DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS 3 SESSION 2025-26

NOVEMBER MATHS STUDY MATERIAL

CHAPTER 6 - FRACTIONS

NOTEBOOK WORK:

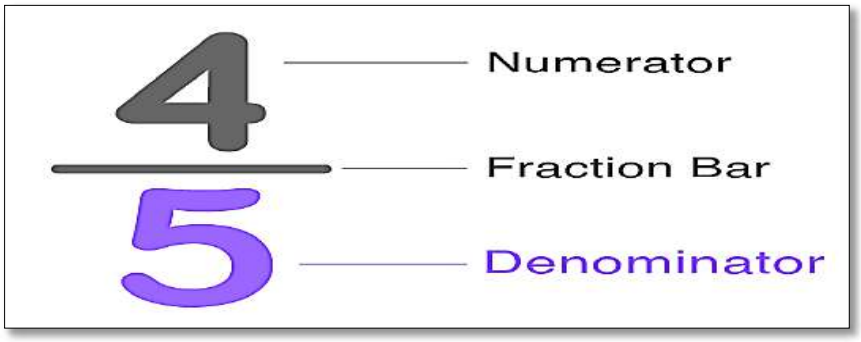
DEFINITIONS: -

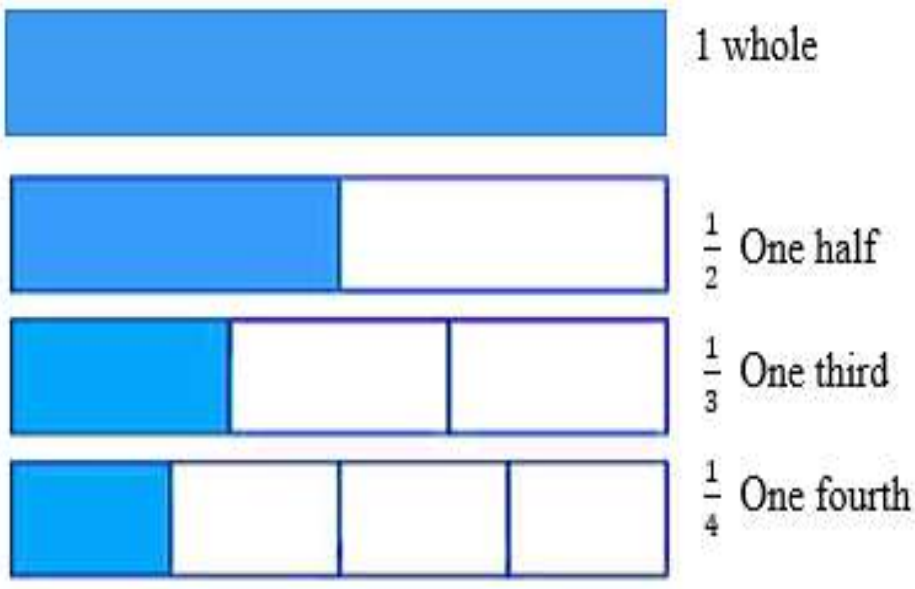
1. **Fraction** is a number that expresses equal parts of a whole object.

2. The number above the fraction bar is called the **Numerator.**

3. The number below the fraction bar is called the **Denominator.**

REPRESENTION OF FRACTIONS:



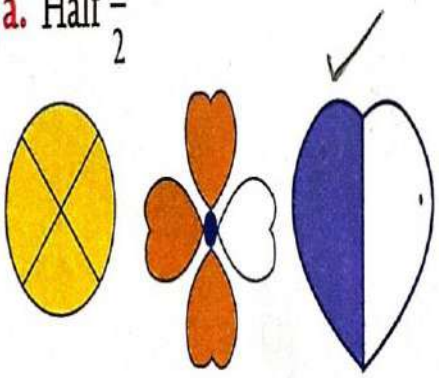


TEXTBOOK WORK:

