MENTAL MATHS

QUESTION BANK 3
CLASS
2025-2026

DIRECTORATE OF EDUCATION, GOVT.OF N.C.T.OF DELHI

MENTAL MATHS QUESTION BANK

CLASS 3

2025-26

DIRECTORATE OF EDUCATION

GOVT. OF NCT OF DELHI

ASHOK KUMAR
IAS

सत्यमेव जयते

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MESSAGE

"An equation means nothing to me unless it expresses a thought of God!"
– Srinivasa Ramanujan

Dear Students,

It is truly inspiring to see the journey of the Mental Maths Project, which has now become a beacon of academic excellence. This initiative stands out as one of the few purely academic projects of its kind undertaken by the Directorate of Education, and its success is a matter of great pride for all of us.

I still vividly remember attending the Mental Maths Quiz last year, where I was amazed by the speed and accuracy with which students answered challenging questions. It was a moment of immense joy and a testament to how this project is shaping bright and confident minds.

The Question Bank is a result of the collective hard work and dedication of many. I extend my heartfelt gratitude to the talented writers who have developed this resource with great care and creativity. I also commend the Core Team of Mental Maths Project for their vision and relentless efforts in taking this project to new heights. A special word of appreciation goes to the Director (Education), whose leadership and commitment have been instrumental in driving this initiative forward.

Dear students, this book is not just a tool for practice – it is an opportunity to challenge yourself, enhance your logical thinking, and build a strong foundation in mathematics. I wish you all great success in your mathematical journey!

2.1.2025

(Ashok Kumar)

VEDITHA REDDY, IAS
Director, Education & Sports

सत्यमेव जयते

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MESSAGE

It is with a mixed sense of responsibility and pride that I present to you the Mental Maths Question Banks 2025-2026.

I believe, working through the myriad questions in this book will not only enhance your problem-solving skills but also help you build a strong foundation in logical thinking and analytical reasoning. I urge each one of you to make the best use of this invaluable resource and challenge yourselves to achieve new milestones in your quest for mastery over Mental Maths!

I extend my heartfelt congratulations to our dedicated Subject Experts for curating such a well-structured and comprehensive Question Banks. Your expertise and hard work have made this resource immensely beneficial for our students.

I also take this opportunity to applaud the efforts of the Core Team of Mental Maths Project, the District Coordinators, HOSs and all those who have joined this team recently for their unwavering commitment. Your collaborative efforts have been instrumental in its continued success.

Additionally, I am delighted to announce that from this academic session, the Mental Maths Question Banks have been extended to include junior-level students from Classes 3 and 4. This marks a significant step forward in nurturing mathematical abilities from an early age.

Let us continue to strive for excellence and make the most of this opportunity. Together, we can achieve remarkable success!

(VEDITHA REDDY, IAS)

विकास कालिया
प्रोजेक्ट डायरेक्टर
(मैंटल मैथ्स)

सत्यमेव जयते

VIKAS KALIA
PROJECT DIRECTOR
(MENTAL MATHS)

संदेश

मैंटल मैथ्स केवल गणितीय सूत्रों के उपयोग में प्रवीणता का ही नाम नहीं है, यह बौद्धिक कौशल का पोषक व परिचायक भी है। क्योंकि आप कितने ही सूत्र कंठस्थ कर लें, यदि बुद्धि ने सही समय पर सही सूत्र कार्यान्वित नहीं किया तो सूत्र याद होने पर भी उसका लाभ नहीं मिल सकेगा। यह वैसा ही होगा जैसे एक सैनिक के पास सटीक मार करने वाला शस्त्र तो उपलब्ध है, किन्तु वह उसे चलाना नहीं जानता।

मैंटल मैथ्स की पूरी टीम का प्रयास प्रारम्भ से यही रहा है कि हमारे विद्यार्थी गणित को समझें; उसके सूत्रों में निहित प्रक्रियाओं व सोपानों को जानें और उन्हें अपने बुद्धि कौशल से प्रचालित करें। इस पूरी प्रक्रिया में वे तर्क-संगत ढंग से सोचना भी सीखें और गणित के प्रश्नों के हल खोजते-खोजते, जीवन के प्रश्नों के हल भी सुगमतापूर्वक निकालने लगें।

मैंटल मैथ्स परियोजना की शिशु पौध जो श्रीमती अनीता सेतिया जी के कर कमलों द्वारा रोपी गई और श्रीमती रेणु शर्मा व डॉ. अफ्शां यास्मीन जैसे अकादमिक दिग्गजों द्वारा सिंचित की गई। आज एक इष्ट- पुष्ट वृक्ष बनने को तत्पर है। विस्तार व विकास की इस यात्रा में परियोजना की पूरी टीम का योगदान अविस्मरणीय है।

अनुदान प्राप्त विद्यालयों को परियोजना में लाना हो या फिर परियोजना को आगे ग्यारवीं-बारहवीं कक्षाओं तक विस्तार देना हो या कि फिर कक्षा तीन और चार के नन्हें-नन्हें विद्यार्थियों को भी मैंटल मैथ्स से जोड़ना हो- इस टीम ने गणित की सेवा को कभी भी 'सार्वजनिक' कार्य नहीं समझा। विशेषकर, कोर टीम के सभी सदस्य और हमारे संयोजक तो प्रोजेक्ट में ऐसे जुटे हैं, जैसे कि यह उनका व्यक्तिगत और पारिवारिक कार्य हो।

मगर अभी भी कई कार्य करने शेष हैं। प्रोजेक्ट की आगामी योजनाओं में प्रधान अध्यापकों के संग चर्चा, प्राथमिक अध्यापकों का कौशल निर्माण, माध्यमिक तथा उच्चतर माध्यमिक स्तर के अध्यापकों का प्रशिक्षण आदि सम्मिलित हैं जिससे कि मैंटल मैथ्स को वास्तव में कक्षा के स्तर तक उतारा जा सके।

आशा करता हूँ कि यह टीम इन सभी ज़िम्मेदारियों का इसी ईमानदारी और निष्ठा से सफल निर्वाहन करेगी।

04/2/25

(विकास कालिया)

CONSTITUTION OF INDIA

[1][PART IV A

FUNDAMENTAL DUTIES

Article 51A. Fundamental duties. — It shall be the duty of every citizen of India—

a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
b) to cherish and follow the noble ideals which inspired our national struggle for freedom;
c) to uphold and protect the sovereignty, unity and integrity of India;
d) to defend the country and render national service when called upon to do so;
e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
f) to value and preserve the rich heritage of our composite culture;
g) to protect and improve the natural environment including forests, lakes, rivers and wildlife, and to have compassion for living creatures;
h) to develop the scientific temper, humanism and the spirit of inquiry and reform;
i) to safeguard public property and to abjure violence;
j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;]

[2][(k) who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.]

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1. Ins. by the Constitution (Forty-second Amendment) Act, 1976, Sec. 11 (w.e.f. 3-1-1977).
2. Ins. by the Constitution (Eighty-sixth Amendment) Act, 2002, Sec. 4 (w.e.f. 1-4-2010).

भारत का संविधान

[1][भाग 4 क

नागरिकों के मूल कर्तव्य

अनुच्छेद 51क. मूल कर्तव्य - भारत के प्रत्येक नागरिक का यह कर्तव्य होगा कि वह -

(क) संविधान का पालन करे और उसके आदर्शों, संस्थाओं, राष्ट्रध्वज और राष्ट्रगान का आदर करे ;

(ख) स्वतंत्रता के लिए हमारे राष्ट्रीय आंदोलन को प्रेरित करने वाले उच्च आदर्शों को हृदय में संजोए रखे और उनका पालन करे ;

(ग) भारत की संप्रभुता, एकता और अखंडता की रक्षा करे और उसे अक्षुण्ण रखे ;

(घ) देश की रक्षा करे और आह्वान किए जाने पर राष्ट्र की सेवा करे ;

(ङ) भारत के सभी लोगों में समरसता और समान भ्रातृत्व की भावना का निर्माण करे जो धर्म, भाषा और प्रदेश या वर्ग पर आधारित सभी भेदभाव से परे हो, ऐसी प्रथाओं का त्याग करे जो स्त्रियों के सम्मान के विरुद्ध है ;

(च) हमारी सामासिक संस्कृति की गौरवशाली परंपरा का महत्व समझे और उसका परिरक्षण करे ;

(छ) प्राकृतिक पर्यावरण की, जिसके अंतर्गत वन, झील, नदी और वन्य जीव हैं, रक्षा करे और उसका संवर्धन करे तथा प्राणि मात्र के प्रति दयाभाव रखे ;

(ज) वैज्ञानिक दृष्टिकोण, मानववाद और ज्ञानार्जन तथा सुधार की भावना का विकास करे ;

(झ) सार्वजनिक संपत्ति को सुरक्षित रखे और हिंसा से दूर रहे ;

(ञ) व्यक्तिगत और सामूहिक गतिविधियों के सभी क्षेत्रों में उत्कर्ष की ओर बढ़ने का सतत प्रयास करे, जिससे राष्ट्र निरंतर बढ़ते हुए प्रयत्न और उपलब्धि की नई ऊंचाइयों को छू ले ;]

[2][(ट) यदि माता-पिता या संरक्षक है, छह वर्ष से चौदह वर्ष तक की आयु वाले अपने, यथास्थिति, बालक या प्रतिपाल्य के लिए शिक्षा के अवसर प्रदान करे ।]

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1. संविधान (बयालीसवां संशोधन) अधिनियम 1976 की धारा 11 द्वारा (3-1-1977 से) अंत: स्थापित |
2. संविधान (छियासीवां संशोधन) अधिनियम 2002 की धारा 4 द्वारा (1-4-2010 से) अंत: स्थापित |

THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a [1]**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens:

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

EQUALITY of status and of opportunity;

and to promote among them all

FRATERNITY assuring the dignity of the individual and the [2][unity and integrity of the Nation];

IN OUR CONSTITUENT ASSEMBLY this twenty- sixth day of November, 1949, do HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.

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1. Subs. by the Constitution (Forty-second Amendment Act,1976, Sec. 2, for "SOVEREIGN DEMOCRATIC REPUBLIC" (w.e.f. 3.1.1977)
2. Subs. by the Constitution (Forty-second Amendment Act,1976, Sec. 2, for "Unity of the Nation" (w.e.f. 3.1.1977)

भारत का संविधान

उद्देशिका

हम, भारत के लोग, भारत को एक **[1][संपूर्ण प्रभुत्व-संपन्न समाजवादी पंथनिरपेक्ष लोकतंत्रात्मक गणराज्य]** बनाने के लिए, तथा उसके समस्त नागरिकों को :

सामाजिक, आर्थिक और राजनैतिक **न्याय,**

विचार, अभिव्यक्ति, विश्वास, धर्म

और उपासना की **स्वतंत्रता,**

प्रतिष्ठा और अवसर की **समता**

प्राप्त कराने के लिए,

तथा उन सब में

व्यक्ति की गरिमा और [2][राष्ट्र की एकता और अखंडता] सुनिश्चित करने वाली **बंधुता**

बढ़ाने के लिए

दृढ़संकल्प होकर **अपनी इस संविधान सभा में** आज तारीख 26 नवंबर 1949 ई. (मिति मार्गशीर्ष शुक्ला सप्तमी, संवत् दो हजार छह विक्रमी) को **एतद्द्वारा इस संविधान** को **अंगीकृत, अधिनियमित और आत्मार्पित करते हैं ।**

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1. संविधान (बयालीसवां संशोधन) अधिनियम 1976 की धारा 2 द्वारा (3.1.1977 से) "प्रभुत्व-संपन्न लोकतंत्रात्मक गणराज्य" के स्थान पर प्रतिस्थापित ।

2. संविधान (बयालीसवां संशोधन) अधिनियम 1976 की धारा 2 द्वारा (3.1.1977 से) "राष्ट्र की एकता" के स्थान पर प्रतिस्थापित ।

ACKNOWLEDGEMENT

SUBJECT EXPERTS & CONTENT DEVELOPMENT TEAM

CLASS - 3 (SESSION 2025-2026)

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ANNU, ASSISTANT TEACHER

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STATE LEVEL MENTAL MATH QUIZ COMPETITION RESULT 2024-2025
LEVEL-I
REGION – SOUTH (1st POSITION)

S. No.	CLASS	NAME OF STUDENT	FATHER'S NAME	STUDENT ID	SCHOOL NAME	SCHOOL CODE	NAME OF GUIDE TEACHER
1	V	ATHOM SINHA	AJIT KUMAR GAUTAM	20180247486	ASOSE, SEC-22, DWARKA	1821282	KALPNA CHOUDHARY
2	V	PARTH SHARMA	RATAN LAL	2024105900	SBV FATEHPUR BERI	1923014	ABHILASHA YADAV
3	V	PRATEEK KUMAR	CHANDAN PRASAD BARNWAL	20190089207	SMAS SKV MAHIPALPUR	1720032	MAMTA

REGION - WEST (2nd POSITION)

S. No.	CLASS	NAME OF STUDENT	FATHER'S NAME	STUDENT ID	SCHOOL NAME	SCHOOL CODE	NAME OF GUIDE TEACHER
1	V	RAJSHIVANSH MUDGAL	YATINDER MUDGAL	20180227009	AES NTR RAO MEMORIAL SSS, JANAKPURI	1618080	ALLADA SEKHARA RAO
2	V	AARAV N BINISH	BINISH C N.	20200059071	KERALA SSS, M-BLOCK, VIKASPURI	1618081	ANUPAMA
3	V	DIVAKAR SHARMA	BABLU KUMAR SHARMA	20230219887	SV KAKROLA	1618009	ANIL KUMAR

REGION –EAST (3rd POSITION)

S. No.	CLASS	NAME OF STUDENT	FATHER'S NAME	STUDENT ID	SCHOOL NAME	SCHOOL CODE	NAME OF GUIDE TEACHER
1	V	HEMANG	TEJ PRAKASH	20200233510	ABBSS BALBIR NAGAR SHAHDARA	1105135	SUNITA
2	V	SAIYAM CHAUDHARY	VINDO KUMAR	20200167513	GSKV NO.2 C-BLOCK, YAMUNA VIHAR	1104024	GARIMA LOCHAN
3	V	ANIKET KUMAR	AMIT KUMAR	20230168417	SKV KAMLA NEHRU JANGPURA	1924037	REKHA

