Delhi Public School Gandhinagar

Academic session (2026-27)

Class: III

Study Material

AUGUST: 2026

Subject:Maths

DELHI PUBLIC SCHOOL, GANDHINAGAR CLASS: 3

SUBJECT: MATHS

Academic Session :2026-27

CHAPTER: 7 Geometry

Exercise 7.3

1. Fill in the blanks.

a. The three dimensions in a solid shape are known as **length**, **width** and **height.**
b. The point at which two edges meet is known as **vertex.**
c. The line at which the faces meet is called **edge.**
d. A cuboid has **6** faces, **12** edges and **8** vertices.

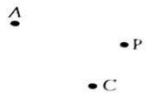
2. Complete the table.

	faces	edges	vertices
Cube	6	12	8
Sphere	1 curved	0	0
Cone	1 flat, 1 curved	1	1
Cuboid	6	12	8
Cylinder	2 flat, 1 curved	2	0

Point, Line, Line Segment and Ray

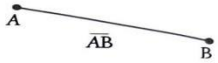
Scientific Proficiency | Conceptual understanding | IMD

A *point* is an exact location on a plane represented by a dot. A point is always referred by a capital letter, say point A, B, P, C.

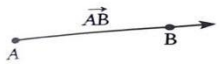


A *line* is a straight path which can be extended in both directions. A line is represented by a small letter, say e.

A *line segment* is a part of a line which has a starting point and an ending point. It is represented by two capital letters, say, $\overline{AB}$.



A *ray* is a part of a line which has a starting point but no ending point. It is also represented by two capital letters, say, AB but with a different symbol above the letters.



The starting point of a ray is always read first.

Exercise 7.4

1. Fill in the blanks.

a. A **point** is an exact position or location on a plane surface.

b. A figure which has only length but no width and can be extended endlessly in both directions is a **line.**

c. A portion of line which has two end points is called a **line segment.**

d. The following diagram is represented as ray $\overrightarrow{AB}$

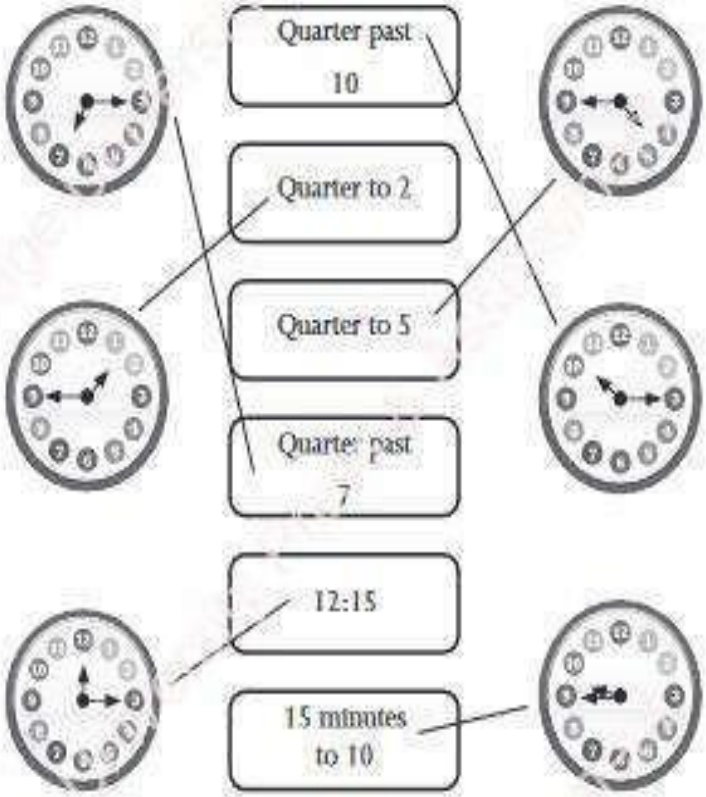
e. A ray is a part of a **line.**

2. Take a square dot grid sheet and draw a line segment, a curved line, slanted/diagonal lines using different coloured sketch pens. (**To be done in practice notebook)**

CHAPTER 10 TIME

Exercise 10.1

1.



2. a.

Quarter past 9

b.

15 minutes to 7

c.

6: 15

d.

15 minutes past 1

e.

4:45

f.

Quarter to 4

Exercise 10.2

1. Read the clocks and write the time correctly.

a. 

8:20

b. 

5:50

c. 

12:10

d. 

10:40

e. 

5:55

f. 

11:35

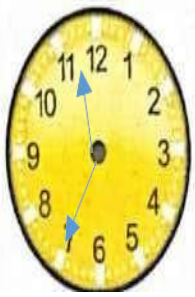
2. Read the statements and draw the hands showing the end time on the clock face.

John's class begins at 8 o'clock. The class is 35 minutes long. When will his class be over?

Jaideep works in his garden for 30 minutes every day. He starts at 5 o'clock. At what time will he finish his work?

Rita goes swimming at 4 o'clock. She swims for 45 minutes. When does her class end?

Manisha is baking a cake for the family. She kept the batter in the oven at 11 o'clock. It will take 35 minutes to cook. When will it be ready?

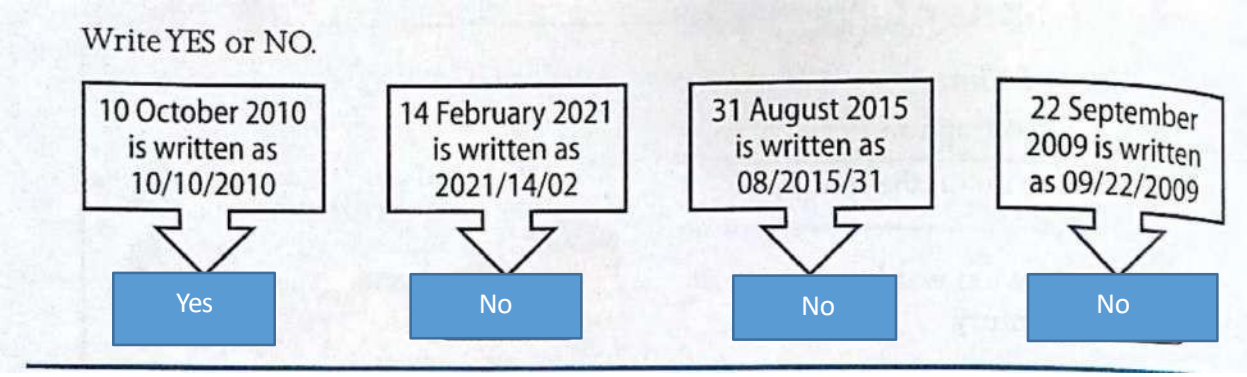


Exercise 10.3

Refer to the calendar and answer the following questions.

1. How many days are there in the month of May 2022?
   31 days
2. The number of Tuesdays in the whole month is 5
3. What is the date on the third Friday of the month?
   20th May
4. What date is the fourth Thursday of the month? 26th May
5. How many Sundays are there in the month of May? 5
6. What is the day on the 1st of May 2022? Sunday
7. Which month comes after May? June
8. On which dates do the second and fourth Saturdays fall? 14^{th} May, 28^{th} May

Exercise 10.4



Reflection:

I have learnt: -

- Quarter past and quarter to.
- Telling time to 5 minutes correctness.
- Writing date.
- Calendar

COMPETENCY BASED QUESTIONS:

QI Choose the correct option

1. 18 July 2014 is written as:

   a) 07/18/2014 b) 18/07/2014 c) 2014/07/18 d) 2014/18/07

2. When showing the sign of quarter past, the minute hand completes how many quarters of the clock?

   a) 1 b) 2 c) 3 d) 4

QII. Answer in one word:

3. The Sharma family is planning to watch a cartoon movie together on Sunday evening.The movie starts at **6:00 pm.** The total running time of the movie is **2 hours**. Find the End time.

   Ans. 8:00 pm

4. Mini planted a sunflower seed in a pot. He checked his wall calendar and noted down the dates of its growth:

   The seed was planted on **March 3rd**.

   The first green shoot popped out of the soil on **March 12th**.

   How many days did the seed take to sprout and show its first shoot? *(Do not count March 3rd itself).*

   Ans. 9 days

QIII. Solve the following:

5. Simran has to take her cough medicine for 5 days. The 5^{th} day will end on 25^{th} January. On which date, should she start taking the medicine?

   Ans. 21 January

6. The hour hand is a little before the 11, and the minute hand is on the 9. What is the time?

   Ans. 10:45

QIV. Case Study:

7. **The Scenario: Chiku's Sunday Plan**

   Chiku the monkey is very excited about his Sunday plan. He wants to go to the jungle playground to play with his friends.

   He looks at the clock on his wall. The **short hand (hour hand)** is pointing exactly at **4**, and the **long hand (minute hand)** is pointing exactly at **12**.

His mother told him, *"You must return home by 5:30 pm for dinner."*

i) What time is it on Chiku's wall clock right now?

Ans. 4:00 or 4 o'clock.

ii) If Chiku leaves for the playground immediately and must be back by 5:30 pm, how much total time does he get to play?

