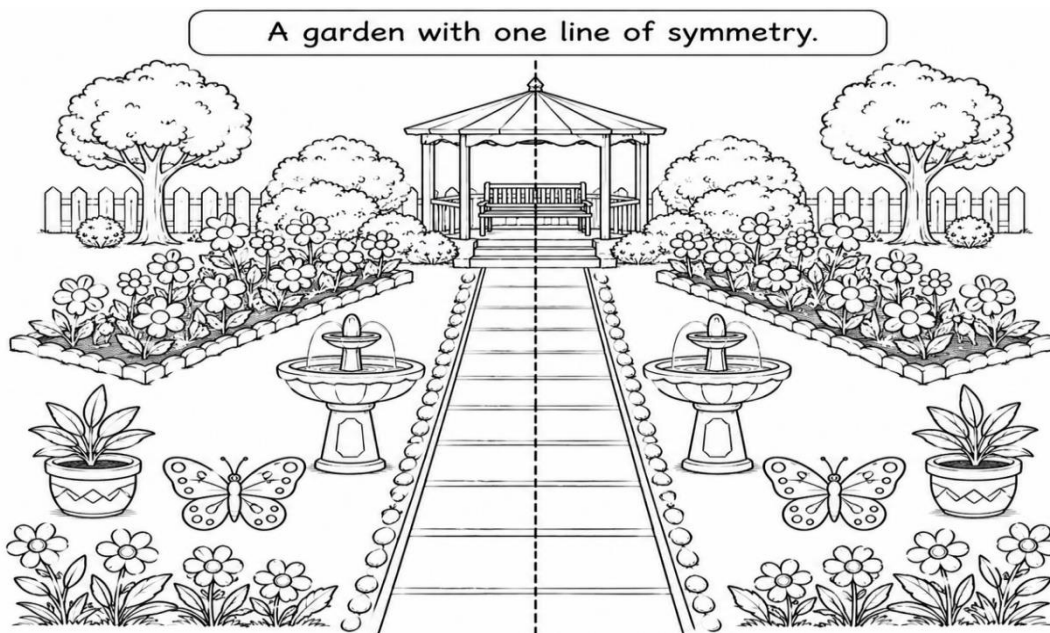
iii) Which shape has four lines of symmetry?

Ans:_____.

SECTION:D

9. Case study

A garden with symmetrical flower beds on both sides of a walking path.



Answer the following.

i) Draw the line of symmetry in the given figure with the Red colour pencil.

ii) Which side is the mirror image? Ans: _____.

iii) Name two more object in the garden that have symmetry.

Ans : _____

iv) Do symmetrical gardens look attractive? (YES / NO)



Delhi Public School, Gandhinagar
ANNUAL REVISION (2026 -27)

Class : V

Mathematics

Date:

Time:

M. Marks:

Name:_____ Sec:_____ Roll
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CHAPTER : 4 FRACTIONS

SECTION A

1. What is the value of $\frac{3}{4} \div \frac{4}{3}$?
a) $\frac{3}{4}$ b) 1 c) $\frac{9}{16}$ d) 4
2. What is the lowest term of $\frac{14}{21}$?
a) $\frac{5}{4}$ b) $\frac{3}{4}$ c) $\frac{2}{3}$ d) $\frac{3}{2}$
3. To find the lowest form we must _____ the given number.
a) divide b) multiply c) add d) subtract
4. Assertion (A): $\frac{4}{6}$ and $\frac{2}{3}$ are equivalent fractions.
Reason ®: Dividing the numerator and denominator of a fraction by the same non-zero number gives an equivalent fraction.

a) Both A and R are true, and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

SECTION B

- 5 Find :
- i) $5\frac{1}{4} - 2\frac{3}{8}$ ii) $\frac{1}{3} \div 4$

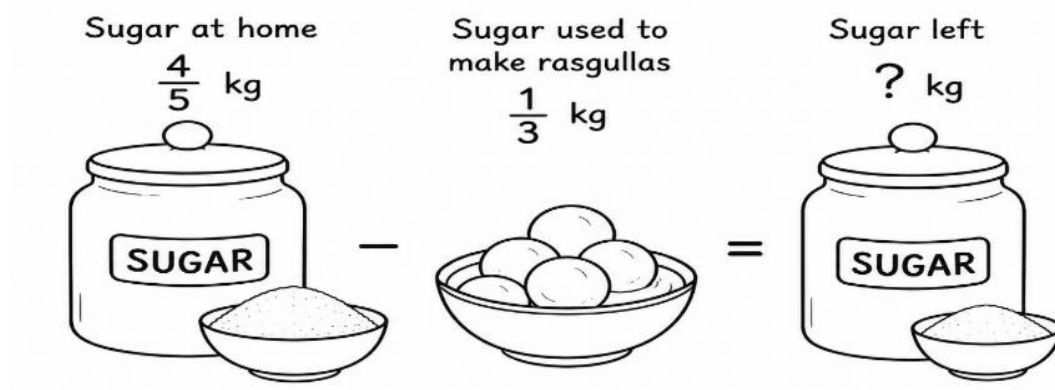
6. Find next two equivalent fractions of following. Use multiplication or division method.