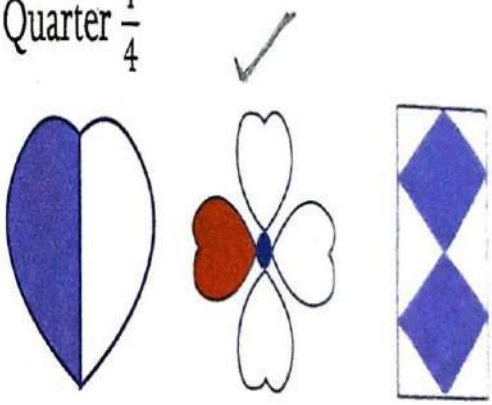
Exercise 6.1

1. Identify which of the following figures represents the shaded region as given bel

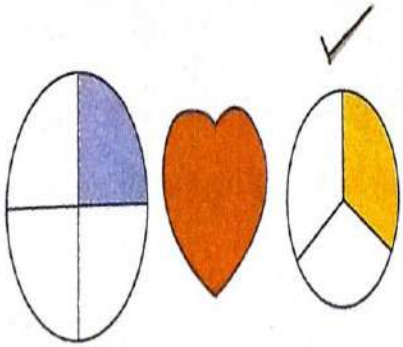
a. Half $\frac{1}{2}$



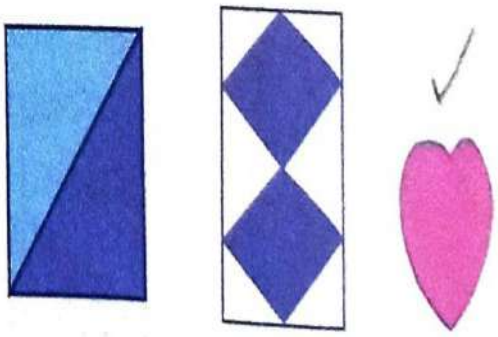
b. Quarter $\frac{1}{4}$



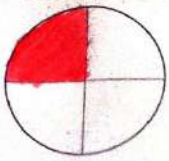
c. One-third $\frac{1}{3}$

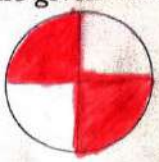


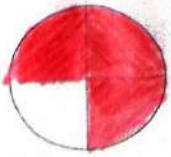
d. Whole

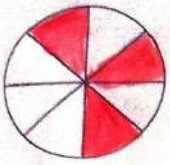


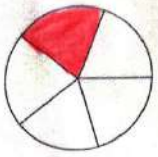
2. Colour the figure to represent the given fractions.

 $\frac{1}{4}$

 $\frac{2}{4}$

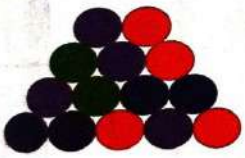
 $\frac{3}{4}$

 $\frac{3}{8}$

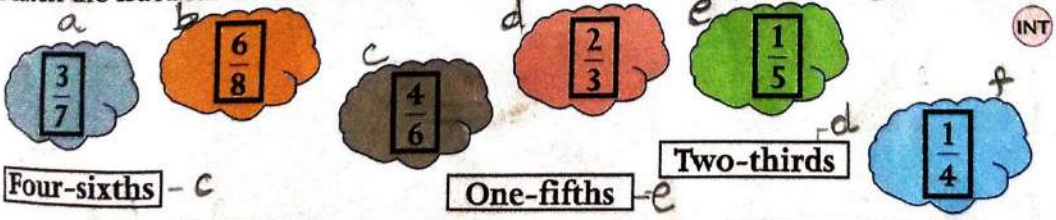
 $\frac{1}{5}$

 $\frac{2}{3}$

3. Write down what fraction of the figure is painted.

	$\frac{2}{7}$	$\frac{3}{7}$	$\frac{1}{7}$	$\frac{1}{7}$
	$\frac{2}{20}$	$\frac{6}{20}$	$\frac{9}{20}$	$\frac{3}{20}$
	$\frac{4}{14}$	$\frac{2}{14}$	$\frac{4}{14}$	$\frac{4}{14}$
	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$

4. Match the fraction cloud with the correct number name by colouring them alike.



Four-sixths – c

One-fifths – e

Two-thirds – d

One-fourths – f

Three-sevenths – a

Six-eighths – b

Fraction as a Part of a Collection

Scientific Proficiency | Conceptual understanding

SVID

A collection is a group of things together.