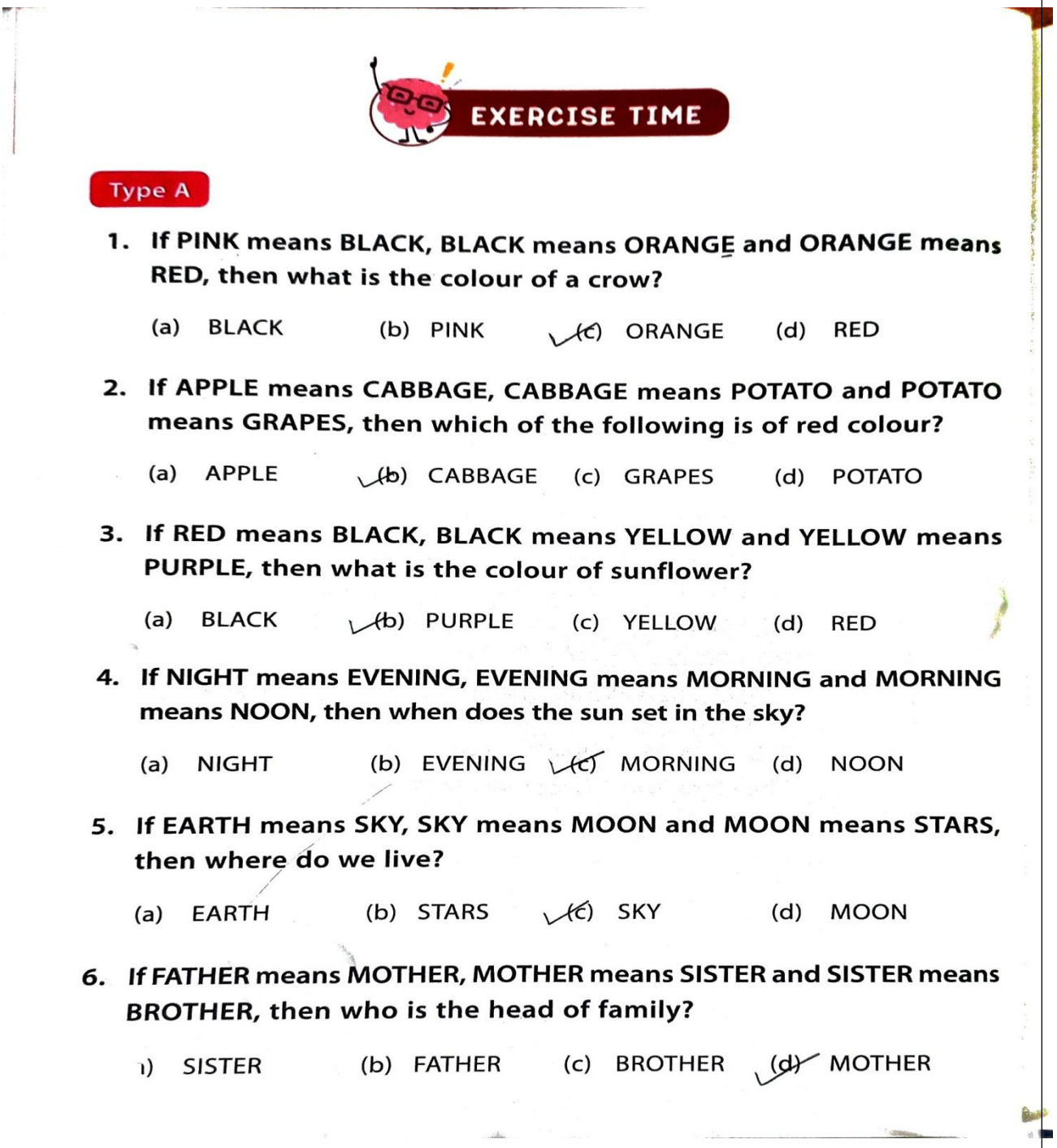
Ans.1 hour and 30 minutes (or 90 minutes).

iii) Chiku's favorite game, "Banana Chase," takes exactly 45 minutes to play. If he starts playing this game at 4:15 pm, will he be finished before his 5:30 pm dinner deadline? Explain your answer.

Ans.Yes, he will finish at 5:00 pm, which is well before 5:30 pm.

Thinking Skills:

Chapter-3 Coding and Decoding



EXERCISE TIME

Type A

1. **If PINK means BLACK, BLACK means ORANGE and ORANGE means RED, then what is the colour of a crow?**

   (a) BLACK (b) PINK ✓(c) ORANGE (d) RED

2. **If APPLE means CABBAGE, CABBAGE means POTATO and POTATO means GRAPES, then which of the following is of red colour?**

   (a) APPLE ✓(b) CABBAGE (c) GRAPES (d) POTATO

3. **If RED means BLACK, BLACK means YELLOW and YELLOW means PURPLE, then what is the colour of sunflower?**

   (a) BLACK ✓(b) PURPLE (c) YELLOW (d) RED

4. **If NIGHT means EVENING, EVENING means MORNING and MORNING means NOON, then when does the sun set in the sky?**

   (a) NIGHT (b) EVENING ✓(c) MORNING (d) NOON

5. **If EARTH means SKY, SKY means MOON and MOON means STARS, then where do we live?**

   (a) EARTH (b) STARS ✓(c) SKY (d) MOON

6. **If FATHER means MOTHER, MOTHER means SISTER and SISTER means BROTHER, then who is the head of family?**

   ı) SISTER (b) FATHER (c) BROTHER ✓(d) MOTHER

7. **If MUMBAI means DELHI, DELHI means SHIMLA and SHIMLA means PATNA, then where is Qutb Minar situated?**

(a) MUMBAI (b) DELHI (c) SHIMLA (d) PATNA

8. **If SOIL means AIR, AIR means WATER and WATER means NOISE, then which of the following is polluted by water pollution?**

(a) SOIL (b) AIR (c) WATER (d) NOISE

9. **If CIRCLE means SQUARE, SQUARE means TRIANGLE and TRIANGLE means RECTANGLE, then which of the following is a three-sided figure?**

(a) CIRCLE (b) RECTANGLE (c) TRIANGLE (d) SQUARE

10. **If JANUARY means FEBRUARY, FEBRUARY means APRIL and APRIL means OCTOBER, then which of the following months has 30 days?**

(a) FEBRUARY (b) MARCH (c) OCTOBER (d) APRIL

11. **If MANGO means APPLE, APPLE means GRAPES and GRAPES means PAPAYA, then which of the following fruits is the smallest in size?**

(a) MANGO (b) APPLE (c) PAPAYA (d) GRAPES

12. **If**  **means**  **,**  **means**  **and**  **means**  **, then which of the following is an oval?**

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

13. **If GLASS means PLATE, PLATE means SPOON and SPOON means BUCKET, then which of the following is used for drinking water?**

(a) BUCKET (b) SPOON (c) PLATE (d) GLASS

14. **If NOSE means EYE, EYE means HAND and HAND means ARM, then which of the following body parts is used for seeing things?**

(a) NOSE (b) EYE (c) HAND (d) ARM

15. **If LEGS means EYES, EYES means HANDS and HANDS means ARMS, then which of the following body parts are used for walking?**

(a) LEGS (b) EYES (c) HANDS (d) ARMS

16. **If NOTEBOOK means PENCIL, PENCIL means ERASER and ERASER means SHARPENER, then which of the following is used for erasing something?**

(a) NOTEBOOK (b) PENCIL (c) ERASER (d) SHARPENER

17. **If LION means COW, COW means RAT and RAT means DOG, then who gives us milk?**

(a) LION (b) COW (c) RAT (d) DOG

18. **If MONDAY means TUESDAY, TUESDAY means THURSDAY and THURSDAY means FRIDAY, then which of the following is the first day of the week?**

(a) MONDAY (b) TUESDAY (c) FRIDAY (d) THURSDAY

19. If HOSPITAL means SCHOOL, SCHOOL means COURT and COURT means SHOP, then where do you go to study?

(a) SCHOOL (b) HOSPITAL (c) COURT (d) SHOP

Type B

20. If  means  ,  means  and  means  , then which of the following do you use when it is raining?

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

21. If  is called  ,  is called  and  is called  , then which of the following vehicles should you use for exercising?

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

22. If  means  ,  means  and  means  , then which of following is the biggest animal?

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

Type C **Look at the given tables of letters and their respective codes. Using these tables, code or decode the given words and symbols.**

Letter	Code
A	0
B	1
C	2
D	3
E	4
F	5
G	6
H	7
I	8
J	9
K	+
L	–
M	×

Letter	Code
N	%
O	&
P	$
Q	#
R	=
S	<
T	>
U	@
V	!
W	{
X	}
Y	[
Z	]

23. CLASS

(a) 2<0{}

(b) 2–0<<

(c) 290>>

(d) 2+1==

24. LUNCH

(a) –@%27 (b) +–$27

(c) –!%[]@ (d) *&27

25. SPOON

(a) <%$&& (b) <&$$%

(c) <$&&% (d) 9–&&#

26. –&>@<

(a) LAKES (b) LOGIC

(c) LOTUS (d) LUCKY

27. <27&&–

(a) SHAPES (b) SCHOOL

(c) SAILOR (d) SALIVA

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JULY: 2026

Subject:Maths

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3 **SUBJECT: MATHS**

CHAPTER- 3

SUBTRACTION (CONTINUED IN JULY)

Academic Session 2026-27

Properties of Subtraction (ONLY EXPLANATION)

If we subtract zero from a number, then the answer is the number itself. For example, 2324-0 = 2324.

If we subtract a number from the same number, then the answer is always zero '0'. For example, 6435-6435 = 0.

If we subtract 1 from a number, then the answer is the predecessor of the given number. For example, 2499 – 1 = 2498.

Exercise 3.6

1. Solve the following.

a. 950 – 950 = **0**

d. 4000 – 0 = **4000**

e. 1276 – 1 = **1275**

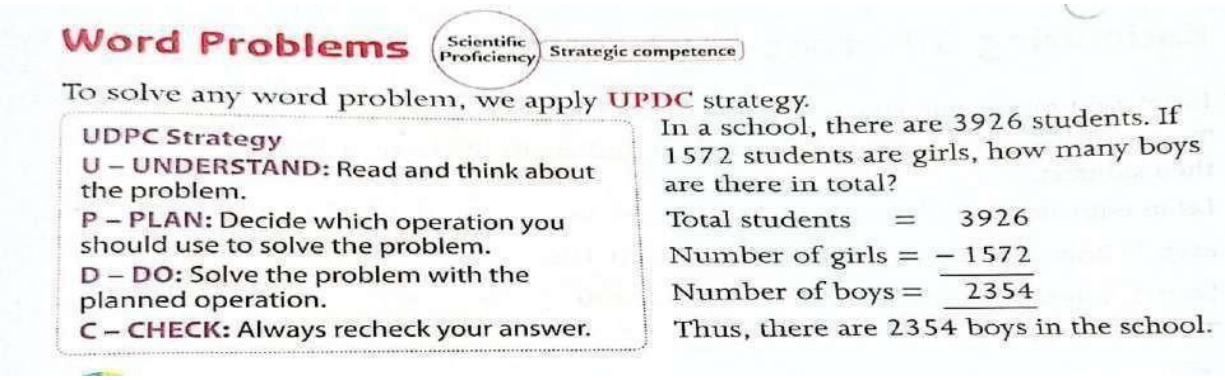
2. **State True or False.**

a. 6050 – 6050 = 6050 **False**

d. 2097 – 2097 = 0 **True**

f. 9999 – 1 = 9999 **False**

Exercise:3.7(Omitted)



Word Problems

Scientific Proficiency | Strategic competence

To solve any word problem, we apply UPDC strategy.