REGION -NORTH (4th POSITION)

S. No.	CLASS	NAME OF STUDENT	FATHER'S NAME	STUDENT ID	SCHOOL NAME	SCHOOL CODE	NAME OF GUIDE TEACHER
1	V	AARADHYA MAHESHWARI	VIPUL KUMAR	20180262795	SOE SECTOR-23, ROHINI	1413342	NITIKA MANN
2	V	MANNU	OM PRAKASH	20210124014	GSBV BANKNER	1310168	NAVEEN
3	V	KALPANA UPADHYAY	HEMANT UPADHYAY	20210296989	SKV, DHAKKA	1309025	ANNU LAMBA

REGION –CENTRAL (5th POSITION)

S. No.	CLASS	NAME OF STUDENT	FATHER'S NAME	STUDENT ID	SCHOOL NAME	SCHOOL CODE	NAME OF GUIDE TEACHER
1	V	SEHDEV SAHU	RAJESH SAHU	20210285663	NUTAN MARATHI SR. SEC. SCHOOL	2128091	SEEMA BHARDWAJ
2	V	DHAIRYA	SATYA PRAKASH	20200067635	SSLT GUJRAT SR. SEC. SCHOOL,	1207147	MEENAKSI MITTAL
3	V	ADITYA KUMAR	AJAY KUMAR JHA	20200211023	RPSV (SINDHI) NEW RAJENDIR NAGAR	2128032	ROHIT

MENTAL MATHS QUIZ COMPETITIONS

SCHEDULE

SESSION 2025 - 2026

DIRECTORATE OF EDUCATION

GOVT OF NCT OF DELHI

❖	**Practice to students from Question Bank**	**:**	**01.04.2025 to 27.09.2025**
❖	**School Level Quiz Competitions**	**:**	**16.10.2025 to 31.10.2025**
❖	**Cluster Level Quiz Competition**	**:**	**03.11.2025 to 10.11.2025**
❖	**Zonal Level Quiz Competition**	**:**	**18.11.2025 to 25.11.2025**
❖	**District Level Quiz Competition**	**:**	**02.12.2025 to 08.12.2025**
❖	**Regional Level Quiz Competition**	**:**	**26.12.2025 to 31.12.2025**
❖	**State Level Quiz Competition**	**:**	**16.01.2026 to 31.01.2026**

INDEX

CHAPTER -1

FUN WITH NUMBERS

Points to Remember

- **0, 1, 2, 3, 4, 5, 6, 7, 8 and 9 are called digits. We use digits and place value to read and write numbers.**

  Let us understand the number 256

  256

  Ones place

  6 ones

  Place value = 6×1 *or* 6

  Tens place

  5 tens

  Place value = 5×10 *or* 50

  Hundreds place

  2 hundreds

  Place value = 2×100 *or* 200

- **As a digit moves to the left, its value keeps increasing ten times.**

- **The place value of zero is always '0' irrespective of the place it occupies.**

- **Odd and Even Numbers**

- **All the numbers that have 2, 4, 6, 8 and 0 in the ones place are even numbers.**

  72, 346, 7908 are all even numbers.

- **All the numbers that have 1, 3, 5, 7 and 9 in the ones place are odd numbers.**

  31, 427 are odd numbers.

- **Expanded form and Standard form**

- **Expanded form of a number is the sum of the place values of its digits.**

  For example:- 456 = 400 + 50 + 6

  Standard form Expanded form

- **Ordering Numbers**

- **Descending order:- Arranging numbers in the order starting from the greatest number to the smallest number.**

- **Ascending order:- Arranging numbers in the order starting from the smallest number to the greatest number.**

- **Building Numbers**

- **Greatest number:- To build the greatest number, write the digits in descending order.**

  For example- Using 1, 9 and → 7 971

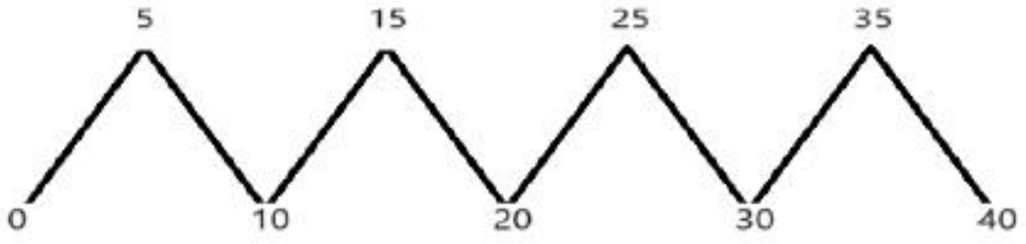
- **Smallest number:- To build the smallest number, write the digits in ascending order.**

  For example- Using 1, 9 and → 7 179

As '0' on the extreme left of a number has no value, smallest number using 2, 0, 4 and 8 is 2048 and not 0248.

<u>Rounding Off Numbers</u>

- **Sometimes we do not need to use exact numbers. We use an approximate value. This approximate value is the nearest multiple of 10, 100 or 1000 etc. It is known as Rounding Off the numbers to the nearest ten, hundred or thousand etc.**
- **Rounding off to nearest 10:- This folded number line looks like mountain peaks and valleys. The peaks show the number that is halfway between the tens.**



-A ball on 13 will roll to 10 i.e; 13 is rounded off to 10.

-A ball on 36 will roll to 40 i.e; 36 is rounded off to 40.

Questions

1. **Which is the smallest 3-digit number?**
2. **Which is the greatest 3-digit number?**
3. **Name the largest 3-digit even number.**
4. **Which is the smallest 2-digit odd number.**
5. **Tell whether a tricolour flag has odd number or even number of colours.**
6. **What is the place value of 8 in 815?**
7. **How many hundreds are there in 456?**
8. **How many tens are there in 86?**
9. **Find the number which is 100 less than 828?**
10. **Find the numeral for nine hundred two.**
11. **Find the numeral for sixty-six.**

[12-16] Express the expanded form of :-

12. **849**
13. **712**
14. **602**
15. **219**
16. **342**

[17-20] Express the standard form of :-

17. **800+4**
18. **600+70+5**
19. **300+90+9**

20. 50+6

[21-25] Express in descending order

21. 841, 918, 325

22. 395, 593, 935

23. 070, 007, 700

24. 199, 119, 919

25. 341, 926, 296

[26-30] Express in ascending order

26. 384, 090, 873

27. 893, 983, 619

28. 543, 345, 534

29. 314, 030, 300

30. 368, 663, 294

[31-32] Complete the pattern

31. 228, 238, 248, ___

32. 500, 600, 700, ___

[33-34] Tell which number comes before

33. ___, 600

34. ___, 814

[35-36] Tell which number comes after

35. 62, __

36. 175, ___

37. Find the greatest 3-digit number formed using the digits 8, 9 and 3 only once.

[38-40] Find the greatest and smallest 3-digit numbers using the given digits only once.

	Digits	Greatest no.	Smallest no.
38.	6, 3, 4	_____	_____
39.	3, 9, 7	_____	_____
40.	8, 6, 5	_____	_____

41. Find the number that comes between 440 and 450 and has 5 ones.
42. Which number comes between 389 and 391?
43. Find the number which has 2 tens, 3 ones and 8 hundreds?
44. I am a 3-digit number. I have 3 at my tens place. The other two digits are 4 and 7. I am more than 500. I am the number _____.
45. If you add 1 to me, I will become 1 less than 700. I am the number _____.
46. I am an even number. The digit at my hundreds place is the greatest 1-digit number and tens place digit is a number which is 5 less than the digit at hundreds place. The digit at ones place is same as that at tens place. I am the number ____.

[47-48] Round off the following numbers to nearest ten

47. 72

48. 248

[49-50] Round off the following numbers to nearest hundred

49. 542

50. 276

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	100	27.	619, 893, 983
2.	999	28.	345, 534, 543
3.	998		
4.	11	29.	030, 300, 314
5.	Odd no.	30.	294, 368, 663
6.	800/Eight hundred	31.	258
7.	400/Four hundred	32.	800
8.	8 tens	33.	599
9.	728	34.	813
10.	902	35.	63
11.	66	36.	176
12.	800+40+9	37.	983
13.	700+10+2	38.	643, 346
14.	600+2	39.	973, 379
15.	200+10+9	40.	865, 568
16.	300+40+2	41.	445
17.	804	42.	390
18.	675	43.	823
19.	399	44.	734
20.	56	45.	698
21.	918, 841, 325	46.	944
22.	935, 593, 395	47.	70
23.	700, 070, 007	48.	250
24.	919, 199, 119	49.	500
25.	926, 341, 296	50.	300
26.	090, 384, 873		

CHAPTER-2

ADDITION AND SUBTRACTION ADVENTURES

Points to Remember

➢ **Addition Properties**

- **The numbers can be added in any order. The sum will be same in both the cases.**

For example:- $3 + 5 = 8$

$5 + 3 = 8$

- **When '0' is added to a number, the sum is the number itself.**

  For example:- $9 + 0 = 9$

- **When 1 is added to a number, we get just next number of the given number.**

  For example:- $5 + 1 = 6$

➢ **Subtraction Properties**

- **When we substract '0' from a number, we get the same number.**

  For example:- $41 - 0 = 41$

- **When we substract a number from itself, we get '0'.**

  For example:- $28 - 28 = 0$

- **When we substract '1' from a number, we get just previous number of the given number.**

  For example:- 54 – 1 = 53

  - **The difference between two consecutive numbers (numbers that come one after the other on the number line) is always '1'. For example:- 79 – 78 = 1**

Questions

1. Solve:

(a)

	T	O
	3	4
+		6

(b)

	T	O
	2	3
+	1	2

(c)

	T	O
	2	6
+	3	6

2. Solve:

(a)

	H	T	O
	3	3	5
+		2	4

(b)

	H	T	O
	4	2	0
+	1	7	8

(c)

	H	T	O
	5	0	8
+	1	9	4

3. Solve:

(a)

	T	O
	4	2
−		5

(b)

	T	O
	3	3
−		5

(c)

	T	O
	6	5
–	2	7

4. Solve:

(a)

	H	T	O
	2	4	2
–	1	3	1

(b)

	H	T	O
	4	7	5
–	2	2	6

(c)

	H	T	O
	3	7	3
–	1	4	5

[5-14] Solve the following questions and find the value of x:

5. $60 + 300 = x$
6. 19 tens+5 ones= x
7. 65 tens + 10 ones = x
8. 10 more than $891 = x$
9. 100 more than $432 = x$
10. $4238 + x = 4239$
11. $8352 + 0 = x$
12. $x + 0 = 6111$
13. $432 + 815 = x + 432$
14. $2153 + x = 8329$

[15-19] Solve the following questions and find the value of y:

15. $3295 - y = 3295$
16. $919 - 919 = y$
17. 75 less than the smallest 3 − digit number $= y$
18. 10 $less\ than$ 10 $tens = y$
19. $785 - 0 = y$
20. In a garden, there are 97 lillies and 42 roses. Which flower is more in number and by how much?
21. If $25 + 35 = 60$, find $250 + 350$.

[22-25] Compare using (<, > or =)

22. $500 + 200 \square\ \ 50 + 200$
23. $209 + 1 \square\ \ 1 + 902$
24. $215 - 15 \square\ \ 100 - 10$

25. $320 + 400 \square 700$

[26-30] Put '+' or '-'

26. $78 \square 25 = 103$

27. $70 \square 20 = 50$

28. $125 \square 20 = 105$

29. $240 \square 20 = 280$

30. $200 \square 100 = 100$

31. Which number should be added to 62 to make it 200?

32. Find the sum when successor of 120 and predecessor of 231 are added?

33. Add 5 rupees 75 paise to 7 rupees 50 paise.

34. $615 - 200 = y$, find y.

35. $125 - 25 = y$, find y.

36. By how much is 490 greater than 342?

37. 6 hundreds +5 tens+3 ones= y, find y.

38. Find the difference between the place value and face value of 3 in 329?

39. Find the sum of the odd numbers between 5 and 12.

40. Rahul has read 56 pages out of 100 pages of a novel. Find the number of more pages he needs to read.

41. 125 cars are parked in a parking lot. Space for 175 cars is vacant. Find the total capacity of the parking lot.

42. Tom has 56 toy cars. His friend Raj gives him 113 more toy cars. How many toy cars does Tom have now?

43. **Sita has 45 candies. She ate 18 of them. How many candies does Sita have now?**

44. **Nidhi has plucked 25 red radishes and 36 white radishes. How many total radishes has she plucked?**

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1	(a) 40	12.	6111
	(b) 35	13.	815
	(c) 62	14.	6176
2	(a) 359	15.	0
	(b) 598	16.	0
	(c) 702	17.	25
3	(a) 37	18.	90
	(b) 28	19.	785
	(c) 38	20.	55 lilies
4	(a) 111	21.	600
	(b) 149	22.	>
	(c) 228	23.	<
5.	360	24.	>
6.	195	25.	=
7.	660	26.	+
8.	901	27.	+
9.	532	28.	−
10.	1	29.	+
11.	8352	30.	−

31.	**138**	**38.**	**297**
32.	**351**	**39.**	**32**
33.	**13 Rupees 25 paise**	**40.**	**44**
34.	**415**	**41.**	**300**
35.	**100**	**42.**	**169**
36.	**148**	**43.**	**27**
37.	**653**	**44.**	**61**

CHAPTER-3

MATHEMATICAL MARVELS :

MULTIPLICATION AND DIVISION

Points to Remember

- **Multiplication is "Repeated Addition". It means we can write numbers in multiplicative form if same number is added many times.**

  For example - $3 + 3 + 3 + 3 = 3 \times 4 = 12$

  Change in the order of numbers does not change the product.