This is a collection of 7 candles.

How many green candles are there? 3

So, the fraction used to represent green candles will be written as $\frac{3}{7}$.

How many red candles are there? 3

So, the fraction used to represent red candles will be written as $\frac{3}{7}$.

Exercise 6.2

1. Which part of the set do the coloured objects represent? Circle the correct option.

a. 

$\frac{1}{3}$ | $\frac{3}{4}$ | $\frac{1}{4}$

b. 

$\frac{2}{3}$ | $\frac{3}{5}$ | $\frac{1}{2}$

c. 

$\frac{3}{6}$ | $\frac{3}{7}$ | $\frac{1}{3}$

d. 

$\frac{4}{4}$ | $\frac{4}{8}$ | $\frac{1}{4}$

e. 

$\frac{1}{7}$ | $\frac{1}{6}$ | $\frac{6}{7}$

f. 

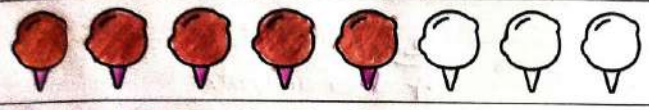
$\frac{2}{4}$ | $\frac{2}{3}$ | $\frac{1}{3}$

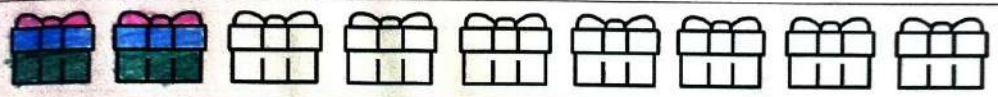
2. Shade the following pictures to represent the given fraction.

INT

a. $\frac{3}{4}$ 

b. $\frac{4}{7}$ 

c. $\frac{5}{8}$ 

d. $\frac{2}{9}$ 

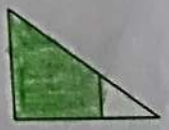
Exercise 6.3

1. Identify the figures which shows more than half and the ones which shows less than half.

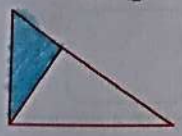
more than half more than half Less than half

a. 
b. 
c. 
d. 
e. 

2. Colour the part of the figure which shows more than half green.

a. 
b. 
c. 

3. Colour the part of the figure, which shows less than half blue.

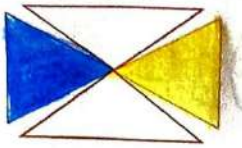
a. 
b. 
c. 

Exercise 6.4

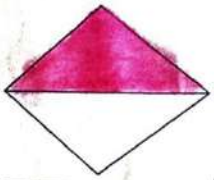
Colour the given parts and represent the following in fractional forms. Also, write the numerator and denominator for the following fractions.

1. 

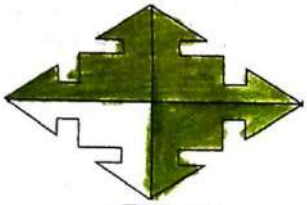
Five parts 5 - Numerator / 8 - Denominator

2. 

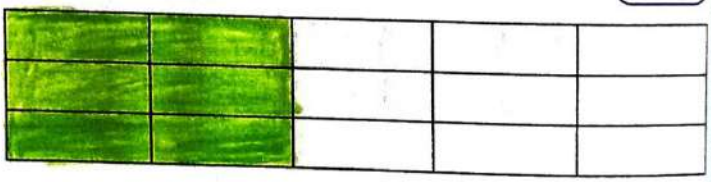
Two parts 2 - Numerator / 4 - Denominator

3. 

One part 1 - Numerator / 2 - Denominator

4. 