UDPC Strategy

U – UNDERSTAND: Read and think about the problem.

P – PLAN: Decide which operation you should use to solve the problem.

D – DO: Solve the problem with the planned operation.

C – CHECK: Always recheck your answer.

In a school, there are 3926 students. If 1572 students are girls, how many boys are there in total?

Total students = 3926

Number of girls = − 1572

Number of boys = 2354

Thus, there are 2354 boys in the school.

Exercise 3.8

1. There are 245 bird families living near the mountains. If 132 bird families flew away for the winter, how many bird families are left near the mountains?

Solution:

Number of bird families living near the mountains = 245

Number of bird families flew away for the winter = 132

Number of bird families left near the mountains = 245 - 132

Ans: 113 bird families are left near the mountains.

1. There were 590 passengers on a ship. Out of them, 380 were adults. How many children were present on the ship?

Solution: Number of passengers on a ship = 590

Number of adults = 380

Number of children = 590 – 380=210

Ans: 210 children were present on the ship.

2. Jim has 1256 cupcakes in his shop. He gave away 257 cupcakes to one customer and 349 cupcakes to another customer. How many cupcakes remain with Jim now?

Solution:

Number of cupcakes in his shop = 1256

Total number of cupcakes he gave away to customers = 257 + 349 = 606

Number of cupcakes remain with Jim now 1256 – 606 = 650

Ans: 650 cupcakes remain with Jim now.

9. In a mega store, there were 4680 bags of sugar, but the supplier delivered only 2724 bags on Monday. On Tuesday, he was supposed to deliver the rest of the bags. How many bags were supposed to be delivered on Tuesday?

Solution:

Number of bags of sugar in a mega store = 4680

Number of bags delivered on Monday = 2724

Number of bags supposed to be delivered on Tuesday = 4680 - 2724

Ans: 1956 bags were supposed to be delivered on Tuesday.

CBE QUESTIONS

QI Choose the correct option

1. 100 less than the smallest 4-digit number.

   i) 1000 ii) 999 iii) 900 iv) 909

2. The difference between 456 tens and _____is 2456.

   i) 2100 ii) 2104 iii) 2102 iv) 2103

QII Answer in one word.

3. 4 thousands 3 hundreds 2 tens 6 ones ___ 4 thousands 3 hundreds 1tens 6 ones.Compare using the sign <, > or =

   Ans. >

4. Subtract the smallest 4-digit number from the greatest 4-digit number.

   Ans. 9999 – 1000 = 8999

QIII Solve the following:

5. The difference of two numbers is 7200. If one of the numbers 8000, what will be the other number?

   Ans: 8,000 – 7,200 = 800

6. Using the digits 5, 1, and 4, with the option to repeat digits, form the greatest and smallest 4-digit numbers. What is the difference between these two numbers?

   Ans Greatest number – 5541 Smallest Number – 1145

   Difference : 5541- 1145 = 4396

QIV Case Study

7. **The Scenario: The Great Toy Factory Donation**

Two large toy factories, **Joy toys** and **Fun creations**, are donating toy packets to schools across the city. The factories are competing to see who can donate the most, with a grand target of donating **9,500 toy packets** in total.

The managers recorded their donation data in the table below:

Factory Name	**Toy packets donated so far**
Joy Toys	4,250 packets
Fun Creations	3,815 packets

i) How many more toy packets has **Joy Toys (4,250)** donated compared to **Fun Creations (3815)**?

Ans. 4250 - 3815 = 435

ii) How many *more* toy packets do the two factories need to donate together to reach their grand target of **9,500 packets**?

Ans. Total toys= 4250 + 3815 = 8065

Target = 9500

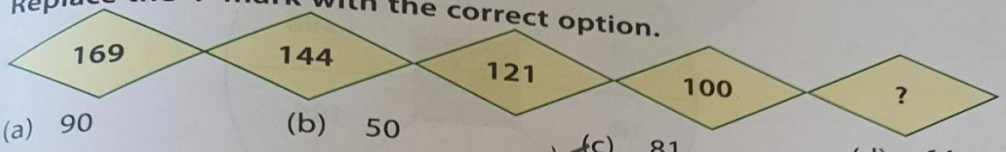
Left over target = 9500 - 8065 = 1435

Thinking Skills
Chapter-2 Patterns

EXERCISE TIME

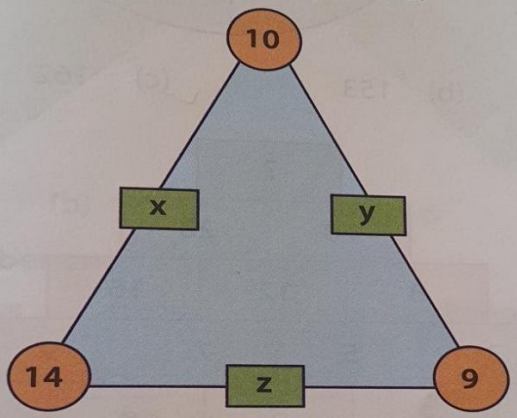
Type A

1. Replace the '?' mark with the correct option.



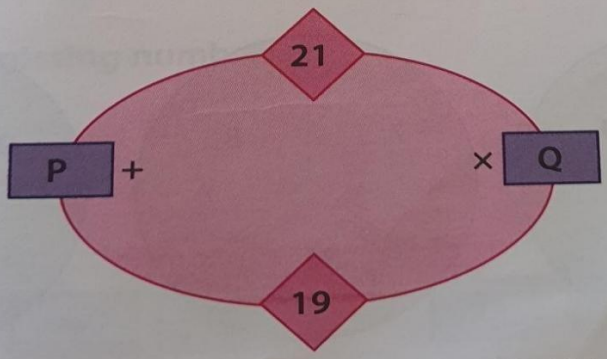
(a) 90 (b) 50 (c) 81 (d) 64

2. The number in each rectangle is the sum of the numbers in the linking circles. What will be the values of x, y and z?



(a) 23, 24, 19 (b) 24,19, 23 (c) 22, 27, 17 (d) 27, 17, 22

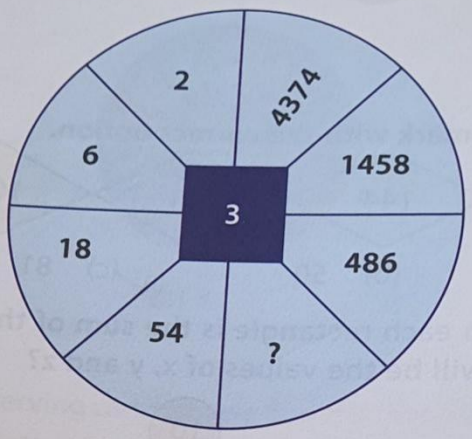
3. What will be the values of P and Q?



(a) 40, 399 (b) 399, 40 (c) 40, 299 (d) 299, 40

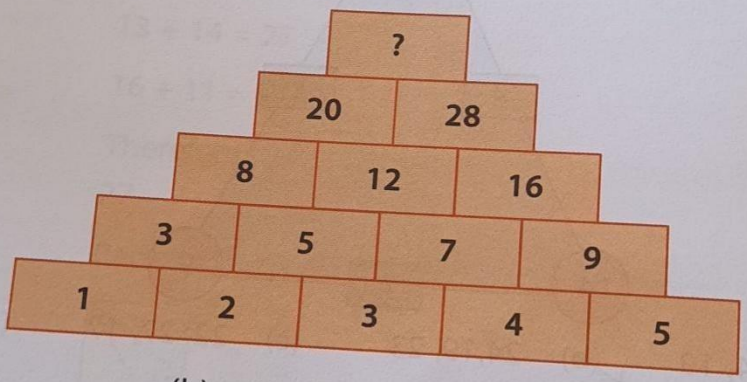
Type B Replace the '?' mark with the correct option.

4.



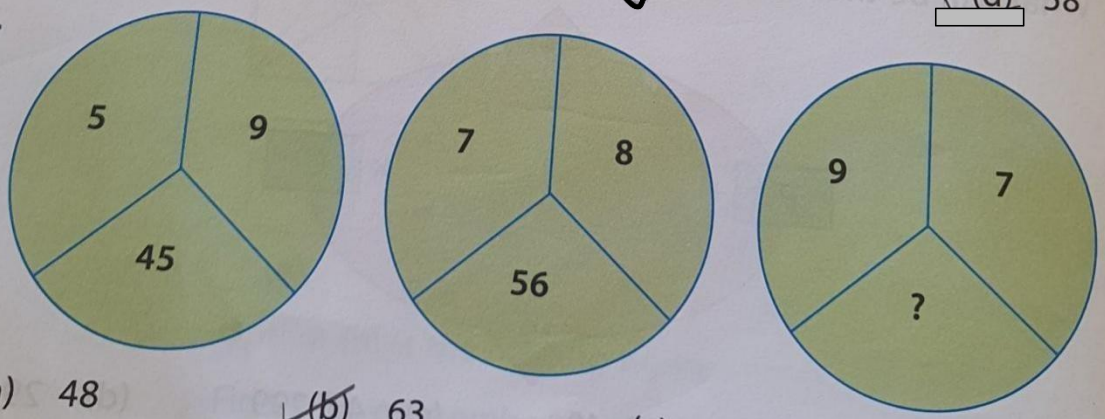
(a) 80 (b) 153 (c) 162 (d) 224

5.