  For example - $2 \times 5 = 10, 5 \times 2 = 10$

- **When we multiply a number by 1, the product is the number itself.**

  For example - $5 \times 1 = 5$

- **When we multiply any number by 0, the product is always "0"**

  For example - $7 \times 0 = 0$

- **<u>Division properties</u> :-**
  - **Division is "Repeated Subtraction"**
  - **Dividend: The number that gets divided while doing division.**
  - **Divisor: The number which divides the dividend.**
  - **Quotient: The result of dividing one number by another.**

- **Dividend ÷ Divisor = Quotient**

➢ **When we divide any number by 1, the quotient is the number itself.**

For example - 8 ÷1 = 8

➢ **When we divide a number by itself, the quotient is 1.**

For example- 11÷11 = 1

➢ **When we divide 0 by any number, the quotient is always 0.**

For example- 0÷5 = 0

➢ **Division by zero is not possible.**

Questions:

[1-10] Find the value -

1. **6 + 6 + 6 + 6**
2. **2 + 2 + 2 + 2 + 2 + 2**
3. **6 times 3**
4. **8 times 7**
5. **4×8**
6. **32÷8**
7. **45÷5**
8. **15 equally shared by 5 is ☐ each.**
9. **12 equally divided by 2 is ☐ .**
10. **9×5**

[11-15] Look at the group of objects and write the answer

I	II	III	IV	V
				
				

11. How many pineapples are there in all ?

12. How many pineapples are there in each group ?

13. How many groups are formed ?

14. How many twos are in 10 ?

15. $10 \div 2 = ?$

[16-20] Dodging tables :

16. $\square \times 3 = 27$

17. $6 \times \square = 18$

18. $9 \times 8 = \square$

19. $7 \times 4 = \square$

20. $5 \times \square = 40$

[21-25] Find out what is missing in each row and write in the box –

	Item	No. of people	No. of item each one get
21.	30 Carrots	6	☐
22.	50 Pencils	☐	10
23.	☐ Cartoons	9	9
24.	☐ Butterflies	4	2
25.	72 Flowers	8	☐

[26-27] <u>Fun Time</u>

26. (a) 1 goose = ☐ legs

(b) 3 geese = ☐ legs

27. (a) 1 horse = ☐ legs

(b) 5 horse = ☐ legs

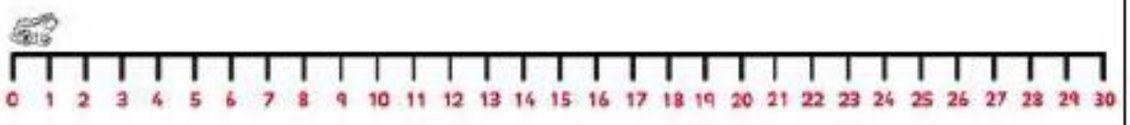
28. 9 Squares = ☐ sides

29. 5 Weeks = ☐ days

30. How many days are there in 2 months if each month has 31 days?

31. In the given number line a frog is at '0'. It takes jumps of only 4.

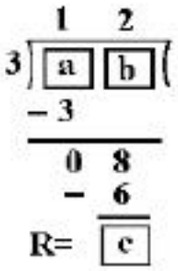
What would be the largest number that the frog will reach before crossing 30 ?



32. One dozen is 12, how many items are there in 3 dozen ?

33. A clock has 2 hands, how many hands will be there in 6 clocks ?

34. Find the missing numbers a, b, c -



[35-36] Complete the pattern :

35. 12, 18, 24, 30, ... ,.....

36. ..... , ..., 32, 40, 48, 56

37. 21 ÷ 21 = ?

38. 11 ÷ ? = 1

39. 48 ÷ ? = 6

40. 42 × 0 = ?

41. Half of 72 = ?

42. Twice of 120 = ?

43. Thrice of 60 =?

44. There are 73 apples on a tree. How many apples would be there on 9 trees?

45. Share 24 bananas among 8 children. How many bananas will each child get?

46. **Vaani has 56 sea shells. She gives 7 sea shells to each of her 5 friends. How many does she have left?**
47. **Find the product of smallest 2 digit odd number and smallest 1 digit even number.**
48. **Find the quotient and remainder :**

    Greatest 3 digit number ÷ Smallest 2 digit number
49. **How many times of 6 is 60?**
50. **Ramesh has 12 pencils. He wants to share them equally among 4 friends. How many pencil will each friend get?**

ANSWERS:

Q.No.	Answers	Q. No.	Answers
1.	24	27	(a)4
2.	12		(b)20
3.	18	28.	36
4.	56	29.	35
5.	32	30.	62
6.	4	31.	48
7.	9	32.	36
8.	3	33.	12
9.	6	34	(a)3
10.	45		(b)8
11.	10		(c)2
12.	2	35.	36, 42
13.	5	36.	16, 24
14.	5	37.	01
15.	5	38.	11
16.	9	39.	8
17.	3	40.	0
18.	72	41.	36
19.	28	42.	240
20.	8	43.	180
21.	5	44.	657
22.	5	45.	3
23.	81	46.	21
24.	8	47.	22
25.	9	48.	Quotient=99, Remainder=9
26	(a).2	49.	10
	(b) 6	50.	3

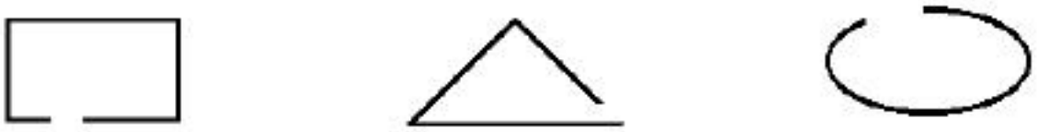
CHAPTER-4

SHAPES

Points to Remember

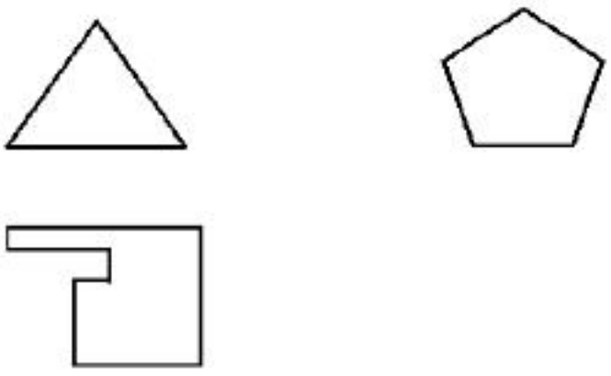
- **Open figures: The figures whose end points do not meet are open figures.**

  For example-

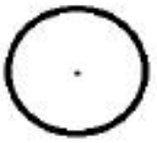


- **Closed figures: The figures whose end points meet are closed figures.**

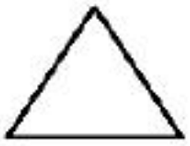
  For example-



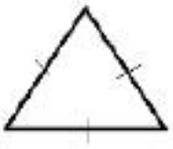
- **Two dimensional shapes (2D-shapes).**
  - **<u>Circle</u> :- A circle is a simple closed curve all of whose points are at equal distance from a fixed point called centre.**



- **Triangle :- A closed figure with three sides and three corners is a triangle.**

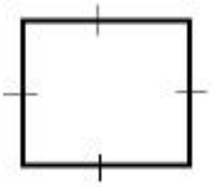


- **A triangle whose all three sides are equal is called an equilateral triangle.**



- **Rectangle :-A four sided closed figure having four corners and four corners and whose opposite sides are equal is known as rectangle.**

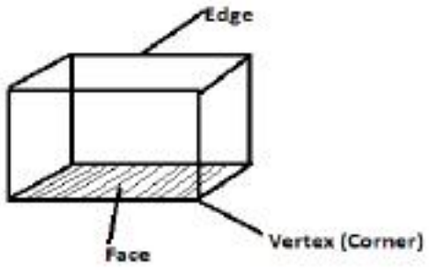
- **Square :- A square is a special type of rectangle whose all four sides are equal.**

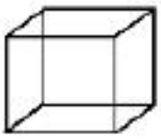
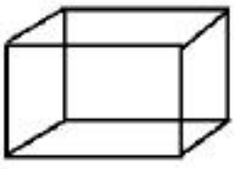


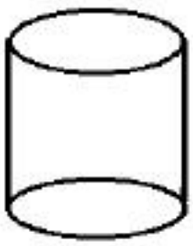
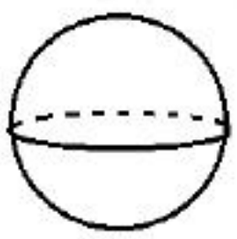
➢ **Three – Dimensional shapes (3D- shapes/ solid shapes)**

- **Solid shapes have faces, edges and vertex (corner) .**
- **Face :- The surface of a solid is called its face.**
- **Edge :- The line where two faces meet is edge.**

- **<u>Vertex (Corner)</u> :- A point where two or more edges meet is a vertex.**

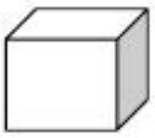


S.No.	3 – D Shape	No. of Faces	No. of Vertices	No. of Edges
1.	Cube 	6 Flat Faces	8	12
2.	Cuboid 	6 Flat Faces	8	12
3.	Cone 	1 Flat Face and 1 Curved Face	1	1 (Curved)

4.	**Cylinder** 	**1 Curved Face and 2 Flat Face**	**No Vertex**	**2 (Curved)**
5.	**Spheres** 	**1 Curved Face**	**No Vertices**	**No Edges**

Questions :-

[1-2] Identify the odd one out:

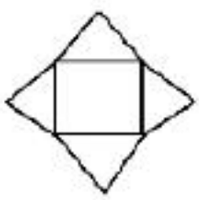
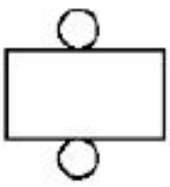
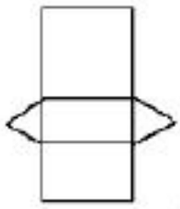
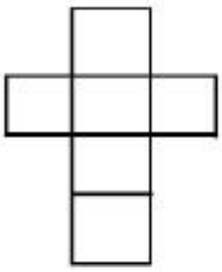
1. (a)  (b)  (c)  (d) 

2. **Which solid shape has more sides : a triangle or a rectangle ?**

3. **What is the shape of the faces of a cube ?**

(a) Circle (b) Triangle (c) Square (d) Rectangle

4. **How will a cube look after opening from top and side ?**

(a)  **(b)**  **(c)**  **(d** 

[5-10] Fill in the blanks :

5. **A square has _____ sides and _____ corners.**

6. **A triangle has _____ sides and _____ corners.**

7. **A cuboid has _____ edges.**

8. **Opposite sides of a rectangle are _____ in length.**

9. **A cube has ____ faces and _____ vertex.**

10. **This rocket is a combination of _____ and _____.**

11. Write the name of shape of the following objects :

(a) Dice

(b) Book

(c) Gas cylinder

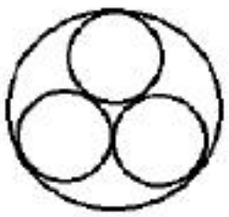
(d) Marble

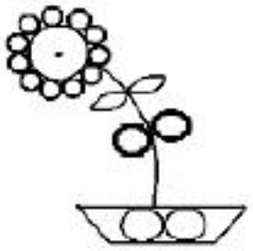
(e) Carrot

12. Complete the following Table :

S.No.	Name of object	Whether it has corner (Yes / No)	No. of Edges	No. of Corners/ Vertices
a	Ball			
b	Dice			
c	Eraser			
d	Birthday cap			
e	Egg			
f	Sheet of paper			

[13-14] Find the number of circles in the following figures –

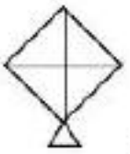
13. 

14. 

[15-18] Count the total number of edges in the following plane figures –

15. 

16. 

17. 

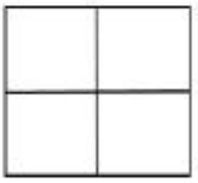
18. 

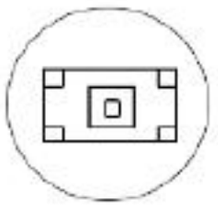
[19-20] Count the total number of Rectangles –

19. 

20. 

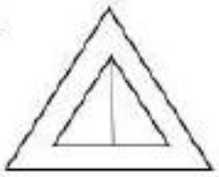
[21-22] Find the total no. of squares in the given figure –

21. 

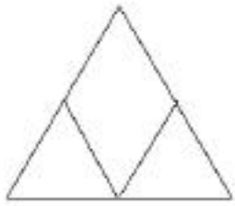
22. 

[23-26] Find the total number of triangles in the given figure –

23.

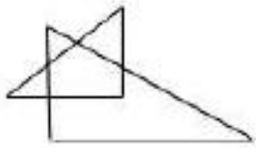


24.



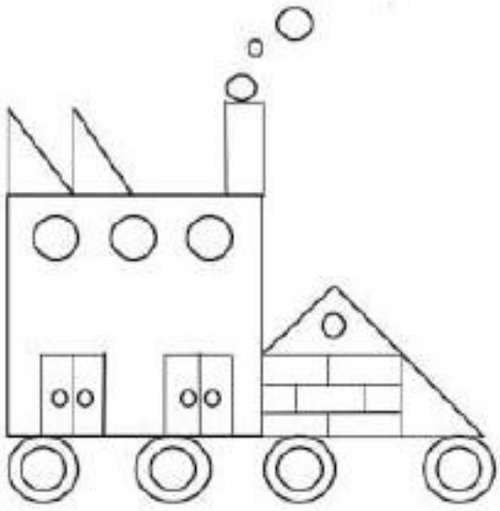
25.

26.

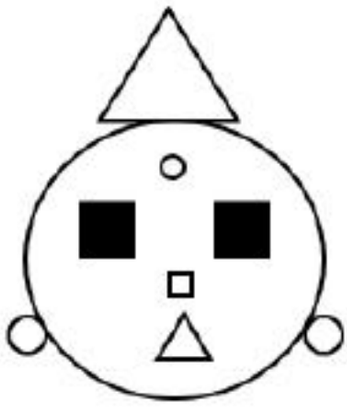


[27-28] Count the total number of circle, triangle and squares in the given figure -

27.