i) $\frac{9}{18}$

ii) $\frac{6}{7}$

SECTION C

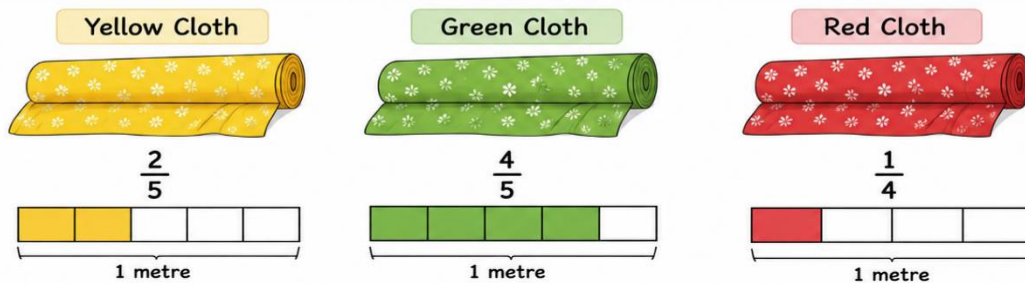
7. Radha wants to make rasgullas at home .She had $\frac{4}{5}$ kg sugar at home. $\frac{1}{3}$ kg sugar was used to make rasgullas. How much sugar is left?



Solution:

8.

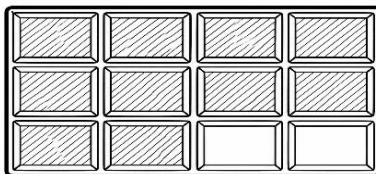
Reena bought $\frac{2}{5}$ of a metre of yellow cloth,
 $\frac{4}{5}$ of a metre of green cloth and $\frac{1}{4}$ of a metre of red cloth.
 How much cloth she buy in all?



Solution:

SECTION D:

9. A chocolate bar divided into 12 equal pieces. Eight pieces are eaten by Roshan.



Answer the following:

- i) Write the shaded fraction.? Ans : _____
 - ii) Write the unshaded fraction? Ans : _____..
 - iii) Are the shaded and unshaded fractions equivalent?(YES / NO)
 - iv) If 2 more pieces are shaded, what fraction will be shaded now?
- Ans : _____.

Chapter 5: DECIMALS

SECTION A

1. Which decimal represents 5 tenths?
a) 5.0 b) 0.5 c) 0.05 d) 50.0
2. Which is greater?
a) 0.8 b) 0.6 c) Equal d) Cannot say
3. 1 whole = how many tenths?
_____ a) 100 b) 10 c) 1 d) 5
4. Assertion (A): 3.45 is greater than 3.405.
Reason (R): Trailing zeros do not change the value of a decimal number.

a) Both A and R are true, and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

SECTION B

5. Look at the figure and answer the questions



- i) Express in the decimal form.

Ans: _____.

- ii) Write in the fractional form.

Ans: _____.

6. Subtract 2.1 from 85.66

7. Find:

i) $0.12 \times 1000 =$ _____.

ii) $75.2 \div 4 =$ _____.

SECTION:C

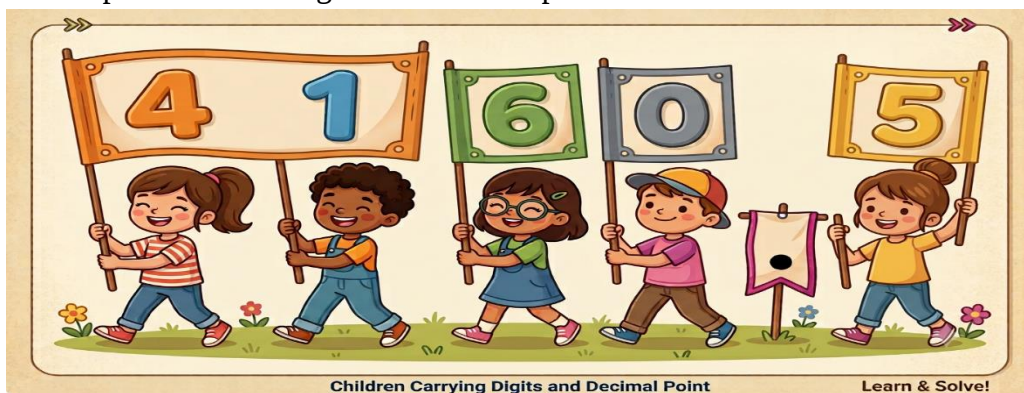
8. How much money is left out of 20 rupees note if I paid ₹10.25 for potatoes and 7.50 for chillies?