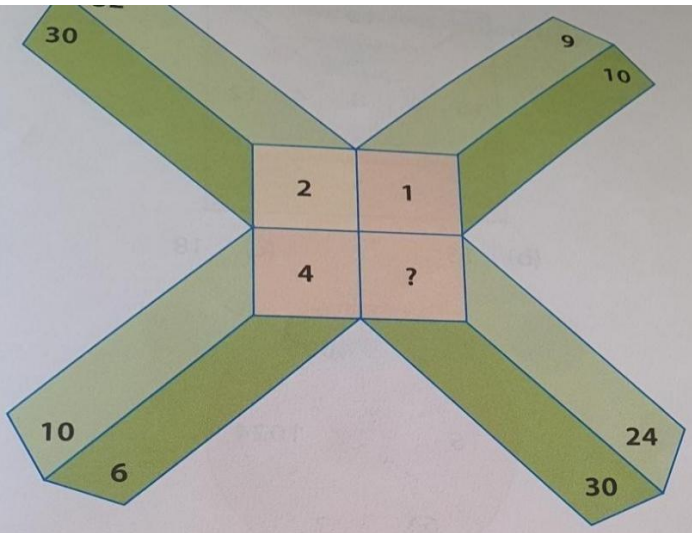


(a) 30 (b) 40 (c) 48 (d) 58

6.

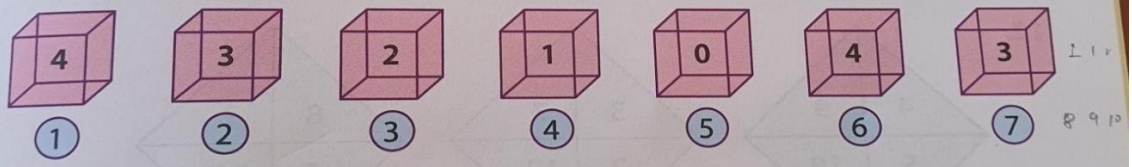


(a) 48 (b) 63 (c) 58 (d) 67



(a) 3 (b) 5 (c) 6 (d) 7

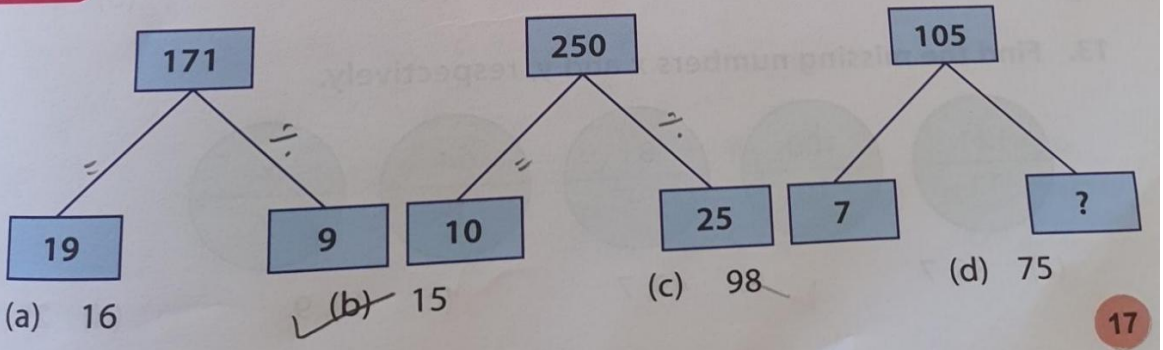
8. **What is the number on the 10th cube?**



(a) 3 (b) 0 (c) 1 (d) 2

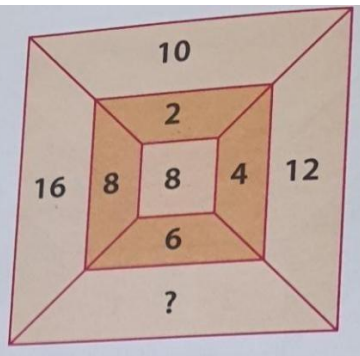
Type C **Find the missing number.**

9.



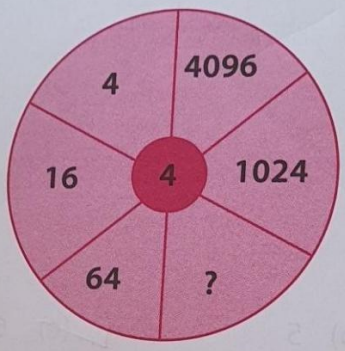
(a) 16 (b) 15 (c) 98 (d) 75

10.



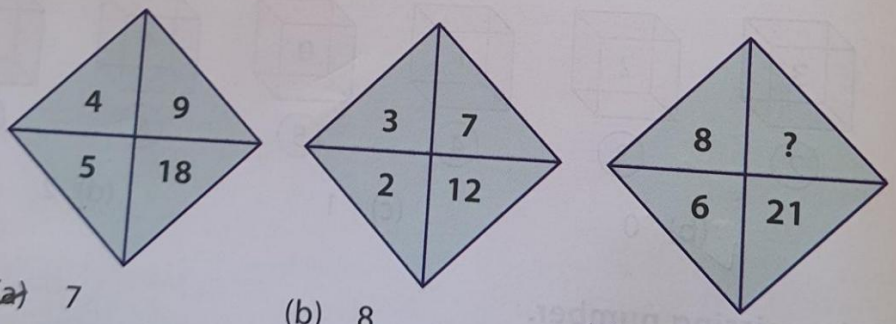
(a) 14 (b) 15 (c) 18 (d) 75

11.



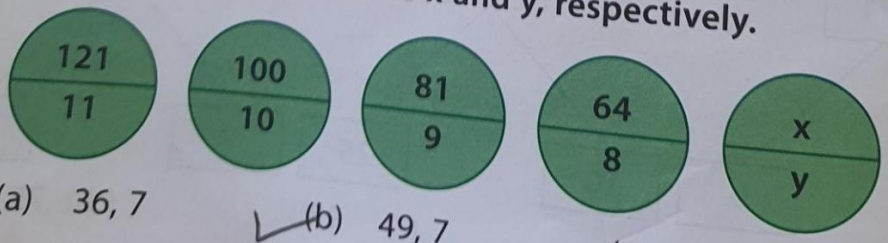
(a) 84 (b) 258 (c) 224 (d) 256

12.



(a) 7 (b) 8 (c) 9 (d) 2

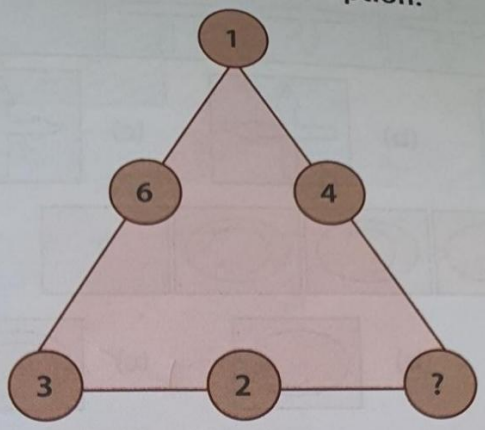
13. Find the missing numbers x and y, respectively.



(a) 36, 7 (b) 49, 7 (c) 49, 9 (d) 25, 9

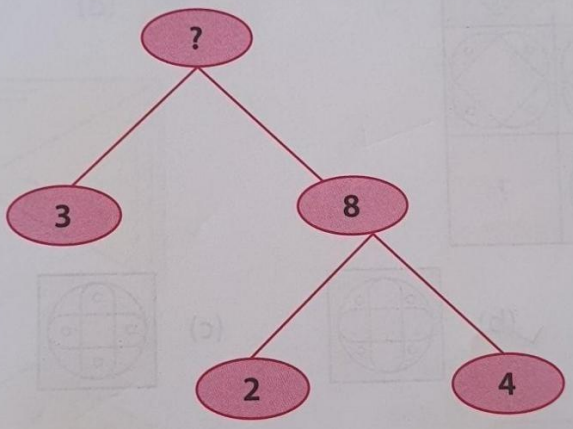
Type D Replace the '?' mark with the correct option.

14.



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

15.



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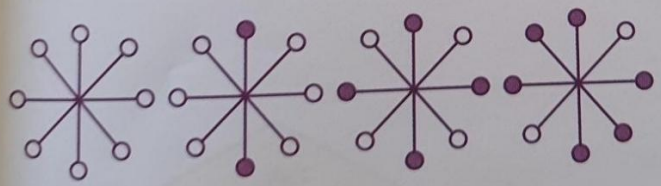

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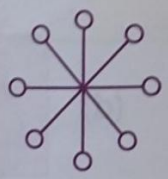
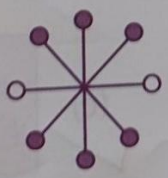
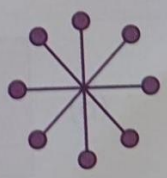
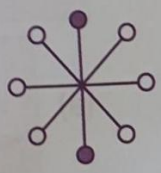
(a)  (b)  (c)  (d) 

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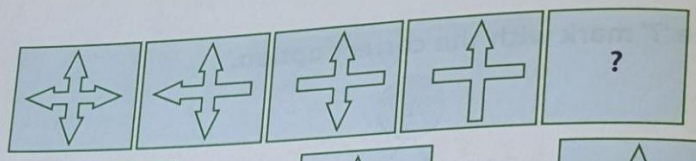
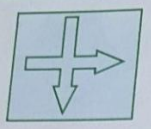
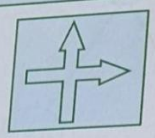
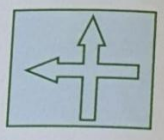


(a) 

(b) 

(c) 

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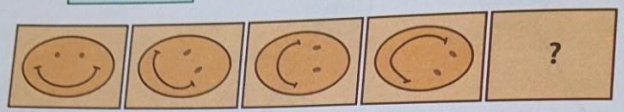

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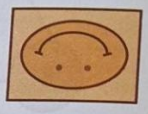
(c) 