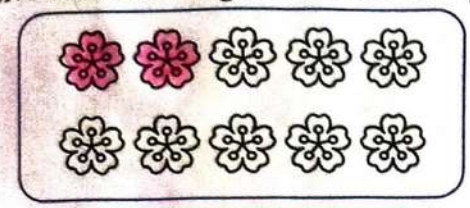
Three parts 3 - Numerator / 4 - Denominator

5. 

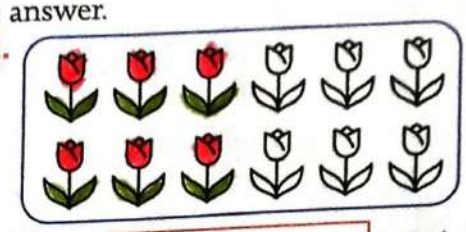
Six parts 6 - Numerator / 15 - Denominator

Exercise 6.5

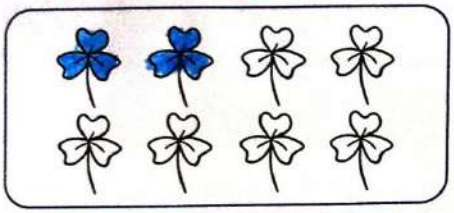
Solve the following and colour to represent the answer.

1. 

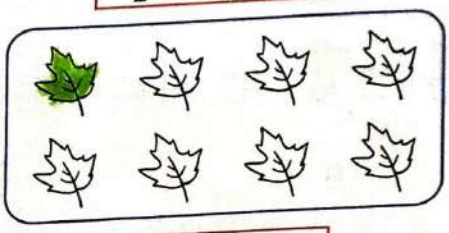
$\frac{1}{5}$ of 10 snowflakes $10 \div 5 = 2$

2. 

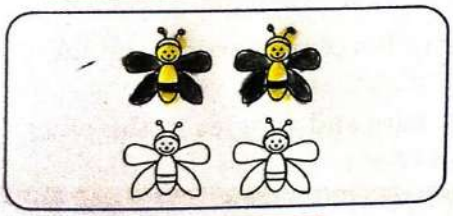
$\frac{1}{2}$ of 12 flowers $12 \div 2 = 6$

3. 

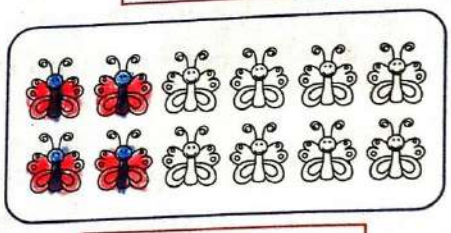
$\frac{1}{4}$ of 8 shamrock leaves $8 \div 4 = 2$

4. 

$\frac{1}{8}$ of 8 leaves $8 \div 8 = 1$

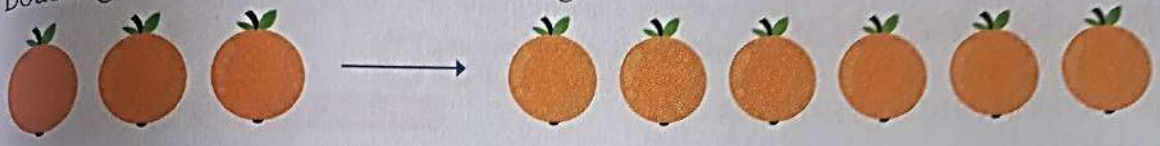
5. 

$\frac{1}{2}$ of 4 bees $4 \div 2 = 2$

6. 

$\frac{1}{3}$ of 12 butterflies $12 \div 3 = 4$

Doubling of 3 oranges results in 6 oranges.



Now, find the double of the following:

1. 2 apples
   = 4 apples
2. 4 pigeons
   = 8 pigeons
3. 5 pencils
   = 10 pencils
4. 8 cubes
   = 16 cubes

NOTEBOOK WORK:

CBE QUESTIONS: -

1. Assertion: $\frac{4}{11}$ is a fraction.

   Reason: Fraction is a number expressed as a quotient, in which a numerator is divided by a denominator.