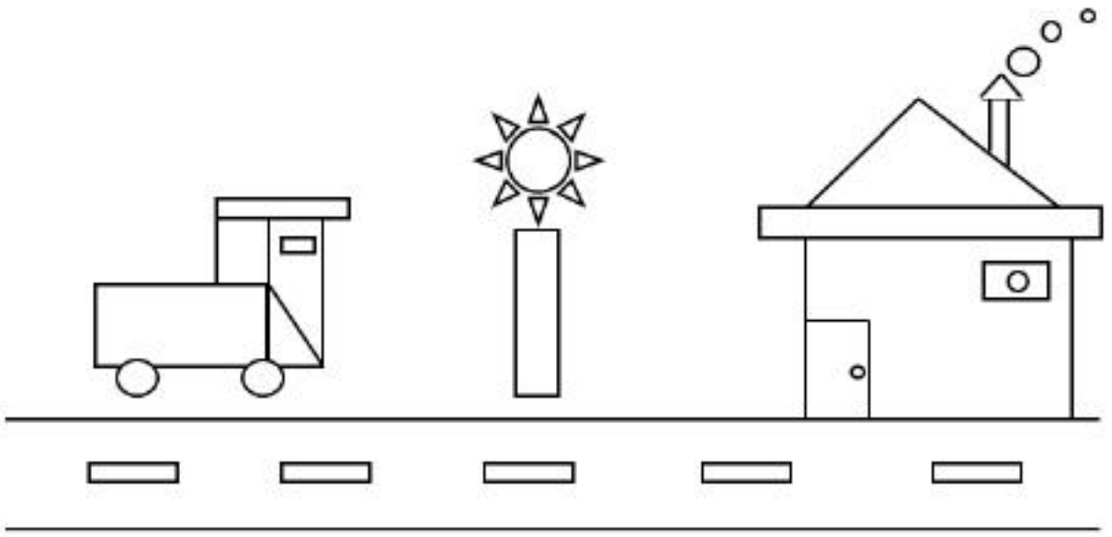


28.

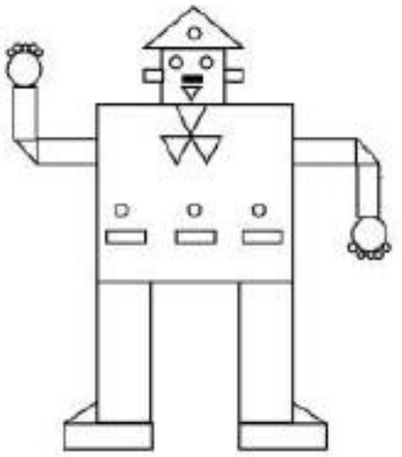


[29-33] Count the total number of rectangle, circle & triangle in the given figure -

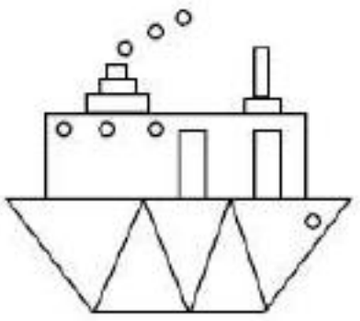
29.



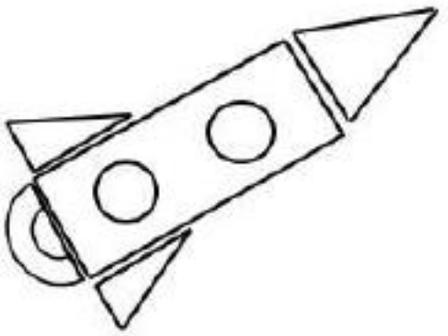
30.



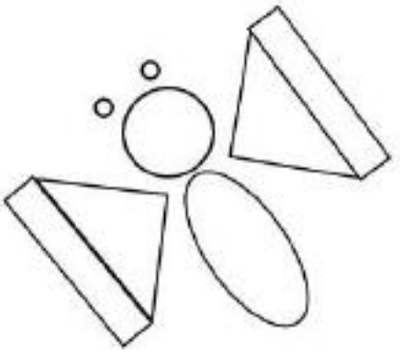
31.



32.

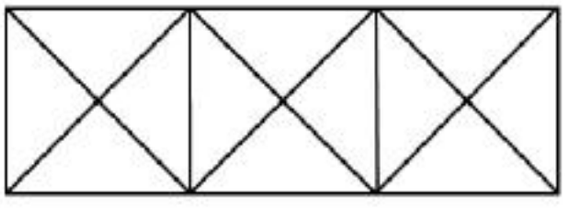


33.



34. How many corners will you get by folding a rectangular paper horizontally four times ?

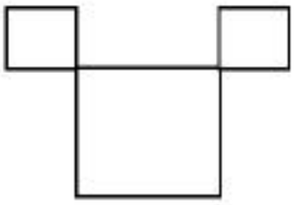
35. Tell the no. of straight lines in the given figure .



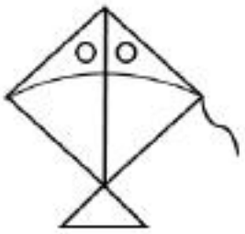
36. Amongst triangle, square and circle which 2-D shape has maximum numbers of sides.

[37-38] How many corners are there in the given figure ?

37.



38.



39. Which 2D- shape has no corners and is round like a wheel?

40. A man has 10 one rupee coins of similar kind. He puts them exactly one on the other. Which shape will he get finally?

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	C	17.	Yes
2.	Rectangle	18.	8
3.	C	19.	10
4.	D	20.	3
5.	4, 4	21.	5
6.	3, 3	22.	6
7.	12	23.	4
8.	Equal	24.	5
9.	6, 8	25.	8
10.	Cone, Cylinder	26.	5
11	(a).Cube	27.	Circle-19, Triangle-4, Square-4
	(b).Cuboid	28.	Circle- 4, Triangle-2, Square-3
	(c).Cylinder	29.	Rectangle-13, Circle-8, Triangle-9
	(d).Sphere	30.	Rectangle-16, Circle-18, Triangle-9
	(e).Cone	31.	Rectangle-8, Circle-7, Triangle-5
12	(a).No, 0, 0	32.	Rectangle-13, Circle-8, Triangle-9
	(b).Yes, 12, 8	33.	Rectangle-1, Circle-2, Triangle-3
	(c).Yes, 12, 8	34.	4
	(d).Yes. 1, 1	35.	12
	(e).No, 0, 0	36.	Square
	(f).Yes, 4, 4	37.	10
13.	4	38.	6
14.	16	39.	Circle
15.	5	40.	Cylinder
16.	6		

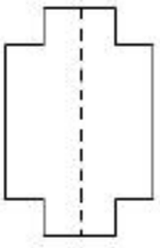
CHAPTER-5

SYMMETRY

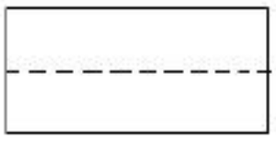
Points to Remember

- **Two shapes are said to be symmetrical when one shape is identical to the other when it is either moved, rotated or flipped. In other words, an object or a figure is Symmetrical when it looks the same on both sides on dividing into two equal parts.**
- **Symmetry is observed in nature, numbers, letters, words, shapes, art, and architecture in everyday objects.**
- **Not everything is symmetrical. If something doesn't have symmetry, it is called asymmetry.**
- **<u>Line of symmetry</u> – It is a line which divides the figure into two equal parts. There can be figures with more than one line of symmetry.**

For example-



Vertical line of symmetry

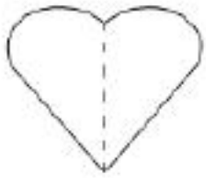


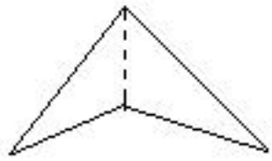
Horizontal line of symmetry

Lines of symmetry along its diagonals

Symmetrical figures – **These are the figures which can be divided into two equal halves and they overlap each other completely.**

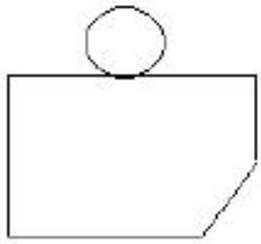
For example -

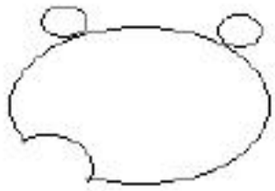




Asymmetrical figures- These are the figures which cannot be divided into two equal halves.

For example-





In the above given figures, there is no line of symmetry. Hence these are asymmetrical figures.

Questions :-

[1-3] Which of the following English alphabet do not have symmetry-

1. **(a) A (b) H (c) F (d) I**
2. **(a) B (b) W (c) C (d) G**
3. **(a) M (b) J (c) V (d) E**

[4-6] Which of the following has a horizontal line of symmetry-

4. (a) A (b) B (c) M (d) W

5. (a) 22 (b) 3 (c) 44 (d) 55

6. (a)  **(b)**  **(c)**  **(d)**

[7-11] How many lines of symmetry are there in the following

Figures-

7. Square

8. Rectangles

9. Semi circle

10. Equilateral triangle

11. Kite

[12-17] Write the alphabet in the given words which have no symmetry-

12. MATHEMATICS

13. ZOOM

14. WHEN

15. GOOD

16. JOY

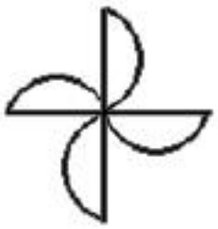
17. CHILD

18. How many lines of symmetry do the following English alphabet have ?

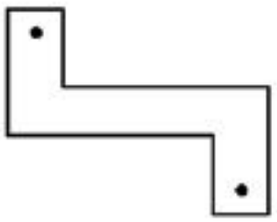
(a) V (b) H (c) B (d) T (e) Z (f) K

[19-24] Check whether the following figures have line(s) of symmetry or not (Yes/No) :-

19.

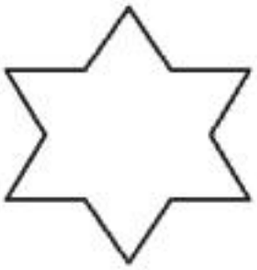


20.

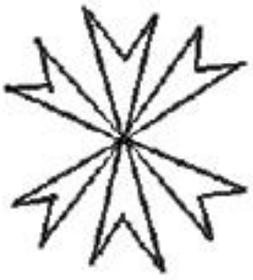


21.

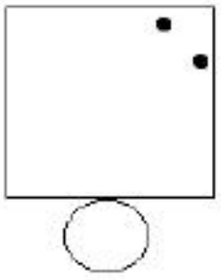
22.



23.

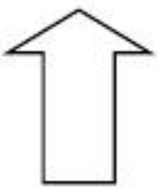


24.

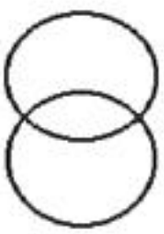


[25-34] Find the number of lines of symmetry in the following figures –

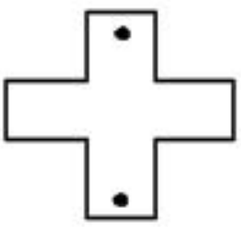
25.



26.



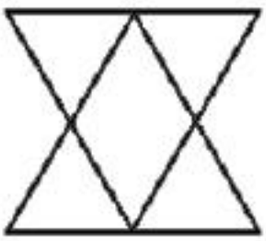
27.



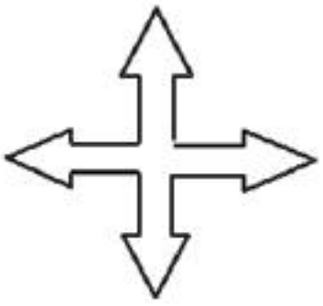
28.

29.

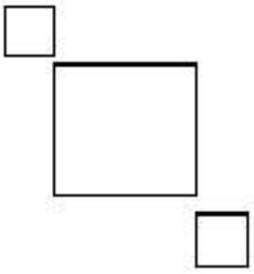
30.

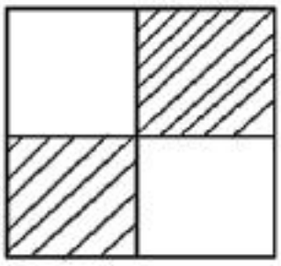


31.



32.

33. 

34. 

35. **Which shape has infinite lines of symmetry ?**

36. **Which number between 2 and 10 has horizontal and vertical line of symmetry ?**

37. **Which number between 2 and 10 has a horizontal line of symmetry ?**

38. **How many symmetrical numbers are there in the number range from 30 to 40 ?**

39. **Which number from 1 to 100 has the most lines of symmetry ?**

[40-44] Which line of symmetry (Horizontal/Vertical) is there in the following words ?

40. WOW

41. MOM

42. BOB

43. TOT

44. COOK

45. Find the sum of all the symmetrical numbers between 2 and 9.

[46-50] How many lines of symmetry are there in the following Roman numerals?

46. III

47. IX

48. V

49. IV

50. X

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	C	23.	Yes
2.	D	24.	No
3.	B	25.	1
4.	B	26.	2
5.	B	27.	2
6.	D	28.	1
7.	4	29.	2
8.	2	30.	2
9.	1	31.	2
10.	3	32.	1
11.	1	33.	2
12.	S	34.	2
13.	Z	35.	Circle
14.	N	36.	8
15.	G	37.	3 and 8
16.	J	38.	One
17.	L	39.	88
18.	(a) 1	40.	Vertical
	(b) 2	41.	Vertical
	(c) 1	42.	Horizontal
	(d) 1	43.	Vertical
	(e) 0	44.	Horizontal
	(f) 1	45.	11
19.	No	46.	2
20.	No	47.	1
21.	Yes	48.	1
22.	Yes	49.	0
		50.	2

CHAPTER-6

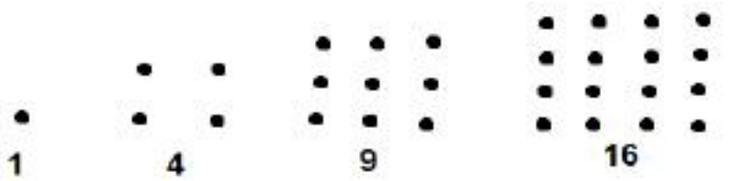
PATTERN

Points to Remember

- **Pattern is a sequence of repeating objects, letters, shapes or numbers.**
- **Types of pattern:**
  - **Repeating pattern**

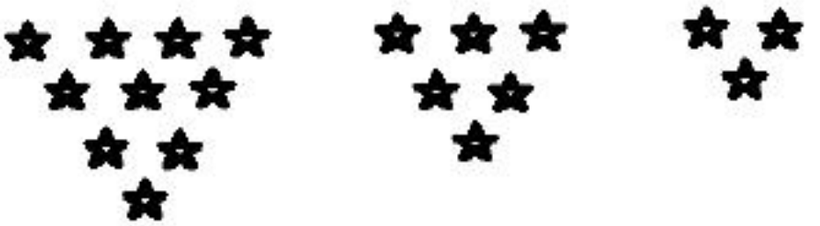
    For example - 
  - **Growing / Increasing pattern**

    For example -



  - **Shrinking / Decreasing pattern**

    For example –



  - **Other pattern**

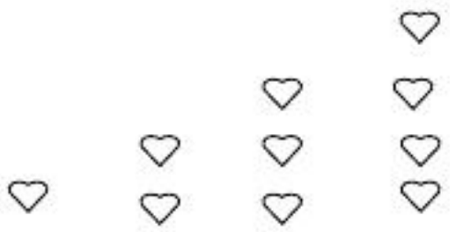
    Includes alphabetical pattern, skip counting, odd & even no. pattern or mixed challenge.