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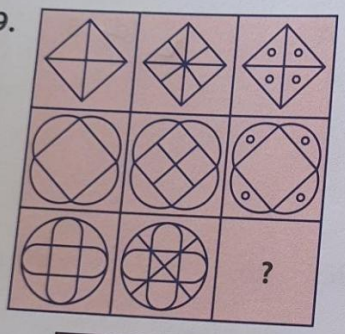

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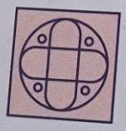
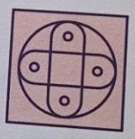
(b) 

(c) 

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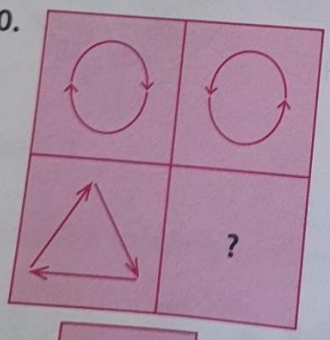
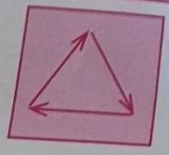
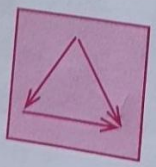
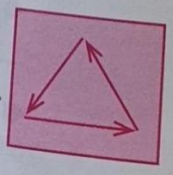
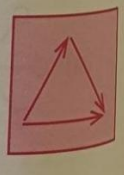


(a) 

(b) 

(c) 

(d) 

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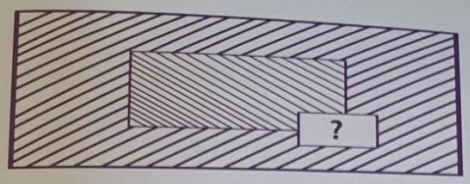
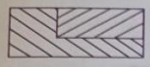
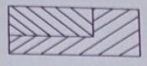
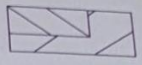


(a)  (b)  (c)  (d) 

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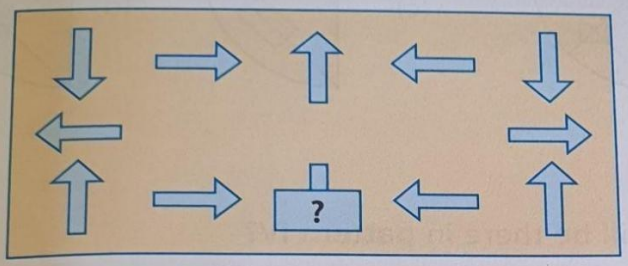
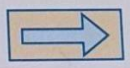
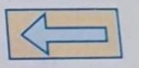


(a)  (b)  (c)  (d) 

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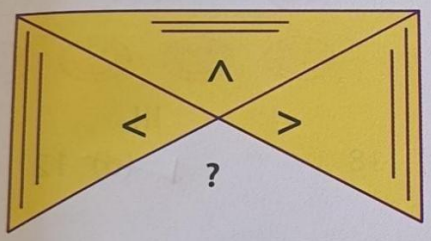
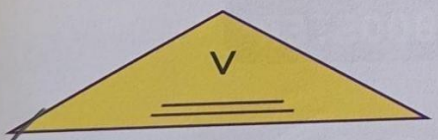
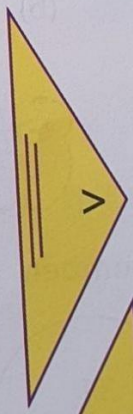
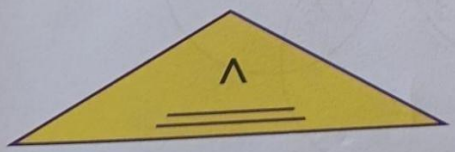
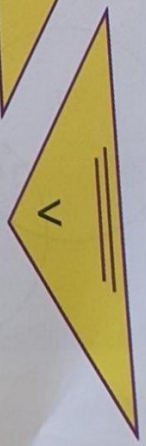


(a) 

(b) 

(c) 

(d) 

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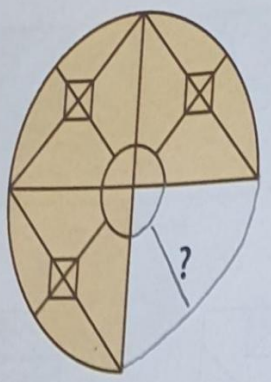
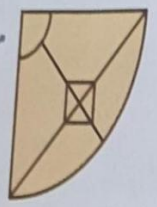
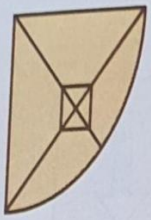
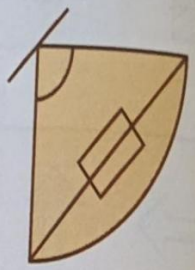


(a) 

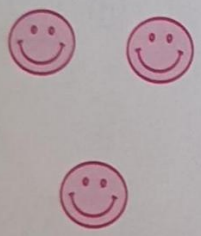
(b) 

(c) 

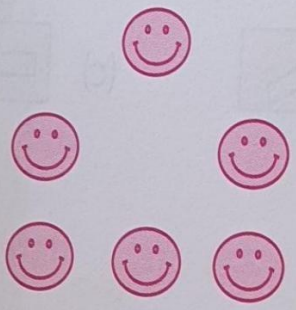
(d) 

Type E

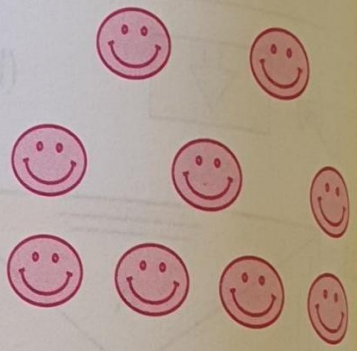
25. How many smiling faces will be there in pattern IV?



I



II



III

(a) 24

(b) 10

(c) 18

(d) 12

CHAPTER 4
MULTIPLICATION

KEY TERMS (In notebook)

1. Multiplication is repeated addition.
2. The number to be multiplied is known as the multiplicand.
3. The number by which the multiplicand is multiplied is known as the multiplier.
4. The answer that we get after multiplication is called the product.

	T	O	
	2	3	→ **Multiplicand**
×		3	→ **Multiplier**
	6	9	→ **Product**

Exercise 4.1

Fill in the blanks.

1	7 × 7 = 49	**2**	10 × 9 = 90	**3**	3 × 9 = 27
4	4 × 8 = 32	**5**	5 × 8 = 40	**6**	6 × 7 = 42
7	9 × 7 = 63	**8**	8 × 9 = 72	**9**	3 × 8 = 24

Exercise 4.2

Q.1. Multiply to fill in the missing numbers in the products.

a.

	H	T	O
		2	3
×			2
		4	6

e.

	H	T	O
		3	4
×			2
		6	**8**

f. H.W.

Q.2. Harry solved these multiplication sums. He has made some mistakes. Find out the mistakes made and write the correct answers.

a.

	H	T	O
		6	5
×			5
	3	**7**	**0**

Correct answer

	H	T	O
		2	
		6	5
×			5
	3	**2**	**5**

c.

	H	T	O
		4	5
×			6
	2	**4**	**6**

Correct answer

	H	T	O
		4	5
×			6
	2	**7**	**0**

f. H.W.

Exercise 4.3

Q.1. Multiply the following sums.

a.

	H	T	O
	3	2	1
×			3
	9	**6**	**3**

d.

	H	T	O
	1	4	6
×			5
	7	**3**	**0**

e.

	H	T	O
	2	3	3
×			2
	4	**6**	**6**

2. Solve:

c. 563× 4= **2252**

		H	T	O
		5	6	3
×				4
	2	**2**	**5**	**2**

d. 264 × 3 = **792**

	H	T	O
	1		
	2	6	4
×			3
	7	**9**	**2**

e. 427 × 2 = **854**

	H	T	O
	4	2	7
×			2
	8	**5**	**4**

Exercise 4.4

Q.1. Multiply the following.

b. 25× 43

		H	T	O
			2	
			1	
			2	**5**
×			**4**	**3**
			7	**5**
+	**1**	**0**	**0**	**0**
	1	**0**	**7**	**5**

d. 42 × 23

	H	T	O
	1		
		4	**2**
×		**2**	**3**
	1	2	6
+	8	4	0
	9	**6**	**6**

Q.2. Solve the following.

a.

	H	T	O
		2	**1**
×		**1**	**2**
		4	2
+	2	1	0
	2	**5**	**2**

b.

	H	T	O
		1	
		6	**3**
×		**1**	**4**
	2	5	2
+	6	3	0
	8	**8**	**2**

d.

	Th	H	T	O
			1	
			5	**5**
×			**4**	**3**
		1	6	5
+	2	2	0	0
	2	**3**	**6**	**5**

Exercise 4.5

Q.1. Solve the sums.

a. 121 × 2

	H	T	O
	1	2	1
×			2
	2	**4**	**2**

c. 222 × 3

	H	T	O
	2	2	2
×			3
	6	**6**	**6**

f.

	Th	H	T	O
		2	2	
		5	5	5
×				5
	2	**7**	**7**	**5**

Q.2 Multiply the following.

a.

	Th	H	T	O
		1	1	2
×			1	3
		3	3	6
+	1	1	2	0
	1	**4**	**5**	**6**

c.

	Th	H	T	O
		3	2	1
×			1	4
	1	2	8	4
+	3	2	1	0
	4	**4**	**9**	**4**

e.

	Th	H	T	O
		4	3	3
×			2	2
		8	6	6
+	8	6	6	0
	9	**5**	**2**	**6**

Exercise 4.6

Multiply the following:

1.	12 × 10 = **120**	**2.**	8 ×100 = **800**	**3.**	24 ×20= **480**	**4.**	3×1000= **3000**	**7.**	2 × 40 = **80**
8.	75 ×30 =**2250**	**11.**	25 × 1 = **25**	**12.**	571 × 0 = **0**	**13.**	**671** × 1 = **671**		

Exercise 4.7

1. In a classroom, there are 13 tables. How many tables can be found in 3 classrooms?

Solution:

Table in 1 classroom = 13

Table in 3 classrooms = 13 × 3

	T	O
	1	3
×		3
	3	**9**

Ans: 39 tables can be found in 3 classrooms.