Ans:

SECTION D

9. **Case based.**

Use the clues below to write the decimal number. Be sure to put the decimal point in the correct place. Use the digits shown in the picture.



- i) The digit in the ones place is 1 less than the digit in the tenths place.
ii) 6 in the hundredths place.
iii) The digit in the tens place is less than the digit in the thousandths place.

Ans: The number is: _____

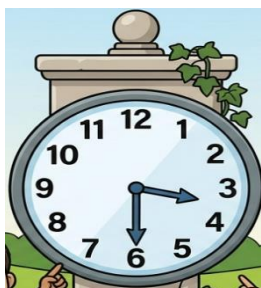
CHAPTER 8: MEASUREMENTS

SECTION: A

1. $1000 \text{ ml} + 25\text{L} = \underline{\hspace{2cm}}$
a) 25000L b) 1025L c) 26L d) 260 ml
2. A container holds 3.5 litres of water. How many millilitres is this?
a) 35 mL b) 350 mL c) 3,500 mL d) 35,000 mL
3. Rohan needs to measure the weight of a heavy sack of rice. Which unit is most appropriate?
a) Milligrams b) Grams c) Kilograms d) Kilolitres
4. Assertion (A): $2.5 \text{ km} = 2500 \text{ m}$.
Reason (R): 1 kilometre = 1000 metres.
a) Both A and R are true, and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

SECTION: B

5. Observe the clock and answer the questions.



- i) What time will it be after 2 hours?

Ans: _____.

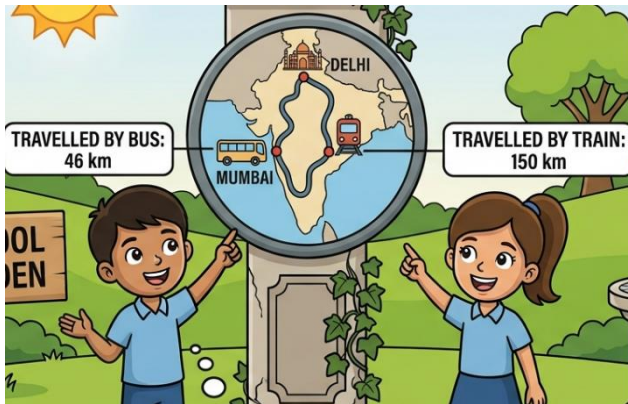
- ii) How many minutes are left to become 4:00 in the clock?

Ans: _____.

6. Add: 4 kg 250 g + 5 kg 150 g

Ans:

7. Rohit travelled from Delhi to Mumbai by bus and train. He travelled 46 km by bus and 150 km by train. What is the total distance travelled by him?



Solution:

SECTION C

8. One third of a chocolate bar weighs 30 g. How much will the whole chocolate weigh?



Ans

SECTION D

9. Case study

Sunita owns a small bakery.
She baked cakes for the school fair.
She used **2 kg flour**, **750 g sugar**, and **500 g butter**.
She had **5 kg flour** in the beginning.
After baking, she checked the remaining flour.
The cakes smelled delicious.
Many children came to buy them.
Sunita weighed every ingredient carefully.
Her bakery became very popular.
She planned to bake more cakes next week.

Read the passage carefully and answer the following questions.

1. How much flour is left?

Ans:_____.

2. Convert **750 g** into kilograms.

Ans:_____.

3. What is the total mass of sugar and butter used?

Ans:_____.

4. If Sunita bakes another cake using **1 kg flour**, how much flour will remain?

Ans:_____.

CHAPTER 11: MENSURATION

SECTION A

Choose the correct option.