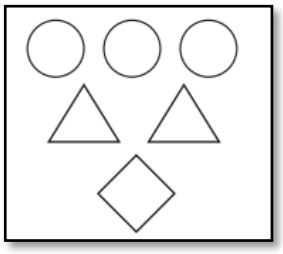
   a) Both A and R are correct and R is the correct explanation for A.

   b) Both A and R are correct and R is not the correct explanation for A.

   c) A is true but R is false.

   d) Both A and R are false.

2. Write a fraction that represents the number of shapes that are triangles.

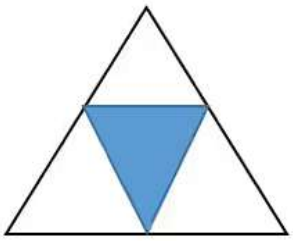


Ans: $\frac{2}{6}$

3. _____ halves make a whole.

Ans: 2

4. Write the fraction of the shaded region.



Ans : $\frac{1}{4}$

5. In the given table, number of passengers travelled in a bus is given.

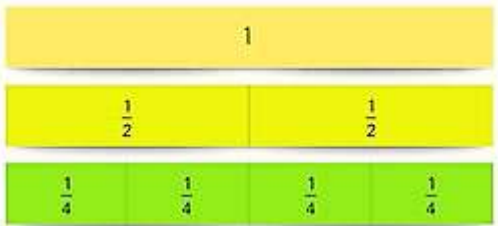
Men	Women	Children
12	10	5

a) Write the fraction of women compared to total number of passengers?
Total passengers = 12+ 10+ 5 = 27
No. of women = 10
Fraction of women in the bus = $\frac{10}{27}$

b) Write the fraction of men and children compared to total number of passengers?
Number of men and children = 12+5 =17
Fraction of men and children in the bus = $\frac{17}{27}$

AIL – 2:

- Fractions by paper folding. Showing ½ and ¼ fractions.



Google form:

https://forms.gle/6aifeKCK5QZBp8Qq7

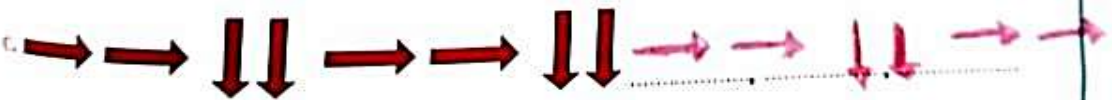
CHAPTER 8: PATTERNS AND SYMMETRY

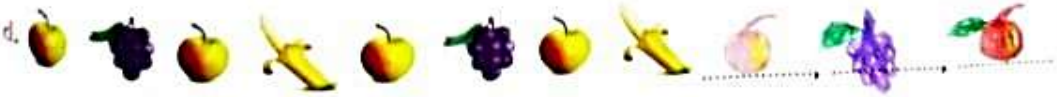
Exercise 8.1

1. Extend the pattern.

a. 

b. 2, 4, 6, 2, 4, 6, 2, 4, 6, ... 2 ....., ... 4 ....., ... 6 .....

c. 

d. 

2. Circle the object which is not at the correct place in the given repeated pattern.

a. 

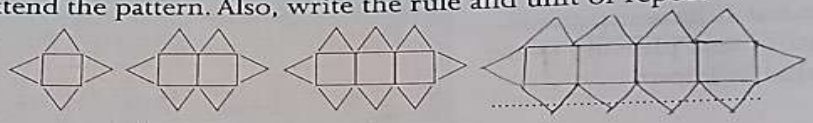
b. 1, 2, 3, 4, 5, 1, 2, 3, 4, 5, 1, 2, 3, (5) 1, 2, 3, 4, 5

c. 

(1+W5) Create a pattern repeated thrice using the given shapes.