5. There are 24 people seated in one row in the hospital waiting room. How many people can be found in 12 rows?

Solution:

Capacity of one row = 24

Capacity of 12 rows = 24 × 12

	H	T	O
		2	**4**
×		**1**	**2**
		4	8
+	2	4	0
	2	**8**	**8**

Ans: 288 people can be found in 12 rows.

7. An English textbook has 125 pages. How many pages can be found in 32 books?
Solution:
Number of pages in English textbook = 125
Number of pages in 32 such books = 125 × 32

	Th	H	T	O
			1	
			1	
		1	2	5
×			3	2
		2	5	0
+	3	7	5	0
	4	**0**	**0**	**0**

Ans: 4000 pages can be found in 32 books.

Competency Based Questions:

QI Choose the correct option

1. A factory makes 125 toys every day. How many toys are made in a week?

A. 825
B. 850
C. 875
D. 800

Answer: C. 875

2. A shopkeeper has 7 boxes in his shop. Each box contains 1000 pencils. How many pencils are there altogether?

A. 700
B. 7,000
C. 70,000
D. 700,000

Answer: B. 7,000
Q.II Answer in One Word

3. The property shown by 63 × 21 = 21 × 63 is called _____.
Answer: Order Property

4. If 3 × 4 = 12, then 3 × 40 = ?
Answer: 120

Q.III Solve the following

The School Assembly

For an Independence Day school celebration, 12 local schools sent their students to the city stadium. Each school sent exactly **325 students**.

5. Find the total number of students who attended the celebration.

Answer:325 × 12

		1	
	3	2	5
×		1	2
	6	5	0
3	2	5	0
3	**9**	**0**	**0**

6. If the stadium has 1,500 seats in total, are there enough seats for everyone? Explain why or why not.

Answer: No, because 3900 is more than 1,500 total seats.

Q.IV CASE STUDY

Q1. How many chocolates are there in all?

Answer: 28 × 18 = 504

Q2. If each chocolate costs ₹10, what is the total cost of all chocolates?

Answer: 504 × 10 =5040

Q.V Computational Thinking:

Observe the Pattern

☆ × 10 = 70

☆ + ☆ × 10 = 140

☆ + ☆ + ☆ × 10 = 210

☆ + ☆ + ☆ + ☆ × 10 = ?

Questions

1. How much is one ☆ worth?

   Answer: 7

2. Find the value of ☆ + ☆ + ☆ + ☆ × 10.

   Answer: 280

Reflection:

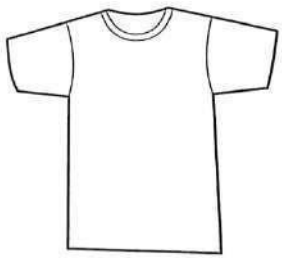
- I have learnt: -
- Multiplication of a 2- and 3-digit number by a 1- and a 2-digit number.
- Multiplication by 10, 100,1000.
- Properties of multiplication.
- Multiplication by 20,30,40,…..

CHAPTER: 7 Geometry

Exercise 7.1

1. Cross out (x) the numbers which are made up of only straight lines, tick (1) the numbers which are made up of only curved lines and circle the numbers which are made up of both straight and curved lines.

2. Colour the horizontal lines blue, slanting lines red, vertical lines orange and curved lines green. Also write down the number of lines in the given picture.



Number of horizontal lines = **1**
Number of vertical lines = **2**
Number of slanting lines = 4
Number of curved lines = **5**

Exercise 7.2

1. Who am I?

a) All my sides are equal. **Square**
b) l look like a mountain. **Triangle**
c) My opposite sides are equal. **Rectangle**
d) I am round. **Circle**

2. Complete the given table.

	Number of sides	Number of Corners
Circle	0	0
Triangle	3	3
Rectangle	4	4
Oval	0	0
Square	4	4

3. Fill in the blanks.

a. The length of the boundary of the circle is called its **circumference.**
b. The fixed distance between the centre and any point on the circle is called the **radius** of the circle.
c. A circle is made up of **curved** lines.
d. The point at which two sides meet is called **corner.**

Delhi Public School Gandhinagar

Academic session (2026-27)

Class: III

Study Material

JUNE: 2026

Subject:Maths

DELHI PUBLIC SCHOOL, GANDHINAGAR

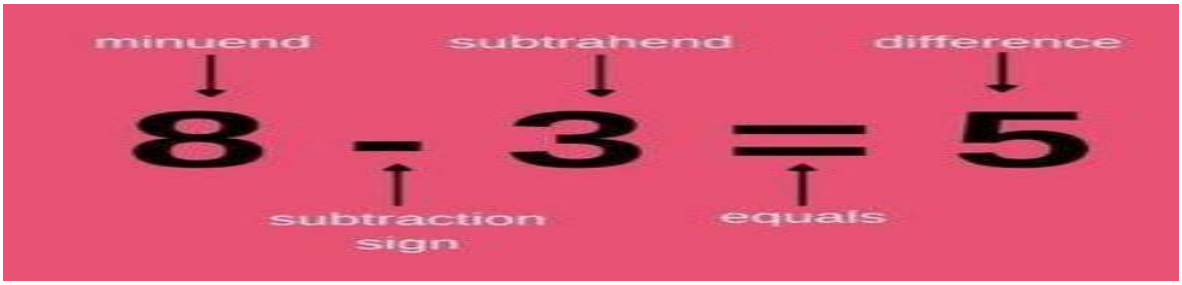
CLASS: 3 **SUBJECT: MATHS**

CHAPTER- 3

SUBTRACTION (JUNE STUDY MATERIAL)

Academic Session 2026-27

SUBTRACTION KEY TERMS: (IN NOTEBOOK)



Exercise 3.1

1. Subtract the following.

a.

	H	T	0
	2	8	2
-	1	6	0
	1	**2**	**2**

e.

	H	T	0
	4	6	8
-	2	6	0
	2	**0**	**8**

c. H.W.

	H	T	0
	9	9	8
-	8	0	5
	1	**9**	**3**

2. Subtract the numbers to find the difference. Then, colour the boxes having the same numbers alike.

(TO BE DONE IN TEXTBOOK)

Exercise 3.2

1. Subtract the following.

a.

	H	T	0
	5	10	
	6	0	8
-	2	7	3
	3	**3**	**5**

c.

	H	T	0
	4	17	18
	5	8	8
-	1	9	9
	3	**8**	**9**

f.

	H	T	0
		7	15
	7	8	5
-	5	6	7
	2	**1**	**8**

2. Subtract the following.

a. 446 – 337

	H	T	0
		3	16
	4	4	6
-	3	3	7
	1	**0**	**9**

b. 734 – 328

	H	T	0
		2	14
	7	3	4
-	3	2	8
	4	**0**	**6**

e. 641 – 418

	H	T	0
		3	11
	6	4	1
-	4	1	8
	2	**2**	**3**

Exercise 3.3

1. Subtract the following.

a.

	Th	H	T	0
	7	2	3	8
-	4	2	1	4
	3	**0**	**2**	**4**

d.

	Th	H	T	0
	5	4	2	9
-	3	2	1	2
	2	**2**	**1**	**7**

e.

	Th	H	T	0
	3	8	6	9
-	1	2	1	8
	2	**6**	**5**	**1**

2. Write the numbers in column and subtract.

a. 5475 - 2314

	Th	H	T	0
	5	4	7	5
-	2	3	1	4
	3	**1**	**6**	**1**

c. 6425 - 1314

	Th	H	T	0
	6	4	2	5
-	1	3	1	4
	5	**1**	**1**	**1**

f. 4674 - 2234

	Th	H	T	0
	4	6	7	4
-	2	2	3	4
	2	**4**	**4**	**0**

Exercise 3.4

1. Subtract the numbers.

a.

	Th	H	T	0
		6	14	
	9	7	4	6
-	8	2	9	4
	1	**4**	**5**	**2**

c.

	Th	H	T	0
		7	9	10
	4	8	0	0
-	1	1	1	4
	3	**6**	**8**	**6**

e.

	Th	**H**	**T**	**0**
			2	15
	4	2	3	5
-	1	2	1	9
	3	**0**	**1**	**6**

2. Subtract to choose the correct option. (TEXTBOOK)

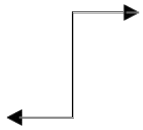
4038 – 2574	**1464**
8527 – 375	**8152**
6752-3827	**2925**
9526-6873	**2653**
7800 - 1786	**6014**

Exercise 3.5

Subtract and check your answer.

1.

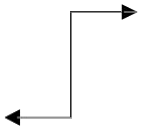
	Th	H	T	0
	2	9	12	10
	3	0	3	0
-	1	3	8	8
	1	**6**	**4**	**2**



	Th	H	T	0
	1	1	1	
	1	6	4	2
+	1	3	8	8
	3	**0**	**3**	**0**

3.

	Th	H	T	0
		8	13	
	7	**9**	**3**	**8**
-	5	8	9	8
	2	0	4	0



	Th	H	T	0
		1		
	2	0	4	0
+	5	8	9	8
	7	**9**	**3**	**8**

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3 **SUBJECT: MATHS**

Academic Session 2026-27

APRIL AND MAY MONTH

CHAPTER- 1

NUMBERS

Exercise 1.1 (Notebook)

1. **Write the given numerals in words.**

a. 4205 – Four thousand two hundred five

d. 4008 – Four thousand eight.

e. 3112 **H.W.**

2. **Write the following numerals.**

a. Six thousand fifty-four- 6,054

c. Four thousand- 4,000

f. **H.W.**

3. **Write the place value and the face value of the underlined digits.**

Number	Place value of the underlined digits	Face value of the underlined digit
503**5**	5	5
15**0**0	0	0
9930	9,000	9

4. **Find the sum of the place values of 3s in 3234.**

Ans: 3000 + 30 = 3,030

Exercise 1.2

Fill in the blanks.