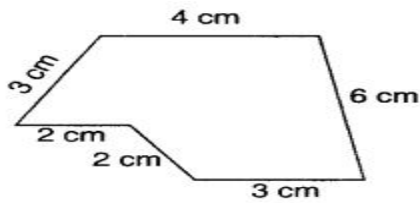
1. Perimeter means

- a) area inside b) boundary length c) volume d) height

2. Find the area of a square, if length of one side of a square is 10 cm.

- a) 100sq. cm b) 40 sq. cm c) 80sq. cm d) 60 sq. cm

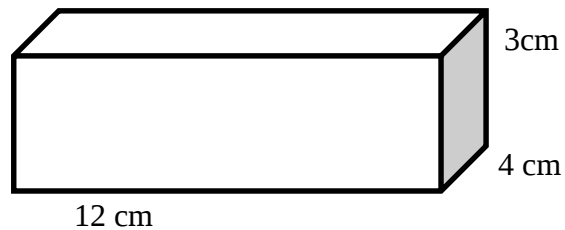
3. The perimeter of the figure is_____



- a) 16 cm b) 18 cm c) 20 cm d) 50 cm
4. Assertion (A): The area of a rectangle of length 8 cm and breadth 5 cm is 40 cm².
Reason (R): Area of a rectangle = Length × Breadth.
- a) Both A and R are true, and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

SECTION B

5. Find the volume of the given figure in cubic inches:



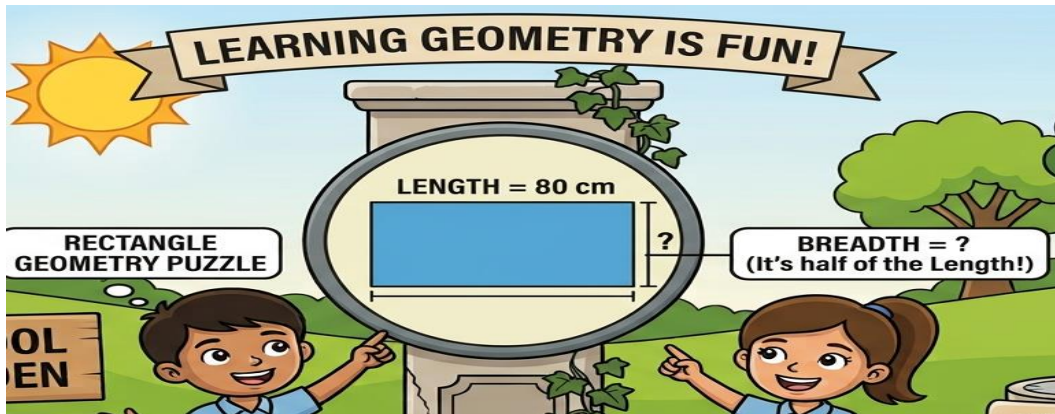
6. The perimeter of a square is 81 cm. Find the length of the sides of the square.

7. Find the difference in the volume of a cube of side 8 cm and of a cuboid of length 10 cm, breadth 3 cm and height 6 cm.

SECTION C

8. Calculate the perimeter of rectangle using the given data.

Ans:



Solution:

SECTION D

9. Case based

The students of Green Valley School wanted to grow vegetables in their school garden. Their teacher asked them to measure the garden before planting. The garden was **12 metres long** and **8 metres wide**. The students planned to put a fence around the garden. They also wanted to know how much land was available for planting. Everyone helped in measuring the sides carefully. The gardening club planted tomatoes, carrots, and spinach. The fence kept animals away from the plants. Soon the garden became green and beautiful. The students proudly harvested fresh vegetables.

Read the passage carefully and answer the following questions.

i) What is the perimeter of the garden?

Ans:_____.

ii) What is the area of the garden?

Ans:_____.

iii) If fencing costs ₹150 per metre, what will be the total cost of fencing?

Ans:_____.

iv) If each square metre can grow **4 plants**, how many plants can be grown in the whole garden?

Ans:_____.

Chapter 12-DATA HANDLING

SECTION A

Choose the correct option.

1. How many tally marks can form one group?

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

2. A pie chart is also known as _____ chart.

- a) circle b) line c) bar d) pictograph

3. Data can be shown in:

a) Table

b) Graph

c) Pictograph

d) All

4. **Assertion(A) : A pie chart shows how a whole is divided into different parts.**

Reason (R): Each sector of a pie chart represents a part of a total.

a) Both A and R are true, and R is the correct explanation of A.