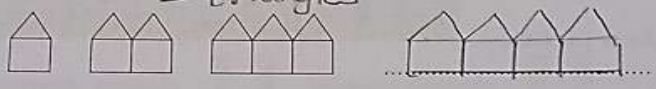
Exercise 8.2

1. Extend the pattern. Also, write the rule and unit of repeat.

a. 

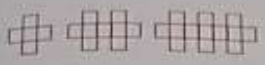
Rule: Add 1 square and 2 triangles

Unit of Repeat: 1 square and 2 triangles

b. 

Rule: Add 1 square 1 triangle

Unit of Repeat: 1 square and 1 triangle

c. 

Rule: .....

Unit of Repeat: .....

d. 5, 10, 15, 20, 25, 30, 35, 40

Rule: Add 5

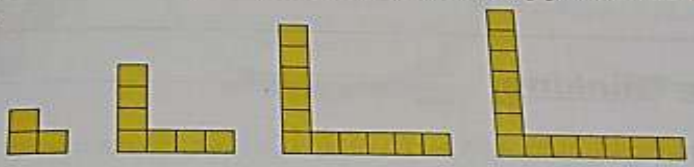
Unit of Repeat: 5

e. 21, 28, 35, 42, 49, 56, 63, 70

Rule: Add 7

Unit of Repeat: 7

2. Write **YES** if the given pattern is a decreasing pattern and **NO** if it is not.

a. 

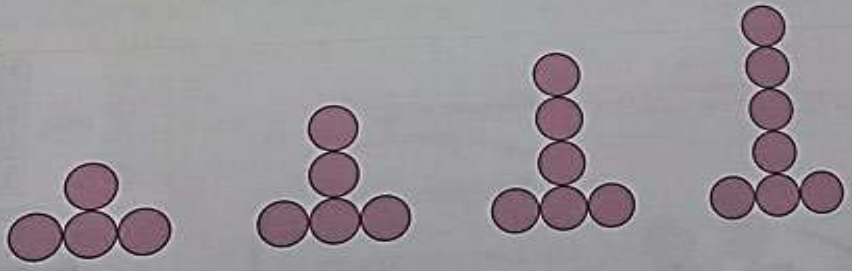
NO

b. 

YES

c. 

YES

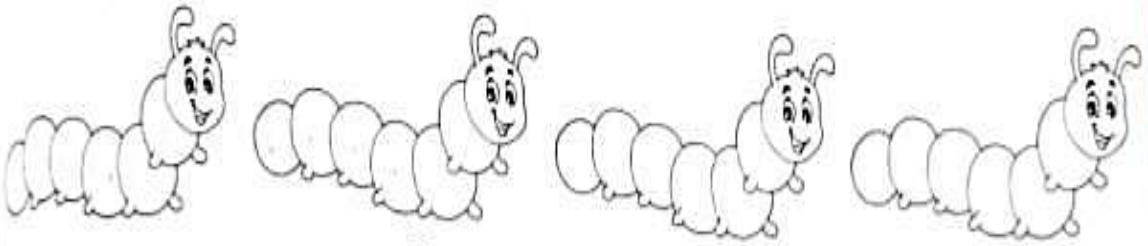
d. 

NO

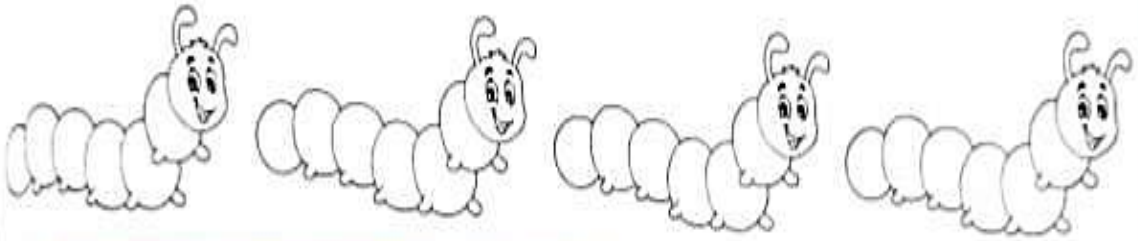
(H.W.)