1. 3564 = 3000 + 500 + 60 + 4
3. 6607 = 6000 + 600 + 7
5. 9730 = 9 thousands + 7 hundreds + 3 tens
6. 5020 = 5 x 1000 + 2 x 10
8. 2691 = 2 x 1000 + 6 x 100 + 9 x 10 + 1 x 1

Exercise 1.3

1. Compare the following using >, < or = sign.

a. 209 $\leq$ 3819
b. 3901 $\geq$ 1450
d. 303 $\leq$ 3030
e. 1983 $\geq$ 1783

2. Arrange the following numbers in ascending order.
   a. 3489 5689 5789 9989 3979
   Ans: 3489 3979 5689 5789 9989

   c. 3583 6682 6781 1189 8976
   Ans: 1189 3583 6682 6781 8976

3. Arrange the following numbers in descending order.
   a. 4532 6932 1546 7543
   Ans: 7543 6932 4532 1546

   d. 3097 2845 5628 7841
   Ans: 7841 5628 3097 2845

4. Form the greatest and the smallest 4-digit numbers when repetition of digits is not allowed.

a. 1, 5, 8, 9
Ans: Greatest 4-digit number: 9,851
Smallest 4-digit number: 1,589

c. 2, 0, 6, 3
Ans: Greatest 4-digit number: 6,320
Smallest 4-digit number: 2,036

5. Form the greatest and the smallest 4-digit numbers when repetition of digits is allowed only once.

a. 9, 1, 3
Ans:
Greatest 4-digit number: 9,931
Smallest 4-digit number: 1,139

b. 8, 6, 2 (**H.W.)**
Greatest 4-digit number: 8,862
Smallest 4-digit number: 2,268

c. 3, 1, 0
Greatest 4-digit number: 3,310
Smallest 4-digit number: 1,003

Exercise 1.4

1. Write the successor of the following numbers.

a. 2986
Ans: 2986 +1 = 2987

b. 5129

Ans: 5129 +1 = 5130

d. 1992 **H.W.**

2. Write the predecessor of the following numbers.

a. 1046
Ans: 1046 - 1 = 1045

e. 9500
Ans: 9500 -1 = 9499

d. 7000 (**H.W.)**

3. Complete the given table.

Predecessor	Number	Successor
3245	**3246**	**3247**
7830	7831	**7832**
6480	**6481**	6482

Exercise 1.5

1. Write down the even numbers between 1500 and1520.
Ans: 1502, 1504, 1506, 1508, 1510, 1512, 1514, 1516, 1518.

2. Write down the odd numbers between 3170 and 3180.
Ans: 3171, 3173, 3175, 3177, 3179

3. Complete the series.

a. 5440 5442 **5444** **5446** 5448 **5450**

c. 7431 **7433** 7435 **7437** 7439 7441

4.Sort the given numbers as odd or even.

6734, 5783, 9921, 3310, 5558, 1006, 6335, 2244, 9867, 4001

Odd Numbers	**Even numbers**
5783	6734
9921	3310
6335	5558
9867	1006
4001	2244

ROUNDING OFF NUMBERS:

Exercise 1.6

1. Round off the following numbers to the nearest 10s.

a. 34
Ans: 3<u>4</u>
Here, 4 < 5
So, 34 is rounded down to 30.

e. 428
Ans: 42<u>8</u>
Here, 8 > 5
So, 428 is rounded up to 430.

d. 916 **H.W.**
Ans: 91<u>6</u>
Here, 6 > 5
So, 916 is rounded up to 920.

2. Round off the following numbers to the nearest 100s.

a. 236
Ans: 2<u>3</u>6
Here, 3 < 5
So, 236 is rounded down to 200.

c. 2103
Ans: 21<u>0</u>3
Here, 0 < 5
So, 2103 is rounded down to 2100.

d. 1758
Ans: 175̲8
Here, 5 = 5
So, 1758 is rounded up to 1800.

Reflection:

I have learnt:

- to find out place value and face value of 4-digit numbers.
- to find out the successor and predecessor of the given number.
- Round off numbers to the nearest 10s and 100s.

COMPETENCY BASED QUESTIONS:

QI Choose the correct option

1. The number which comes just after 5 TENS.

   a) 50 b) 51 c) 49 d) 59

2. In the number 6782, the difference between the face value and place value of the digit 7.

   a) 609 b) 610 c) 690 d) 693

QII. Answer in one word:

1. A library has books numbered 450 to 460. If Sara takes the book that comes just after 458, what is the number of her book?
   Ans. 459

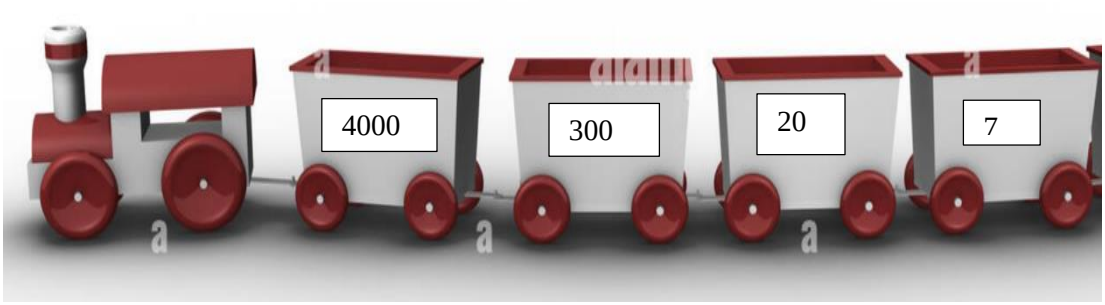
2. If you add 1 to the largest 3-digit number, what number do you get?
   Ans. Smallest 4-digit number 1000.

QIII. Solve the following:

1. I am a 4-digit number.
   My thousands place is 6.
   My tens place is 3.
   My one's place is double my tens place.
   My hundreds place is the greatest one-digit number.
   Who am I?

   Ans 6936

2.



The "Number Train" is carrying parts of a big number. When the carriages are hooked together, what is the total number?

4000 + 300 + 20 + 7 = _____

QIV. Case Stuy:

1. In a fun game, Zoe, Max, Emma, and Jack counted their school supplies.
Zoe: 3456 items, Max: 2879 items, Emma: 3567 items, Jack: 3120 items

Names	No. of items
Zoe	3456
Max	2879
Emma	3567
Jack	3120

i) Arrange their school supplies counts in ascending order to determine who had the most items.
Ans. 2879, 3120, 3456, 3567

ii) Who had the second-highest items?
Ans. Zoe

iii) Who had the least no. of items?
Ans. Max

iv) Who had the most no. of items?
Ans. Emma

CHAPTER- 2- ADDITION

Exercise 2.1

1. Add the following.

a.

	H	**T**	**0**
	7	5	4
+	2	4	3
	9	**9**	**7**

c.

	H	**T**	**0**
	5	8	3
+	2	1	2
	7	**9**	**5**

e.

	H	**T**	**0**
	5	6	3
	2	1	4
+	1	2	2
	8	**9**	**9**

f.

	H	**T**	**0**
	4	2	3
	1	2	1
+	2	2	3
	7	**6**	**7**

2. Arrange the following in columns and add.

a. 432 + 231 = **663**

	H	**T**	**0**
	4	3	2
+	2	3	1
	6	**6**	**3**

d. 876 + 101 = **977**

	H	**T**	**0**
	8	7	6
+	1	0	1
	9	**7**	**7**

f. 561 + 321 + 115 = 997

	H	**T**	**0**
	5	6	1
	3	2	1
+	1	1	5
	9	**9**	**7**

Exercise 2.2

1. Add the following.

a.

	Th	H	T	0
		1		
		7	6	5
+		5	6	4
	1	**3**	**2**	**9**

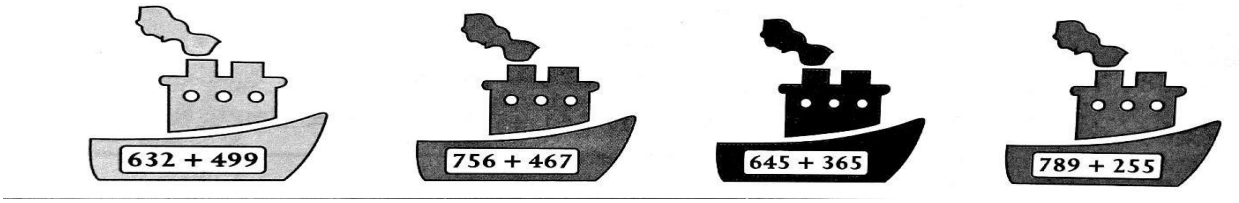
d.

	Th	H	T	0
		1	1	
		9	8	7
+		2	3	4
	1	**2**	**2**	**1**

f.

	Th	H	T	0
		5	8	3
+		5	1	2
	1	**0**	**9**	**5**

2. **Tanmay wants to go on a cruise with his father. Help him choose a boat the sum of whose addends is an even number. (Textbook)**



1,131	**1,223**	**1,010**	**1,044**

Ans: Tanmay can go in third and fourth boat on a cruise with his father.

Exercise 2.3

1. Add the following.

a.

	Th	H	T	0
	6	5	2	3
+	2	1	5	4
	8	**6**	**7**	**7**

b.

	Th	H	T	0
	8	9	7	4
+	1	0	2	5
	9	**9**	**9**	**9**

f.

	Th	H	T	0
	8	4	6	3
+	1	4	2	5
	9	**8**	**8**	**8**

2. Solve the following:

a. 4106 + 1212

	Th	H	T	0
	4	1	0	6
+	1	2	1	2
	5	**3**	**1**	**8**

b. 7120 + 1269

	Th	H	T	0
	7	1	2	0
+	1	2	6	9
	8	**3**	**8**	**9**

e. 7002 + 2356

	Th	H	T	0
	7	0	0	2
+	2	3	5	6
	9	**3**	**5**	**8**

Exercise 2.4

1. Add the following.

a.

	Th	H	T	0
	4	5	6	7
+	2	5	5	4
	7	**1**	**2**	**1**

b.