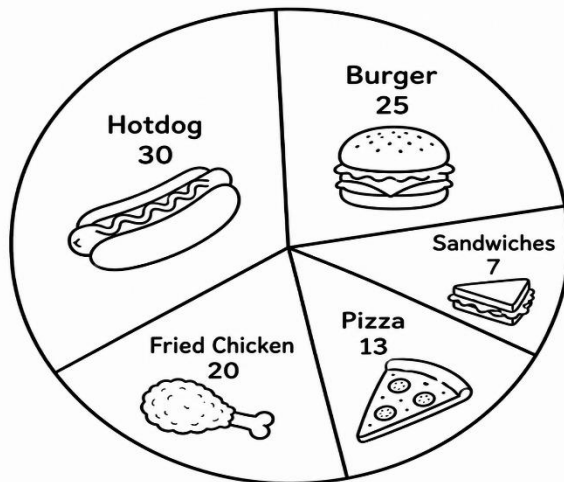
b) Both A and R are true, but R is not the correct explanation of A.

c) A is true but R is false.

d) A is false but R is true.

SECTION B

5 Rock Restaurant surveyed a sample of customers on their favorite food. They made a pie graph with the survey results. Read the pie graph and answer the questions.



i) Which is the least favourite food among the customers?

Ans:_____.

ii) How many customers like Hot dog?

Ans:_____.

iii) Which food items together makes te same number as chicken?

Ans:_____.

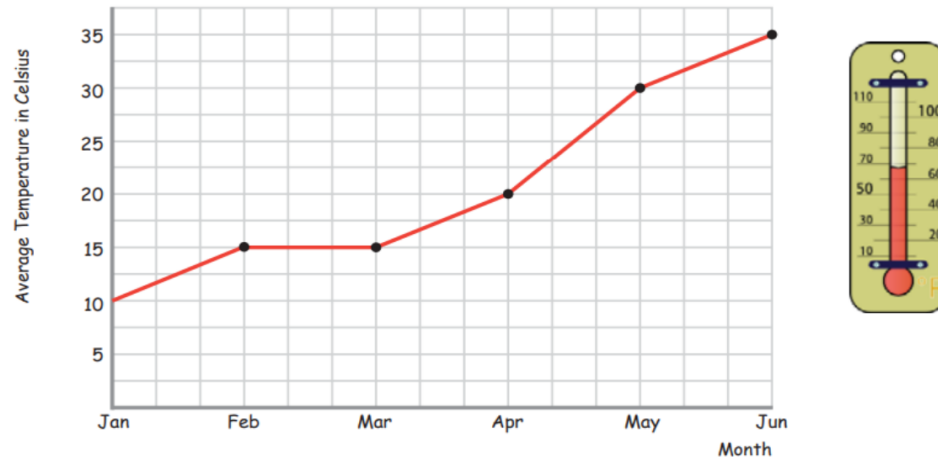
iv) How many customers voted for burger as their favourite food?

Ans:_____.

v) How many customers participated in the survey?

Ans:_____.

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



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

i) In which month was the average temperature 20 degrees Celsius?

Ans:_____.

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

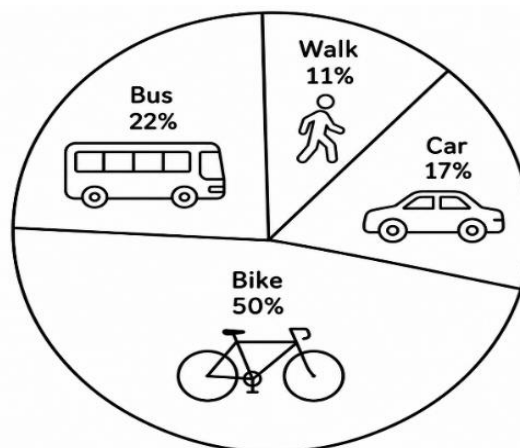
Ans:_____.

iii) In which month was the average temperature higher than 30 degrees?

Ans:_____.

SECTION:C

7. The pie chart shows mode of transport used by the students for going school. Read the pie chart carefully and answer the following questions.



i) Which mode of transport is used by the least number of students?

Ans:_____.

ii) Which mode of transport is used by the most number of students?

Ans:_____.

iii) Find the total % of students using bus and car as mode of transport.

Ans:_____.

SECTION D

9. Case based

The table given below gives details of the length of some major rivers of India.

Name of River	Length
Godavari	1465 km
Ganga	2526 km
Krishna	1400 km
Yamuna	1376 km
Narmada	1312 km

i) Write the names of the rivers in the order of their length (from the shortest to the longest).

Ans:_____.

ii) The longest river in the world is Nile - 6650 km.

- How much shorter is the Ganga than the Nile?
- How much shorter is the Godavari than the Nile?

iii) The length of some Bridges on the rivers is given here under. Express it in km, m and cm.