Questions :-

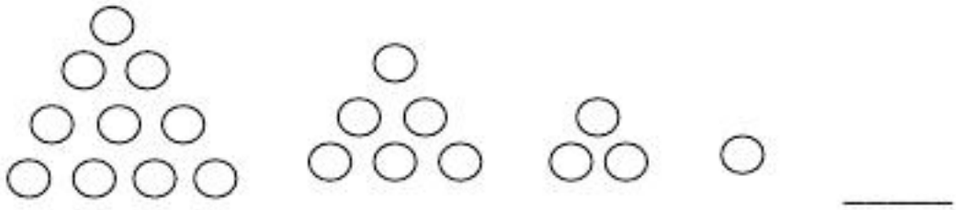
[1-3] Find the next number for the pattern.

1. **B-2 , C-3 , D-4 , E-5 , _____**
2. **34 , 45 , 56 , 67 , _____**
3. **A-10 , C-8 , E-6 , G-4 , _____**

[4-6] look at the patterns and write the type of pattern (Increasing, Decreasing or Repeating)

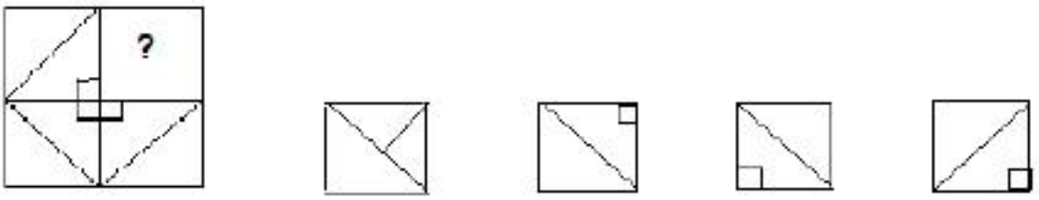
4.  _____

5.  _____

6.  _____

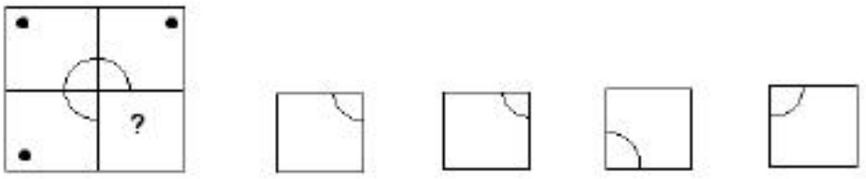
[7-11] Choose the correct figure to complete the given pattern 'X' –

7.



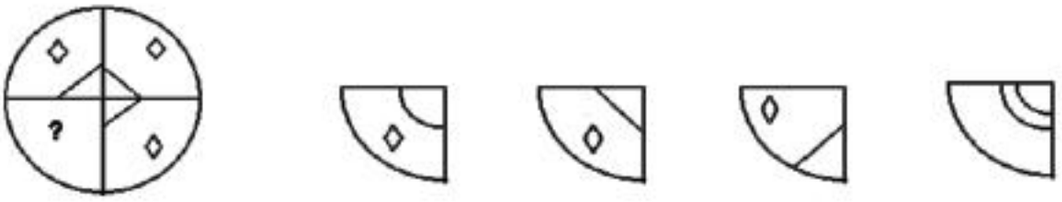
(X) (a) (b) (c) (d)

8.



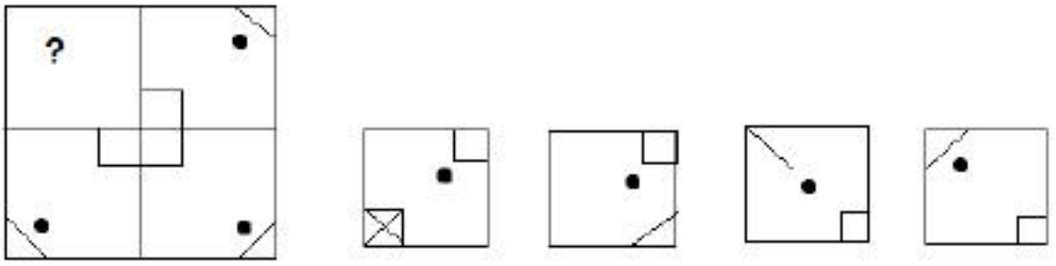
(X) (a) (b) (c) (d)

9.



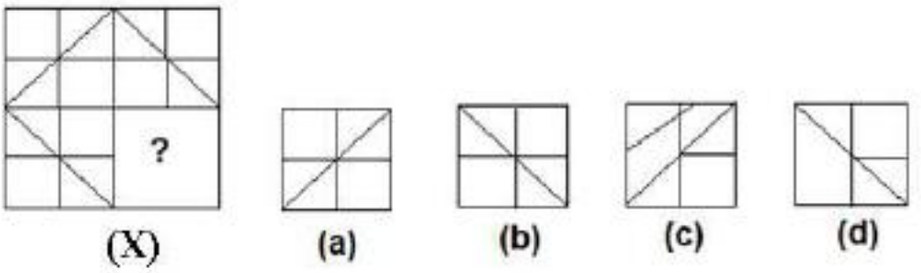
(X) (a) (b) (c) (d)

10.



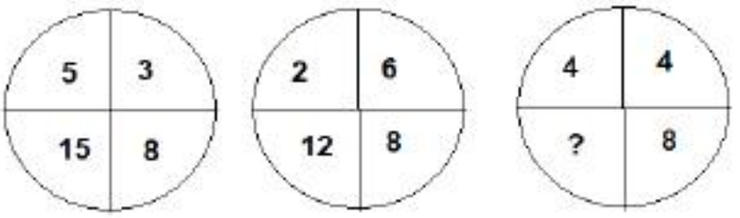
(X) (a) (b) (c) (d)

11.



[12-16] Find the missing number :

12.



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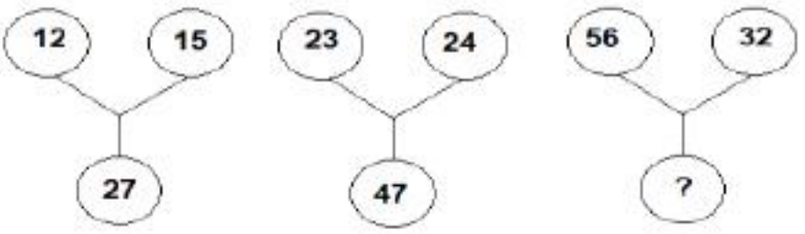
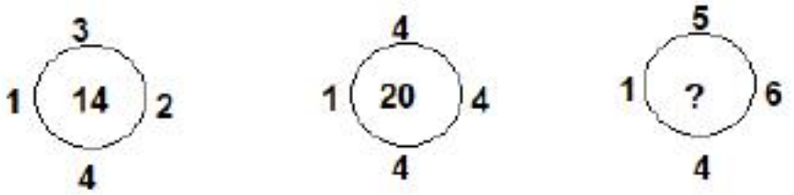
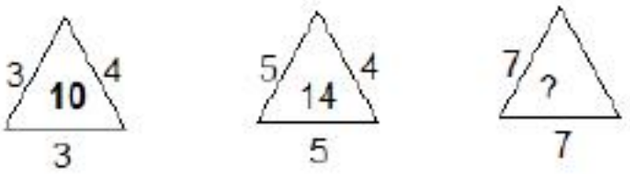


14.



15.



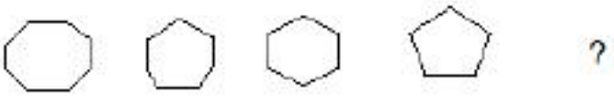
16.

3 [12] 4 5 [30] 6 4 [?] 5

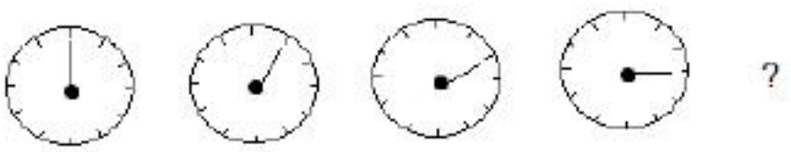
[17-20] Continue the pattern:

17.

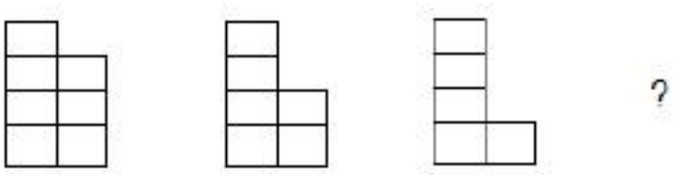
18.



19.



20.



[21-25] Write the next number of the series .

22. 3 , 6 , 12 , 24 , ___

23. 1 , 4 , 7 , 10 , ___

24. 20 , 17 , 14 , 11 , ___

25. 48 , 50 , 49 , 51 , ___

26. 5 , 10 , 15 , 20 , ___

[26 – 27] Find the next 2 alphabets in the sequence :

27. A , Z , B , Y , __ , __

28. A , C , E , G , __ , __

[28 – 30] Find the missing number :

29. | 3 | | 5 | | 8 | | 12 | | | | 23 |

30. 50 , 45 , __ , 35 , 30

31. 23 , 33 , 43 , __ , 63

32. 6:00 , 6:15 , 6:30 , 6:45 , ____ write the time.

33. Look at the pattern and find the hidden word :

2M 4A 6T 8H 10E 12M 14A 16T 18I 20C 22S

34. Write the sum of all the odd numbers between 0 and 10.

35. What is the 7^{th} number in the pattern if you are adding 6 each time starting from 2 ?

(HINT : 2,8,14,__,__,__,__)

[35-37] Arrange the given numbers in an increasing order to make a pattern :

35. 44 , 40 , 38 , 46 , 42 , 48 .

36. 40 , 70 , 60 , 30 , 50 , 20 .

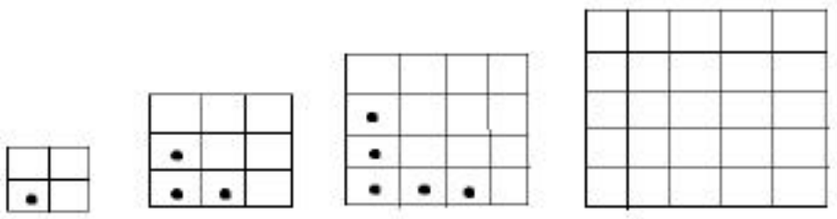
37. 15 , 21 , 30 , 27 , 18 , 24 .

38. What would be the 9^{th} number in the pattern shown below ?

10 , 20 , 30 , 40 , 50

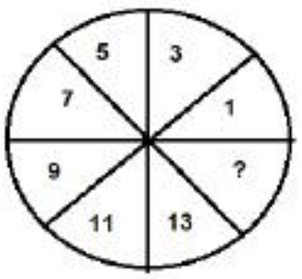
39. The sequence of figures shows a pattern. If the pattern repeats.

How many dots will the 4^{th} figure have ?

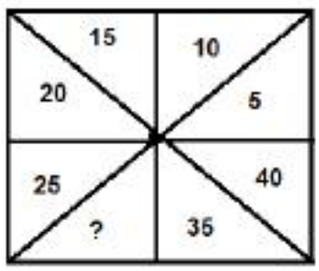


40. Find the missing number :

(a)



(b)



ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	F – 6	21.	48
2.	78	22.	13
3.	I – 2	23.	8
4.	Increasing	24.	50
5.	Repeating	25.	25
6.	Decreasing	26.	C , X
7.	c	27.	I , K
8.	d	28.	17
9.	b	29.	40
10.	d	30.	53
11.	a	31.	7:00
12.	16	32.	MATHEMATICS
13.	88	33.	25
14.	26	34.	38
15.	21	35.	38,40,42,44,46,48
16.	20	36.	20,30,40,50,60,70
17.		37.	15,18,21,24,27,30
18.		38.	90
19.		39.	7
20.		40.	(a) 15 (b) 30

CHAPTER-7

MONEY

Points to Remember

- **Money is generally accepted as payment for services and goods.**
- **Coins in circulation**

50p ₹1 ₹2 ₹5 ₹10 ₹20

- **Notes in circulation**

₹5 ₹10 ₹20 ₹50 ₹100 ₹200 ₹500

- **The symbol of Indian rupee is ₹**

  So, 5 rupees will be written as ₹5

  165 rupees will be written as ₹165

- **Conversion of rupees into paise**

  1 rupee = 100 paise

  Multiply the amount of rupees by 100.

  ₹9 = 9 × 100 = 900 paise

  ₹26 = 26 × 100 = 2600 paise

Questions

[1-5] Add the following amount:

1.

2.

3.

4.

5.

[6-10] Look at the price tag of objects and calculate the amount:

6. One bat and one ball-

7. One cap and one car-

8. 5 kites and 10 marbles-

9. One doll and one water bottle-

10. One badminton racket and two cars-

[11-13] Add the following amounts:

11. ₹28

\+ ₹16

---

12. ₹365

\+ ₹557

---

13. ₹46

₹89

\+ ₹52

[14-16] Substract the following amounts:

14. ₹38

\- ₹28

---

15. ₹148

\- ₹69

---

16. ₹100

\- ₹23

[17-21] Look at the price list of the fruits

Fruit	Price / kg	Fruit	Price / kg
Mango	₹ 150	Apple	₹ 100
Oranges	₹ 50	Grapes	₹ 120
Watermelon	₹ 30	Papaya	₹ 60

How much money is needed to buy the following?