	Th	H	T	0
	3	4	7	8
+	1	6	7	8
	5	**1**	**5**	**6**

f.

	Th	H	T	0
	1		1	
	5	8	0	9
+	2	2	2	1
	8	**0**	**3**	**0**

2. Add:

a. 4267 + 1293

	Th	H	T	0
	4	2	6	7
+	1	2	9	3
	6	**5**	**6**	**0**

d. 1289 + 3281

	Th	H	T	0
	1	2	8	9
+	3	2	8	1
	4	**5**	**7**	**0**

f. 7299 + 1728

	Th	H	T	0
	1	1	1	
	7	2	9	9
+	1	7	2	8
	9	**0**	**2**	**7**

Exercise 2.5

1. Fill in the blanks.

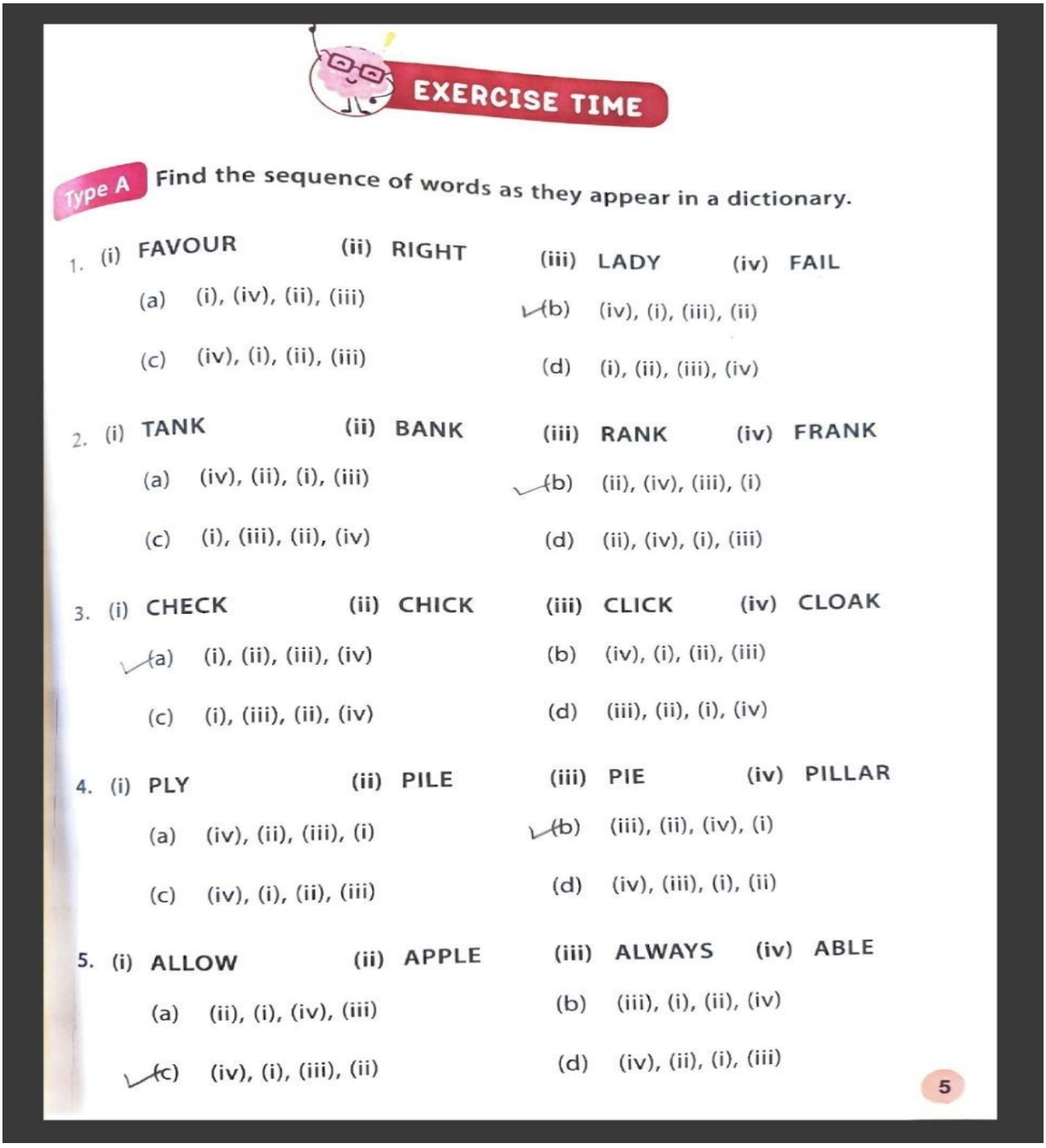
a. 2456 + 9876 = 9876 + 2456
b. 6543 + 0 = 6543
c. 4567 + 8765 = 8765 + 4567
d. 5555 + 1 = 5556
e. 0 + 4321 = 4321
f. 6342 + 1 = 6343

2. Write 'True' or 'False.

a. 5678 + 0 = 5679 False
b. 999 + 1 = 998 False
c. 2345 + 5432 = 5432 + 2345 True
d. 7777 + 0 = 7777 True
e. 253 + 1 = 253 False
f. 5643 + 3452 = 3452 + 5644 False

Thinking Skills

Chapter-1 Alphabet Test



EXERCISE TIME

Type A Find the sequence of words as they appear in a dictionary.

1. (i) FAVOUR (ii) RIGHT (iii) LADY (iv) FAIL

   (a) (i), (iv), (ii), (iii)
   (b) (iv), (i), (iii), (ii)
   (c) (iv), (i), (ii), (iii)
   (d) (i), (ii), (iii), (iv)

2. (i) TANK (ii) BANK (iii) RANK (iv) FRANK

   (a) (iv), (ii), (i), (iii)
   (b) (ii), (iv), (iii), (i)
   (c) (i), (iii), (ii), (iv)
   (d) (ii), (iv), (i), (iii)

3. (i) CHECK (ii) CHICK (iii) CLICK (iv) CLOAK

   (a) (i), (ii), (iii), (iv)
   (b) (iv), (i), (ii), (iii)
   (c) (i), (iii), (ii), (iv)
   (d) (iii), (ii), (i), (iv)

4. (i) PLY (ii) PILE (iii) PIE (iv) PILLAR

   (a) (iv), (ii), (iii), (i)
   (b) (iii), (ii), (iv), (i)
   (c) (iv), (i), (ii), (iii)
   (d) (iv), (iii), (i), (ii)

5. (i) ALLOW (ii) APPLE (iii) ALWAYS (iv) ABLE

   (a) (ii), (i), (iv), (iii)
   (b) (iii), (i), (ii), (iv)
   (c) (iv), (i), (iii), (ii)
   (d) (iv), (ii), (i), (iii)

5

Type B **Form a meaningful word by rearranging the digits corresponding to the given letters.**

6. R U C D

   1 2 3 4

   (a) 2134 (b) 3124 (c) 4213 (d) 3214

7. L R D O

   1 2 3 4

   (a) 2134 (b) 1423 (c) 4213 (d) 3214

8. R W D O

   1 2 3 4

   (a) 2413 (b) 1423 (c) 4213 (d) 3214

9. S T E R

   1 2 3 4

   (a) 2413 (b) 1423 (c) 4312 (d) 3214

10. T E A R H

    1 2 3 4 5

    (a) 24135 (b) 23415 (c) 43152 (d) 32145

11. G I N R

    1 2 3 4

    (a) 2413 (b) 4231 (c) 4312 (d) 3214

12. E H M O
1 2 3 4

(a) 2431 (b) 4231 (c) 4312 (d) 3214

13. C E M O
1 2 3 4

(a) 2431 (b) 4231 (c) 4312 (d) 1432

14. L E B U
1 2 3 4

(a) 2431 (b) 4231 (c) 3142 (d) 1423

15. R I B D
1 2 3 4

(a) 3214 (b) 4231 (c) 3142 (d) 1423

Type C **Choose the word that can be formed using the letters of the given word.**

16. **NOTEBOOK**

(a) BOOK (b) TENT (c) LOOK (d) HOOK

17. **PARENT**

(a) RANGE (b) PEST (c) RENT (d) TREE

18. **BLANKET**

(a) BLUE (b) AXE (c) KITE (d) ANT

19. **MATHEMATICS**

(a) HEART (b) ARTISTIC ✓~~(c)~~ HATE (d) COSMETICS

20. **EDUCATION**

(a) CALCULATION (b) DEDUCTION

(c) NATION ✓~~(d)~~ ACTION

Type D **Find the word that cannot be formed using the letters of the given word.**

21. ***TEACHER***

(a) TEA (b) EAR (c) TEACH ✓~~(d)~~ HEN

22. **ORPHANAGE**

(a) PEN (b) ORANGE ✓~~(c)~~ PAIN (d) HANG

23. **MANNERS**

(a) MAN (b) EARS ✓~~(c)~~ RANGE (d) MEN

24. **COLLECTION**

✓~~(a)~~ ACTION (b) COLLECT (c) LION (d) TONE

25. ***KITCHEN***

(a) KIT ✓~~(b)~~ TIP (c) HEN (d) TEN

Type E **Form a meaningful word using the given letters and find the catego to which it belongs.**

26. **OSNE** NOSE

✓(a) Body part (b) Fruit (c) Colour (d) Bird

27. **OWRC** CROW

✓(a) Bird (b) Fruit (c) Colour (d) Body part

28. **AOGT** GOAT

(a) Body part ✓(b) Animal (c) Bird (d) Colour

29. **PLEPA** APPLE

✓(a) Fruit (b) Body part (c) Colour (d) Bird

30. **WLOEYL** YELLOW

(a) Body part ✓(b) Colour (c) Animal (d) Fruit

31. **NSAYUD** SUNDAY

(a) Bird (b) Fruit

✓(c) Name of day (d) Body part

BRAIN BOOSTER

I am a five-letter word for an object on which you sit.
If you remove my first letter, then I become a part of your head.
If you remove my first and second letters, then I am all around you.
Who am I?