- Prakasham barrage 1223 m = _____ km _____ m
- Dhavaleshwaram Barrage 2701 m = _____ km _____ m



Delhi Public School, Gandhinagar
ANNUAL MOCK PAPER (TERM-II) (2026-27)

Class : V

Mathematics

Date:

Time: 2 hours

M. Marks:

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

General Instructions:

- (i) This Question Paper has 4 sections.
 - (ii) Section A has 12 MCQs carrying 01 mark each.
 - (iii) Section B has 9 questions carrying 02 marks each.
 - (iv) Section C has 4 questions carrying 03 marks each.
 - (v) Section D has 2 questions carrying 04 marks each.
 - (vi) All the questions are compulsory.
- Rough work, if any, to be done in the rough work column neatly.*

SECTION A

Choose the correct option.

12×1=12

1. Reciprocal of $\frac{6}{7}$ is _____.
a) $\frac{6}{7}$ b) $\frac{7}{6}$ c) both are correct d) both are wrong
2. What is $\frac{1}{3} + \frac{1}{3}$?
a) $\frac{3}{3}$ b) $\frac{2}{3}$ c) $\frac{6}{3}$ d) $\frac{4}{6}$
3. $\frac{234}{100}$ can be written as _____.
a) 21.4 b) 234 c) 2.34 d) 23.4
4. $6.2 + 1.8 =$ _____.
a) 8 b) 6 c) 9 d) 5
5. Which decimal shows seventy-five paise?
a) ₹0.75 b) ₹7.5 c) ₹0.07 d) ₹7.50

6. A ribbon is 3.6 m long. If 1.2 m is cut off, how much ribbon is left?
a) 2.4 m b) 2.6 m c) 3.4 m d) 4.3
7. Which of the following is equal to 1.5 litres?
a) 150 ml b) 1500 ml c) 15 m d) 1500m
8. What is $2.75 \text{ m} + 1.25 \text{ m}$?
a) 4.00 m b) 3.50 m c) 5.00 m d) 4.50m
9. $8.123 = 8 \text{ ones} + 123$ _____
a) tenths b) hundredths c) thousandths d) none of these
10. The volume of a cube of each side length 10 cm _____.
a) 100 cubic cm b) 1000 cubic cm c) 10 cubic cm d) 10,000 cubic cm
11. What is the perimeter of a square with side 9 cm.
a) 36 cm b) 91 cm c) 90 cm d) 92 cm
12. **Assertion (A):** The perimeter of a rectangle is found by adding all its sides.
Reason (R): Perimeter means the total distance around a closed shape.

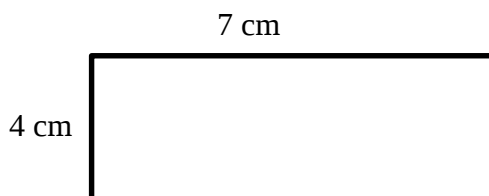
a) Both A and R are true, and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true, but R is false.
d) A is false, but R is true.

SECTION B

Do as directed.

$9 \times 2 = 18$

13. A chocolate cake is cut into 12 equal pieces. Mr. John eats 7 pieces. What fraction of cake is left with Mr. John?
14. Calculate the following:
 0.25×5.1
15. Let us think and tick the correct option.
i) Capacity of water bottle- (1 litre/10 ml)
ii) Weight of tiffin box- (500g/500kg)
16. Calculate the area occupied by the given rectangle.



17. Ravi purchased 3 items from shambhu's stationery shop. He paid ₹500 to the shop- keeper. Find the total amount to be paid and received back as change.