17. **2 kg mango**
18. **One and a quarter kg apple**
19. **$1\frac{1}{2}$ kg papaya and 1 kg oranges**
20. **1 kg watermelon and $\frac{1}{2}$ kg grapes**
21. **$\frac{1}{2}$ kg all the fruits**

[22-24] If you save ₹20 everyday, how much money would you save in

22. **1 week**
23. **1 month (30 days)**
24. **1 year (365 days)**
25. **Rohit went to a restaurant and ordered**

How much amount he paid including ₹5 for tip?

[26-27Sonu has ₹200.

26. He decided to share it equally among 5 friends. How much money will each friend get?

27. If he buys a snack of ₹10 for each friend, then how much money will be left with him?

[28-29] A shop offers ₹10 discount on every ₹50 spent. If you buy items worth ₹150, then

28. How much discount will you get?

29. What will be your final bill?

30. Riya spent ₹300 on a book and ₹225 on a toy. Raj spent ₹250 on a ball and ₹350 on a puzzle. Who spent more money?

[31-35] You have ₹200. You want to break it in smaller notes/coins. How many notes/coins of the following amount can be made?

31. ₹50

32. ₹20

33. ₹10

34. ₹5

35. ₹2

36. **Convert into paise**

a) ₹56

b) ₹35

c) ₹40

d) ₹105

37. **Put >, < or =**

a) ₹500 ☐ ₹250 + ₹250

b) ₹70 + ₹5 ☐ ₹95 − ₹20

c) ₹140 − ₹30 ☐ ₹120 − ₹20

d) ₹400 + ₹50 ☐ ₹200 + ₹200 + ₹150

e) ₹150 + ₹50 + ₹50 ☐ ₹225

[38-41] Calculate

38. 2 ₹2 + 5 ₹5

39. 3 ₹5 + 4 ₹10

40. 3 ₹20 − 5 ₹5

41. 10 ₹10 − 4 ₹2

42. **3 pair of slippers cost ₹360. What is the cost of 1 pair of slippers?**

43. **One notebook costs ₹18. What is the cost of 7 notebooks?**

[44-50] Geeta purchased some grocery items from a departmental store. Calculate the amount for every item

Q. No.	Item	Quantity	Price / unit	Amount
44.	Chocolate	5	₹10	_____
45.	Soap	4	₹50	_____
46.	Shampoo	1 bottle	₹80	_____
47.	Tooth brush	3	₹50	_____
48.	Toothpaste	2	₹70	_____

49. What is the total bill amount for Geeta?

50. If Geeta pays ₹1000 to the shopkeeper, then how much change will she get?

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	₹16	26.	₹40
2.	₹57	27.	₹150
3.	₹180	28.	₹30
4.	₹625	29.	₹120
5.	₹360	30.	Raj
6.	₹250	31.	4 notes
7.	₹250	32.	10 notes
8.	₹110	33.	20 notes
9.	₹375	34.	40 notes
10.	₹700	35.	100 notes
11.	₹44	36.	(a) 5600 (b) 3500 (c)4000 (d) 10500
12.	₹922	37.	(a) = (b) = (c) > (d) < (e) >
13.	₹187	38.	₹29
14.	₹20	39.	₹55
15.	₹79	40.	₹45
16.	₹77	41.	₹92
17.	₹300	42.	₹120
18.	₹125	43.	₹126
19.	₹140	44.	₹50
20.	₹80	45.	₹200
21.	₹255	46.	₹80
22.	₹140	47.	₹150
23.	₹600	48.	₹140
24.	₹7300	49.	₹620
25.	₹110	50.	₹380

CHAPTER-6

TIME

Points To Remember

- **Time is measured in hours , minutes and seconds.**

  1 day = 24 hours

  1 hour = 60 minutes

  1 minute = 60 seconds

- **Time is represented as :- Hour : Minutes : Seconds**

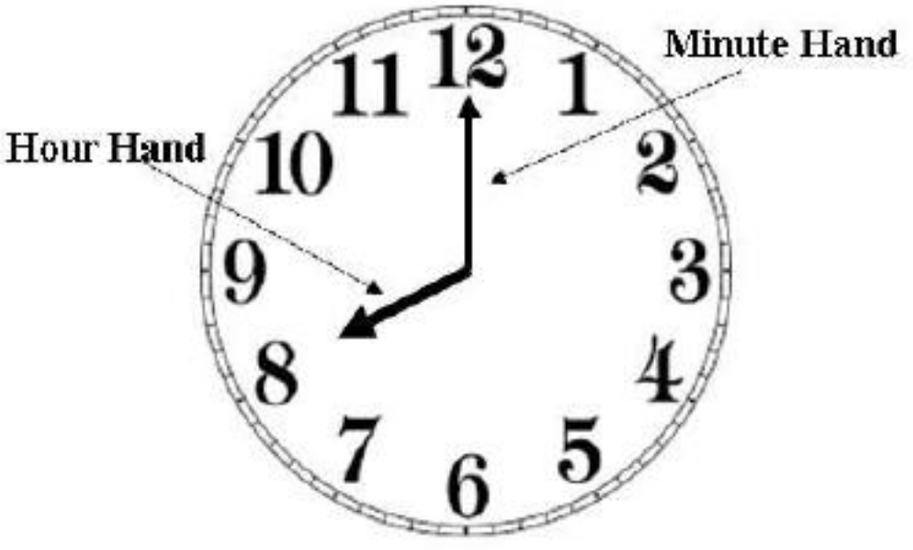
  06 : 35 : 20

- **Calendar Units :-**

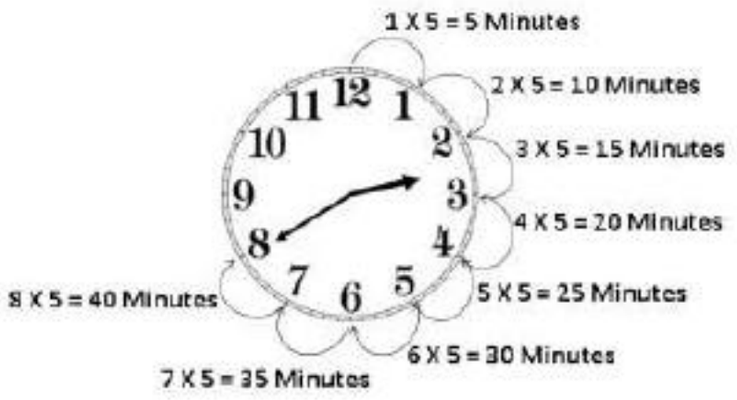
  1 year = 52 weeks

  1 year = 12 months

- **Clock**



- **Reading the time in clock**

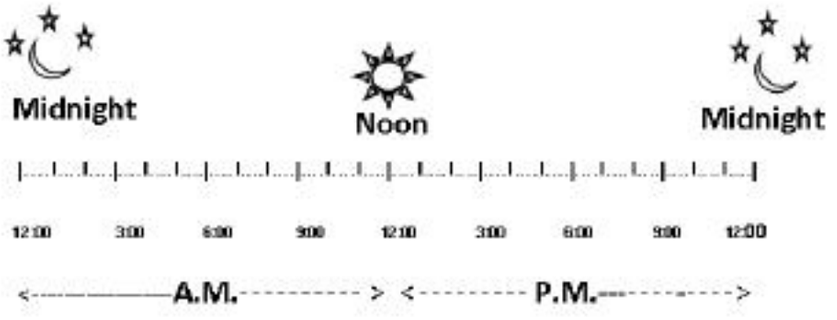


2:40 or 40 minutes past 2 or 20 minutes to 3.

- **Analogue clock only have 12 hours on them but there are 24 hours in each day .**
- **We use A.M. and P.M. in time.**

  A.M. means "before noon" (from midnight to to noon) .

  P.M. means "after noon" (from noon to midnight) .



Questions :-

[1-5] Read the clock and tell the time –

1.

2.

3.

4.

5.

[6-10] Calculate the time difference in both the clocks –

Q.No.	Starting time	End time	How much time
6.			_____

7.			_____
8.			_____
9.			_____
10.			_____

[11-16] Write the following duration of time with appropriate activity or event

Seconds	Minutes	Hours	Months	Days	Years

11. One period of your class _____

12. To switch on the light _____

13. For a plant to to grow as tree _____

14. To sprout a seed _____

15. To watch a T-20 cricket match _____

16. Your summer vacation _____

[17-19] Look at the figure of clock and give the answer -

17. What is the time on the clock?

18. What time will be after 2 hours and 30 minutes?

19. What time was 1 hour and 30 minutes ago?

20. How many minutes are there from 4 PM – 4:45 PM?

21. Your school lunch break starts at 10:30 AM and lasts for 20 minutes. At what time does it end?

22. How many minutes are there between 6 AM and 8 AM?

[23-27] Calendar of December 2024

December 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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				

23. What is the date on first Tuesday of the month?

24. What is the date on last Monday of the month?

25. How many Sundays are there in December 2024?

26. How many days are there in December 2024?

27. Which month comes before December?

[28-30] If today is Wednesday, then

28. What day will be the day after 3 days?

29. What day was 3 days before?

30. What will be the day after 1 week from now?

[31-34] Read the timeline of sanju's life and answer the following questions –

31. In which year Sanju was born?

32. When she took admission in Pre – school?

33. What was her age when her younger sister was born?

34. In which year she will be in class V?

[35-37] Write the dates in numerals –

35. 10 June 2021

36. 5 January 2012

37. 29 August 2024

[38-40] Write the date using the names of months –

38. 16/07/2020

39. 28/02/2024

40. 26/10/2015

[41-44] Put < , > or =

41. 2 weeks ☐ 15 days

42. 1 month ☐ 4 weeks

43. 3 weeks ☐ 25 days – 4 days

44. 1 week ☐ 10 days - 3 days

[45-50] Study the given calendar of 2024 and answer the following questions –

2024

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			

February

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		

March

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						

April

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				

May

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	

June

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						

July

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			

August

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

September

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					

October

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		

November

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

December

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				

45. How many months are there having 30 days ?

46. How many months are there having 31 days ?

47. Which two months are having 5 Saturdays and Sundays ?

48. 25 December (Christmas) falls on which day ?

49. How many total Sundays are there in 2024 ?

50. How many days are between 15 August and 2 October ?

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	3:00	27.	November
2.	Quarter to 6 or 5:45	28.	Saturday
3.	12:00	29.	Sunday
4.	Half past 7 or 7:30	30.	Wednesday
5.	Quarter past 8 or 8:15	31.	2014
6.	15 minutes	32.	2017
7.	20 minutes	33.	6 years
8.	1 hour or 60 minutes	34.	2024
9.	3 hours or 180 minutes	35.	10/06/2021
10.	2 hours 30 minutes or 150 minutes	36.	05/01/2012
11.	Minutes	37.	29/08/2024
12.	Seconds	38.	16 July 2020
13.	Years	39.	28 February 2024
14.	Days	40.	26 October 2015
15.	Hours	41.	<
16.	Months	42.	>
17.	2:30	43.	=
18.	5:00	44.	=
19.	1:00	45.	4 months
20.	50 minutes	46.	7 months
21.	10:50 AM	47.	March & June
22.	120 minutes	48.	Wednesday
23.	3 December	49.	52 Sunday
24.	30 December	50.	48 days
25.	5 Sundays		
26.	31 days		

CHAPTER-9

MEASUREMENT

Points to Remember

- **Measurement helps us to know the exact length, quantity or volume of a thing.**
- **Measurement of length and distance is done in centimetres (cm), metres (m) and kilometres (km) etc.**
- **Measurement of weight is done in grams (g) and kilograms (kg) etc.**
- **Volume is measured in mililitres (ml) and litres (l) etc.**
- **A half means one of two equal parts of a whole.**

2 halves = 1 whole

For example: 2 half grams = 1 gram

- **A quarter means one part of four equal parts of a whole.**

4 quarters = 1 whole

For example: 4 quarter cm = 1 cm

Questions

1. **How many half centimetres make 1 centimetre?**
2. **3 grams = ___ half grams**
3. **How many kilograms are there in 8 half kilograms?**
4. **How many quarter grams make 1 gram?**

5. 2 cm = ___ quarter cm

6. How many litres are there in 12 quarter litres?

[7-10] Find the missing term.

7. 4 kg = ____ half kg

8. __ kg = 10 half kg

9. 2 ml = ____ quarter ml

10. ___ cm = 16 quarter cm

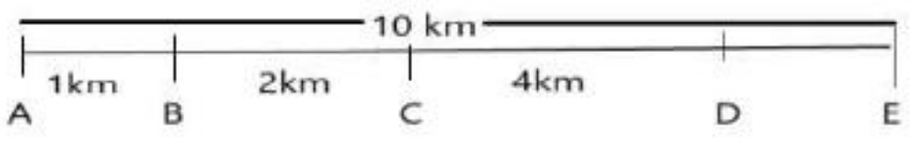
11. Mohit has a rope 2 cm long rope. How many such ropes would be needed to measure a road of length 12 cm?

12. Rohit wants to fill a 15 ml bucket with water. How many bottles of 3 ml will be needed to fill it?

13. Lavisha wants to run a 20 m race. How many steps will she have to run if her one step measures $\frac{1}{2}$ m?

14. Sonu has 8 boxes of quarter kg apples while Nonu has 10 boxes of half kg apples. How much more apples does Nonu have than Sonu?

[15-20] The following figure shows the distance between cities A, B, C, D and E. Observe the figure and find:



15. Distance between city A and city C.

16. **Distance between city A and city D.**

17. **Distance between city B and city D.**

18. **Distance between city D and city E.**

19. **Distance between city B and city E.**

20. **Distance between city C and city E.**

[21-25] Find the difference of weights between the box A and box B:

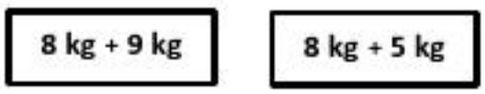
21.

A B

22.

A B

23.



A B

24.

A B

25.

A B

26. A jug contains 1500 ml water. How much more water should be added so that the jug contains total 2300 ml water?

27. There are 25 kg apples in a truck. How much more apples (in kg) are required so that there are total 38 kg apples in the truck?