**SHAMBHU STATIONERY SHOP**

Main Road, Hapur – 245101
Phone: 9876543210

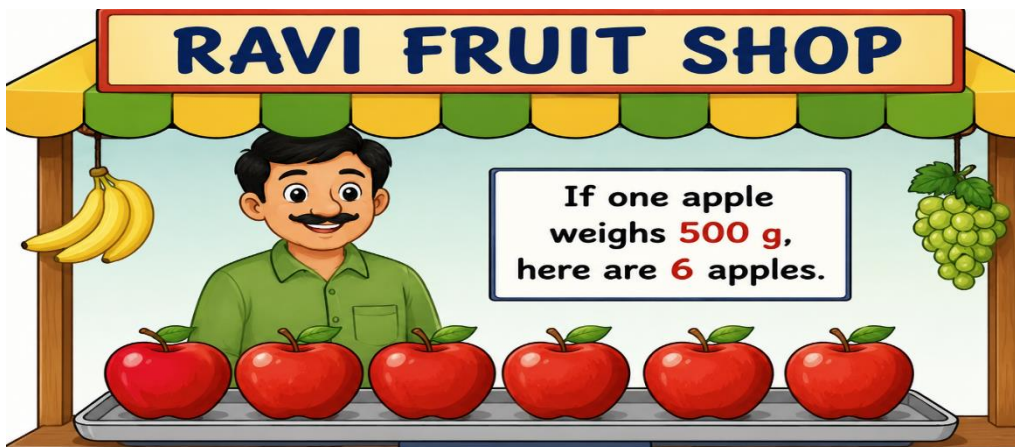
BILL

Bill No. : 1456
Date : 20-05-2025

Thank you for shopping with us!
Visit Again 

Shopkeeper's Signature _____

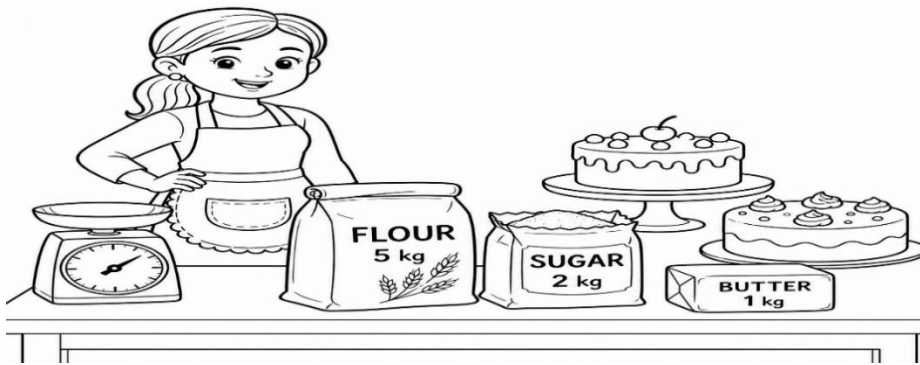
18. If one apple weighs 750 g, What is the total weight altogether, if all the apples are purchased by one customer?



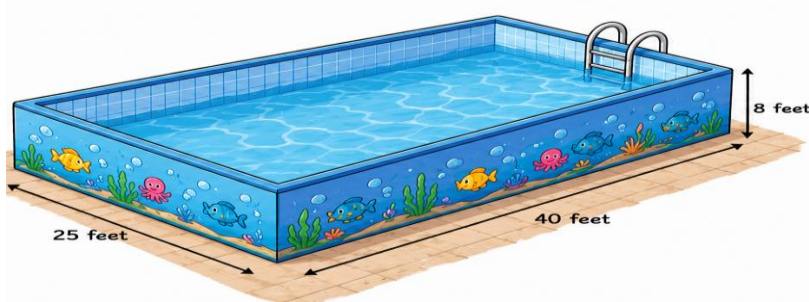
19. Observe the amount of water filled in the bottles shown below .Find the difference between the greatest and least quantity?



20. Rital is baking 2 cakes as shown in Picture. She has used the total ingredients shown in the image. Calculate the weight of the each cake baked by her.



21. Look at the picture given below and calculate the capacity of swimming pool.



SECTION C

Solve the following.

$$4 \times 3 = 12$$

22. i) Convert the fraction $\frac{2}{5}$ in the decimal form.
ii) Compare: $\frac{3}{11}$ ——— $\frac{1}{6}$
23. i). Arrange the following in ascending order .
0.66 , 0.06 , 6.06 , 6.00
ii) What is the place value of 8 in 254,78.

24.

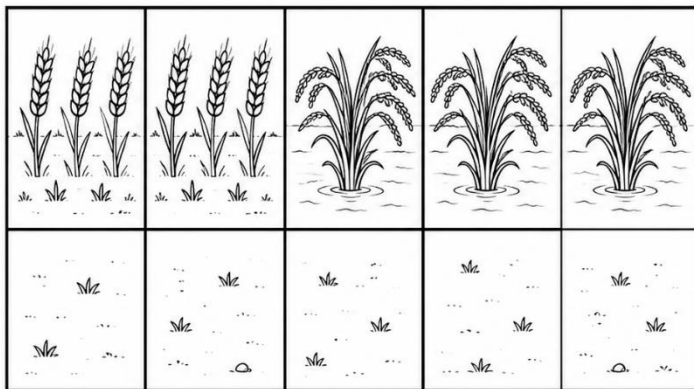
Find the difference in the volume of a cube of side 6 cm and of a cuboid of length 10 cm, breadth 3 cm and height 6 cm.

Cube (side = 6 cm)

Cuboid ($l = 10$ cm, $b = 3$ cm, $h = 6$ cm)

Find the difference in the volumes.

25. A farmer divided his land into 6 equal parts.
He used 2 parts for wheat and 3 parts for rice.



- a) What fraction of land is used for wheat?
- b) What fraction is used for rice?
- c) How much land is used in total?
- d) How much land is left?

SECTION D

26. **Case study**

2×4=8

- A. On Sunday, Riya decided to bake a delicious chocolate cake for her family. She carefully baked the cake and decorated it with cream and cherries. After the cake was ready, she cut it into **8 equal pieces**. Soon, her three friends came to visit her at home. Riya happily shared **3 pieces** of cake with her friends. After serving them, she felt hungry and ate **2 pieces** herself. The remaining cake was kept on the table for her family members. Riya started thinking about how much cake was left. She wanted to know what fraction she had given away and eaten. She also wondered if the remaining cake was more than $\frac{1}{4}$ of the whole cake. Can you help Riya find the answers?

Answer the following:

- What fraction of the cake was given to friends?
- What fraction did Riya eat?
- What fraction of the cake is left?
- Is the remaining fraction greater than $\frac{1}{4}$?

B**Designing the School Garden**

The student council is designing a tile walkway for the school garden. They decide to use alternating square tiles of Green (G) and Yellow (Y). The first row follows the pattern: G, Y, G, Y, G, Y. The second row shifts the pattern to start with Yellow: Y, G, Y, G, Y, G. and so on. The length of each tile is 6 cm.



- i) Find the perimeter, if 4 tiles are joined together in one row?
- ii) Find the area of 4 tiles joined together in one rows?
- iii) What is the total area of one tile?
- iv) What is the total perimeter of one tile?



Delhi Public School, Gandhinagar

SEA-2 (2026-27)

Class: V

Mathematics

Date:

Time: 1hour

M. Marks: 10

Name: _____ Sec: _____ Roll No.: _____

Triangular Numbers (forming a triangular number using bindies)



Delhi Public School, Gandhinagar
AIL-2(2026-27)

Class: V

Mathematics

Date:

Time: 1hour

M. Marks: 10

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

Create a symmetrical figure using poster color.



Delhi Public School, Gandhinagar

CBE Worksheet (2026-27)

Class: V

Mathematics

Date:

Time: 1 hour

M. Marks: 10

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

Q1. Riya needs to pour exactly 2.5 litres of water into a bucket. She only has a 250 mL measuring cup. How many times will she need to fill and empty the cup into the bucket?

- a) 5 times
- b) 10 times
- c) 25 times
- d) 100 times

Q2. A sack contains 5 kg 75 g of sugar. If 2 kg 250 g of sugar is consumed, how much sugar is left in the sack?

- a) 3 kg 825 g
- b) 2 kg 825 g
- c) 3 kg 525 g
- d) 2 kg 525 g

Q3. Rohan's school bus travels a distance of 4 km 50 m from his house to the school. What is this distance expressed entirely in metres?

- a) 450 m
- b) 4,500 m
- c) 4,050 m
- d) 40,050 m

Q4. A wooden plank is 6 metres long. A carpenter cuts it into equal pieces of 75 cm each. How many cuts did the carpenter make to get these pieces?

- a) 8 cuts
- b) 9 cuts
- c) 6 cuts
- d) 7 cuts

Q5. Tank A contains three times as much water as Tank B. If Tank B contains 2 L 450 mL of water, how much more water does Tank A have than Tank B?

- a) 7 L 350 mL
- b) 4 L 900 mL
- c) 5 L 100 mL
- d) 9 L 800 mL

Q 6. In a pictograph, if the symbol  represents 8 basketballs, how many symbols are needed to represent 56 basketballs?

- a) 7
- b) 6
- c) 8
- d) 9

Q7. If 12 students chose Apple and half as many students chose Mango, how many students chose Mango?

- a) 24
- b) 8
- c) 6
- d) 4

Q8. Look at the tally marks showing the number of books read by Aryan: |||| |||| |||. What is the total number of books read?

- a) 11
- b) 12
- c) 13
- d) 15

Q9. In a circle graph (pie chart) representing the modes of transport used by 120 students to come to school, the section for "Walking" covers exactly a quarter (one-fourth) of the circle. How many students do NOT walk to school?

- a) 30
- b) 60
- c) 90
- d) 100

Q10. The average marks obtained by Sam in 3 tests is 15. If he scored 12 marks in the first test and 18 marks in the second test, how many marks did he score in the third test?

- a) 15
- b) 12
- c) 18
- d) 20