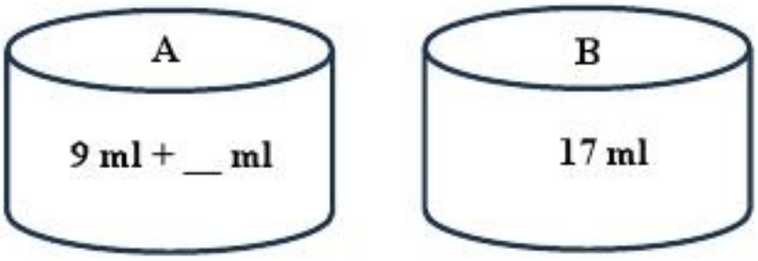
28. Raju has a 27 cm long piece of wood. He cuts a piece of 9 cm from it and throws it away. Find the length of remaining wood.

29. Aayushi has 30 kg biscuits. She takes out some biscuits from it and now only 17 kg biscuits are left. How much biscuits did she take out?

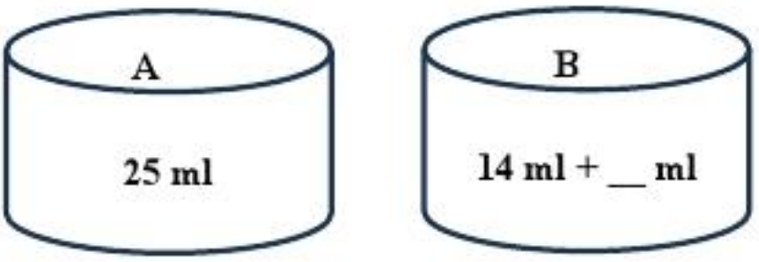
30. Shubham has two bottles which contain milk. Bottle A contains 15 ml milk while bottle B contains 17 ml milk. Find the total quantity of milk in both the bottles.

[31-35] Find the missing term if vessel A and vessel B have the same quantity of water:

31.



32.



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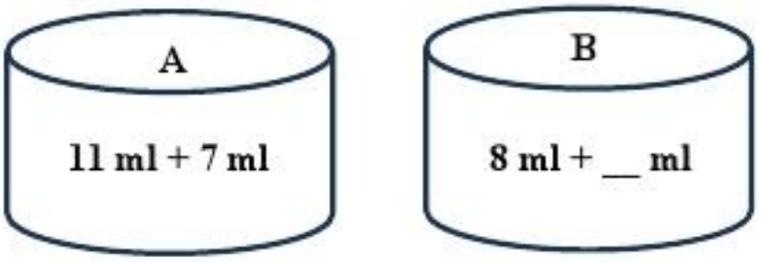
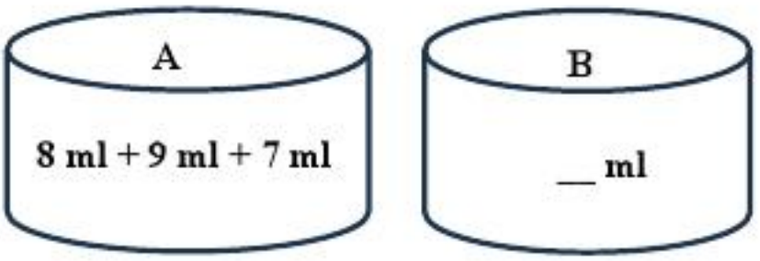


34.



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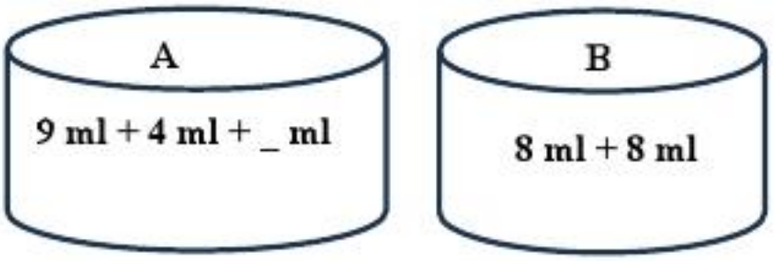


ANSWERS:

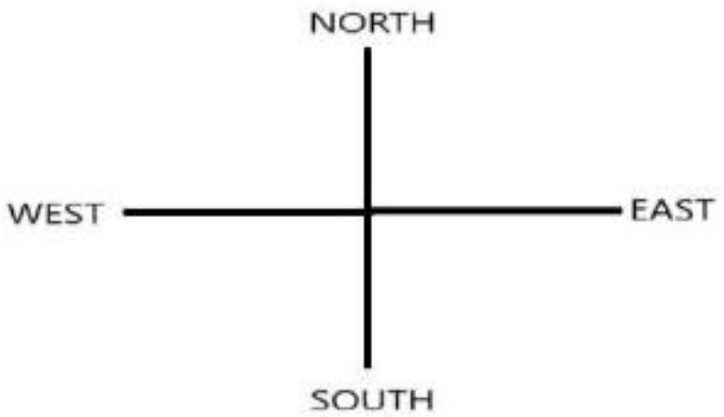
	Answers	Q. No.	Answers
1.	2	19.	8 km
2.	6	20.	7 km
3.	4	21.	2 kg
4.	4	22.	5 kg
5.	8	23.	4 kg
6.	3	24.	9 kg
7.	8	25.	5 kg
8.	5	26.	8 ml
9.	8	27.	13 kg
10.	4	28.	18 cm
11.	6	29.	13 kg
12.	5	30.	32 ml
13.	40	31.	8
14.	3 kg	32.	11
15.	3 km	33.	10
16.	7 km	34.	24
17.	5 km	35.	3
18.	3 km		

CHAPTER-10

DIRECTIONS

Points To Remember

- **There are four main directions i.e; East, West, North and South.**

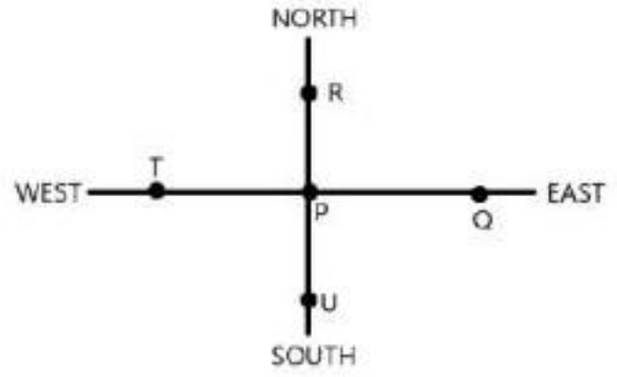


- **<u>Direction of a shadow</u>**
  - **At the time of sunrise, the shadow of an object is always in the west.**
  - **At the time of sunset, the shadow of an object is always in the east.**
  - **At 12:00 noon, there is no shadow.**

Questions

1. **In the morning Ramesh is facing the sun. In which direction is Ramesh facing?**
2. **In the evening Sonam is facing the sun. In which direction is Sonam facing?**

[3-8] Observe the figure and answer the following questions:

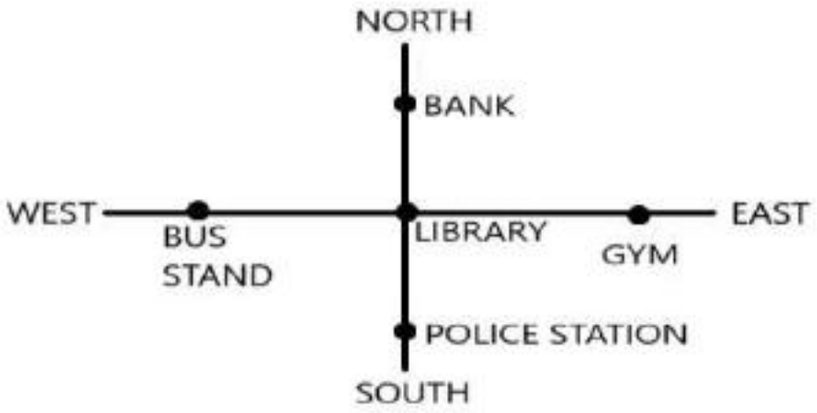


a. **Which point is in the north direction of P?**
3. **Which two points are in the west direction of Q?**
4. **Which point is in South direction of P?**
5. **What is the direction of T with respect to P?**
6. **Find the direction of U with respect to R?**
7. **Find the direction of R with respect to U?**
8. **Ajay walks 3km towards east and then turns right. Which direction is he facing now?**
9. **Madhuri walks 5km towards north and then turns left. Which direction is she facing now?**
10. **Ravi is walking towards South. He turns left and after walking for a few minutes, he again turns left. In which direction is he moving now?**
11. **Rishabh and Surender are facing each other. If the face of Rishabh is towards east, then towards which direction is Surender facing?**

12. **Meenu and Manish are facing opposite to each other. If the face of Meenu is towards South, then towards which direction is Manish facing?**

13. **At the time of sunrise, Ankur and Harsh are facing each other. If the face of Harsh is towards the sun, then in which direction is Ankur facing?**

[15-19] Observe the given figure and answer the following questions:



14. **In which direction is the bus stand from the gym?**

15. **Khushi is at the library. In which direction she should move to reach police station?**

16. **What is the direction of Bank with respect to the police station?**

17. **Madhur and Riyansh are facing each other. They both are at the library. If Madhur is facing towards the Police station, then what is Reyansh facing towards?**

18. **Vedanshi is going to library from Bank. After reaching library she turns right. In which direction is she moving now?**
19. **Nonu walks 5km towards north. He turns right and walks 3km. He again turns right, walks 5km and stops. Find the distance between his starting point and ending point.**
20. **Pari walks 10km towards east. She then turns towards west and walks 8km. Find the distance between her starting point and ending point.**

[22-26] What will be the direction of minute hand of a clock at the following time?

21. **06:30 a.m.**
22. **12:45 p.m.**
23. **01:00 p.m.**
24. **03:15 a.m.**
25. **04:00 p.m.**
26. **At the time of sunrise Aayush is facing towards north. In which direction will his shadow be?**
27. **At the time of sunset Pihu is facing towards South. In which direction will her shadow be?**

[29-33] Observe the figure and answer the following questions

28. **Who is in the north of Bharat?**
29. **Who is in the south of Manisha?**
30. **In which direction is Kiran with respect to Aisha?**
31. **What is the direction of Ritu with respect to Pooja?**
32. **Who is in the east of Sumit?**
33. **Sanjay started moving towards south direction. He turns left and after moving for a few minutes he again turns left. In which direction is he moving now?**

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	East	18.	Bank
2.	West	19.	West
3.	R	20.	3 km
4.	P,T	21.	2 km
5.	U	22.	South
6.	West	23.	West
7.	South	24.	North
8.	North	25.	East
9.	South	26.	North
10.	West	27.	West
11.	North	28.	East
12.	West	29.	Sumit
13.	North	30.	Raj
14.	West	31.	North
15.	West	32.	West
16.	South	33.	Kiran
17.	North	34.	North

CHAPTER-11

DATA HANDLING

Points to Remember

- **PICTOGRAPH :- A pictograph is type of graph that use pictures or symbols to represent the data.**
- **TALLY MARKS :- Tally marks are an easy way to keep track of the data collected in survey.**

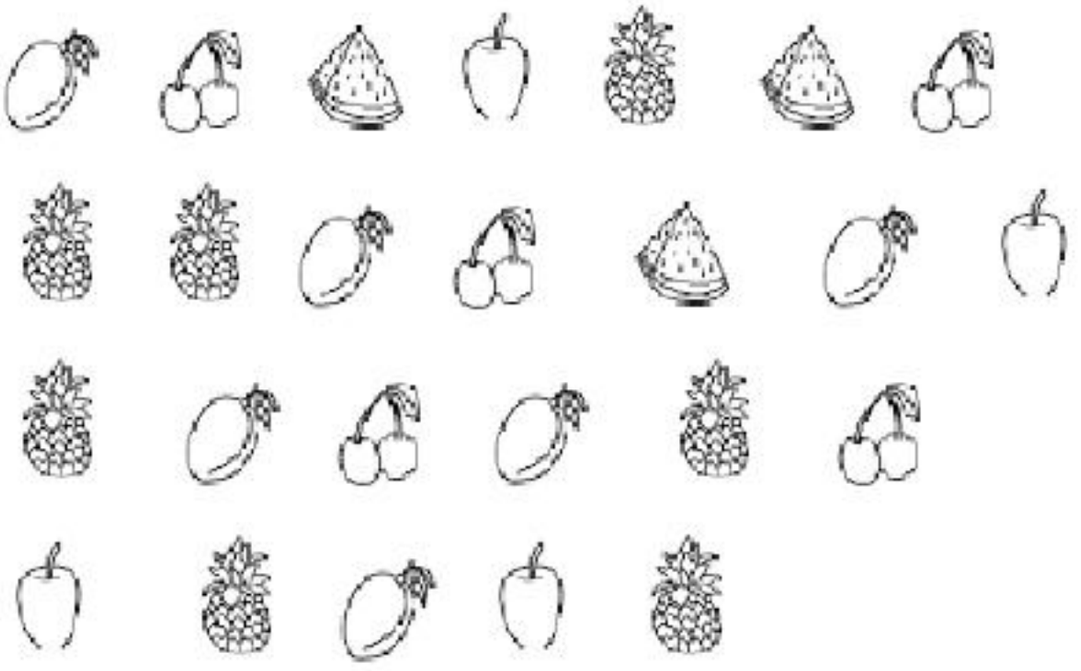
  We draw vertical line for each count

  | | || | |||| ⧹ |||| | ⧹ |||| |||| || | ⧹||| |||

  1 2 3 4 5 6 7 8 .....and so on.

Questions :-

[1-5] Look at the pictures of fruits given below -



Count and write the number of each fruit –

1.  _____

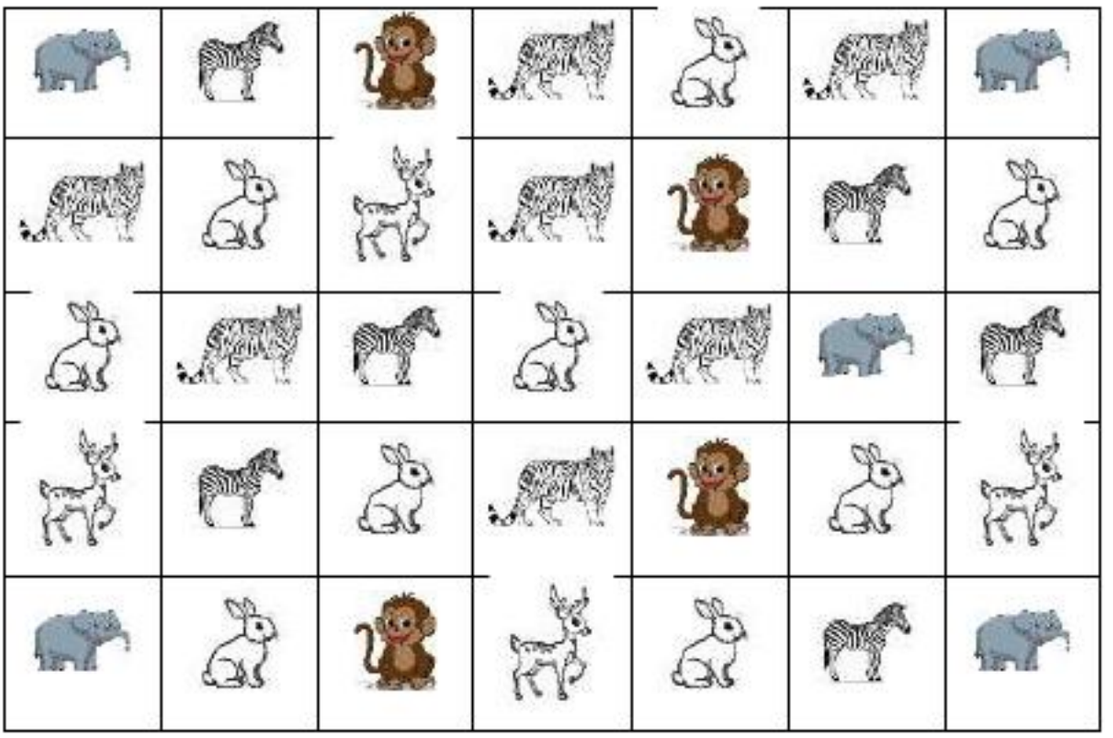
2.  _____

3.  _____

4.  _____

5.  _____

[6-11] Look at the pictures of animals given below –



Count and write the number of each animal –

6. **Elephant** _____
7. **Deer** _____
8. **Rabbit** _____
9. **Monkey** _____
10. **Zebra** _____
11. **Tiger** _____

[12-16] Read the following table that shows the number of absent students in class III and answer the following questions –

DAY	No. of absent students
Monday	3
Tuesday	4
Wednesday	2
Thursday	0
Friday	2
Saturday	5

12. **On which day were the maximum number of students absent?**
13. **On which day no student was absent in the class?**
14. **How many students were absent on Tuesday?**
15. **On which two days equal no. of students were absent?**
16. **How many students were absent in the whole week?**

[17-21] The pictograph below shows the favourite subject of students in a class. Read the pictograph and answer the questions - ☺ **= 1 Student**

Subject	No. of students who like the subject
English	☺☺☺☺☺☺☺☺
Hindi	☺☺☺☺☺☺☺☺☺☺
Maths	☺☺☺☺☺☺☺☺☺☺
EVS	☺☺☺☺☺☺☺☺☺☺☺☺

17. Which is the most popular subject?

18. Which is the least popular subject?

19. How many students like EVS?

20. What is the total no. of students?

21. Which two subjects are equally liked by the students?

[22-26] The following table shows the favourite snacks item of Children –

Name of snacks item	No. of children who like snacks
Burger	7
Chips	4
Ice-cream	6
Pizza	8
Samosa	5

Present the above information in tally marks –

Q.No.	Name of snacks item	Tally marks
22.	Burger	
23.	Chips	
24.	Ice-cream	
25.	Pizza	
26.	Samosa	

[27-32] Shreya conducted a survey among 45 people asking them how many pairs of shoes they have? She marked her observations using tally marks. Find the no. of people for each tally mark .

Q.No.	No. of pair of shoes	Tally mark	No. of people
27.	1	𝍸	
28.	2	𝍸 |	
29.	3	𝍸 𝍸	
30.	4	𝍸 𝍸 |||	
31.	5	𝍸 ||	
32.	6	𝍸	

[33-35] If  **stands for 2 ice-creams, then tell the total no. of Ice-creams.**

33.  **34.**  **35.** 

[36-40] The pictograph below shows the favourite colour of children.

Colour	No. of children
Black	☺ ☺ ☺
Pink	☺ ☺ ☺ ☺
Red	☺ ☺ ☺
White	☺ ☺
Blue	☺

☺ = 3 Children

34. How many children like white colour?

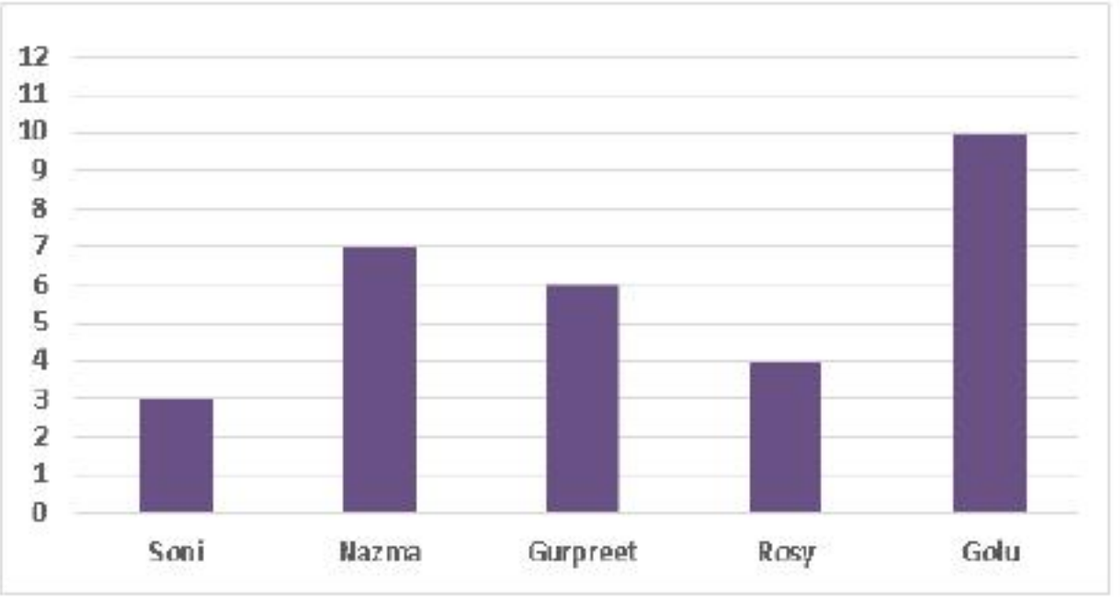
35. How many more children like red colour than blue colour ?

36. Which colour is liked by most children?

37. Which colour is liked by least children?

38. How many children were surveyed in total?

[41-45] The following bar graph shows the number of story books each of five children have.



41. Who has the least no. of books?

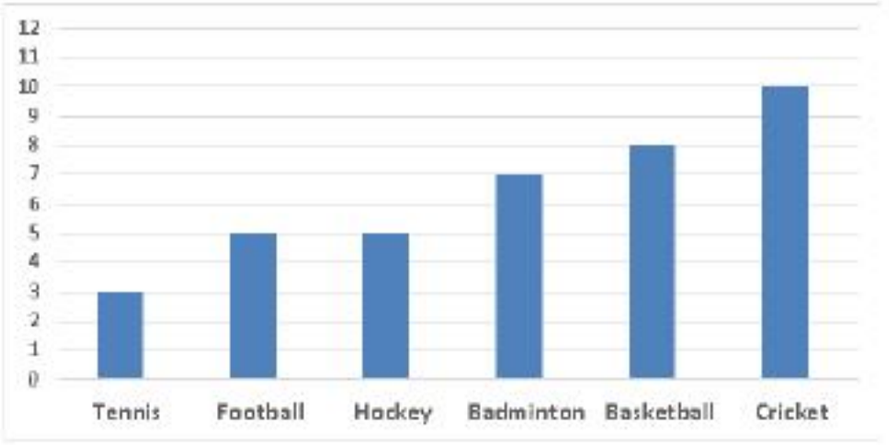
42. How many books do Golu and Gurpreet have all together?

43. How many more books does Golu have than Soni?

44. Who has more than 5 but less than 10 books?

45. How many books do all five children have in total?

[46-50] The following bar graph shows the favourite sports of student of a class. Read the bar graph and answer the questions –



46. Which two sports are most liked by the students?

47. Which sport is least liked by the students?

48. Which two sports are equally liked by the students?

49. How many students like cricket?

50. How many total students are in the class?

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1.	6	26.	𝍸
2.	4	27.	4
3.	3	28.	6
4.	5	29.	10
5.	7	30.	13
6.	5	31.	7
7.	9	32.	5
8.	6	33.	4
9.	4	34.	10
10.	4	35.	1
11.	7	36.	6 children
12.	Saturday	37.	6 children
13.	Thursday	38.	Pink
14.	4 students	39.	Blue
15.	Wednesday & Friday	40.	39 children
16.	16 students	41.	Soni
17.	EVS	42.	16 books
18.	English	43.	7 books
19.	12 students	44.	Nazma and Gurpreet
20.	40 students	45.	30 books
21.	Hindi and Maths	46.	Cricket and Basket ball
22.	𝍸 II	47.	Tennis
23.	IIII	48.	Football and Hockey
24.	𝍸 I	49.	10 students
25.	𝍸 III	50.	38 students

CHAPTER-12

RIDDLES

Points to Remember

Questions

1. Crossword puzzle

15	+	a	=	36						35
		+		÷						+
f	−	9	=	3				e		d
×		=		=				÷		=
6		30		b	×	5	=	c		
=						=				
72		24	−	g	=	14				5
		+		×						×
81	÷	i	=	h						9
		=		=						=
		33		90	−	45	=	j		

2. Colour as directed

5	29	62	341	4
17	7	245	2	532
84	643	19	484	92
469	6	704	1	81
8	820	66	13	3

a) 1 digit odd numbers - yellow

b) 1 digit even numbers – orange

c) 2 digit odd numbers – blue

d) 2 digit even numbers – green

e) 3 digit odd numbers – pink

f) 3 digit even numbers – red

3. I am a 3 digit number. I have 6 in my ones place. The other two digits are 2 and 7. I am less than 600. Who am I?
4. I am a 3 digit number. My second digit is four times bigger than my third digit and my first digit is three less than my second digit. What number am I?
5. I am a two digit number. I have 7 in my ones place. I am less than 60 but greater than 50. Who am I?
6. If △= 3, □ = 7, ○ = 1 and ◇ = 5

then find

a. △ + □ + △ =

b. ◇ + △ + ○ =

c. □ + ○ + ◇ =

d. △ + □ + ○ =

e. □ - △ + ○ =

7. **Complete the number track puzzle. Each number in the number track is made by adding previous two numbers.**

For example

5	3	8	11	19

a.

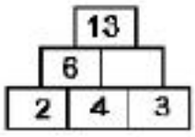
b.

c.

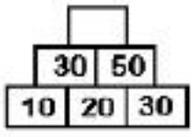
4		7		
10		30		
2		8		

8. **Complete the number tower:**

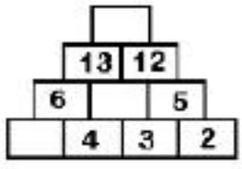
a)



b)



c)



9. **Two brothers have two cows. How many legs are there including animals and humans?**
10. **I am half of number of days in 2 weeks. What number am I?**
11. **I am greater than 9×5 and less than 10×5. My ones place digit is 9. What number am I?**
12. **What is the product when you multiply all one digit numbers from 0 to 9?**

13. Manu picks up 3 one digit numbers. He adds and multiplies these numbers separately and gets the same result. What are these three numbers?
14. I am an odd number. If you substract 5 from me, you get 10. What number am I?
15. I am a 2 digit number. If you double me and then add 10, the result is 30. What number am I?
16. When Meeta was six years old, her little sister was half of her age. Meeta is 40 years old now. How old is her sister?
17. A family has 3 sons and each of them has one sister. How many kids does this family have in total?

[18-22] Who am I?

18. I am a 2 digit number. If you reverse my digits, I am still the same number. I also have horizontal symmetry. (Hint: number between 81 and 90)
19. I have three sides. Fold me in half and both sides will meet.
20. I have four equal sides and four corners too. If you fold me in half both halves will match like glue.
21. I have no corners, yet I am not a circle, I roll with ease, but I have no wheels.
22. If you count my sides, you will find three, who could I be?

23. A clock rings every two hours. If it rings at 8:00 am, then at what time will it ring next?

24. Radha has as many apples as there are months in a year. How many apples does she have?

25. Which month has 28 days in it?

26. I am less than 15, but more than 10. You can find me by adding 10 to 3. What number am I?

[27-28] Arrange the digits using ×, +, ÷ or − in such a way that you get the number at the end

For example

27.

28.

ANSWERS:

Q. No.	Answers	Q. No.	Answers
1	(a)21		(c)6,14,22
	(b)12	8	(a)7
	(c)60		(b)80
	(d)25		(c) (i)2
	(e)70		(ii)7
	(f)12		(iii)25
	(g)10	9	12 legs
	(h)9	10	7
	(i)9	11	49
	(j)45	12	0
2	(i)1,3,5,7	13	1,2 and 3
	(ii)2,4,6,8	14	15
	(iii)13,17,19,29,81	15	10
	(iv)62,66,84,92	16	37 years
	(v)245,341,469,643	17	4 kids (three sons have one common sister)
	(vi)484,532,704,820	18	88
3.	376	19	Equilateral triangle
4.	141	20	Square
5.	57	21	Sphere
6	(a)13	22	Triangle
	(b)9	23	10:00 am
	(c)13	24	12 apples
	(d)11	25	All 12 months
	(e)5	26	13
7	(a)3,10,17	27	$7 \times 2 - 8$
	(b)20,50,80	28	$8 \div 4 + 5$

मैंटल मैथ्स

MENTAL MATHS

DIRECTORATE OF EDUCATION, GOVT.OF N.C.T.OF DELHI

पढ़े चलो बढ़े चलो