3. Colour the body of the caterpillar as directed.

Increasing Pattern



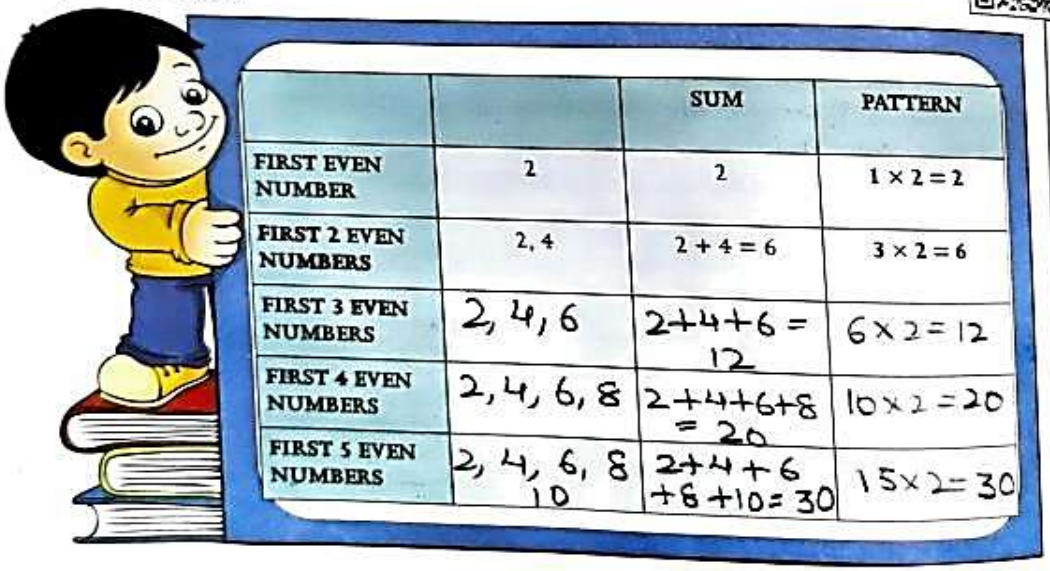
Decreasing Pattern



Exercise 8.3

INT

1. Complete the table.



		SUM	PATTERN
FIRST EVEN NUMBER	2	2	$1 \times 2 = 2$
FIRST 2 EVEN NUMBERS	2, 4	$2 + 4 = 6$	$3 \times 2 = 6$
FIRST 3 EVEN NUMBERS	2, 4, 6	$2+4+6 = 12$	$6 \times 2 = 12$
FIRST 4 EVEN NUMBERS	2, 4, 6, 8	$2+4+6+8 = 20$	$10 \times 2 = 20$
FIRST 5 EVEN NUMBERS	2, 4, 6, 8, 10	$2+4+6+8+10 = 30$	$15 \times 2 = 30$

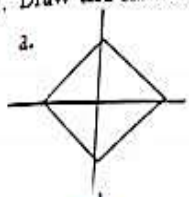
1. Circle the letter that should come next in the pattern.

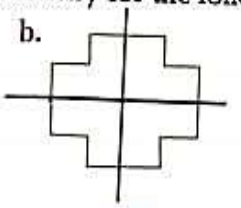
BABABABABABABABABABAB	(A)	B	C
ABBABBABBABBABBABBABB	(A)	B	C
CABCABCABCABCABCABCA	A	(B)	C
AABCAABCAABCAABCAAB	A	B	(C)
ABCCABCCABCCABCCABCCAB	A	B	(C)

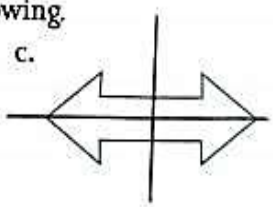
INT

Exercise 8.4

1. Draw the line of symmetry for the following.

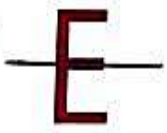
a. 

b. 

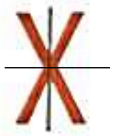
c. 

d. 

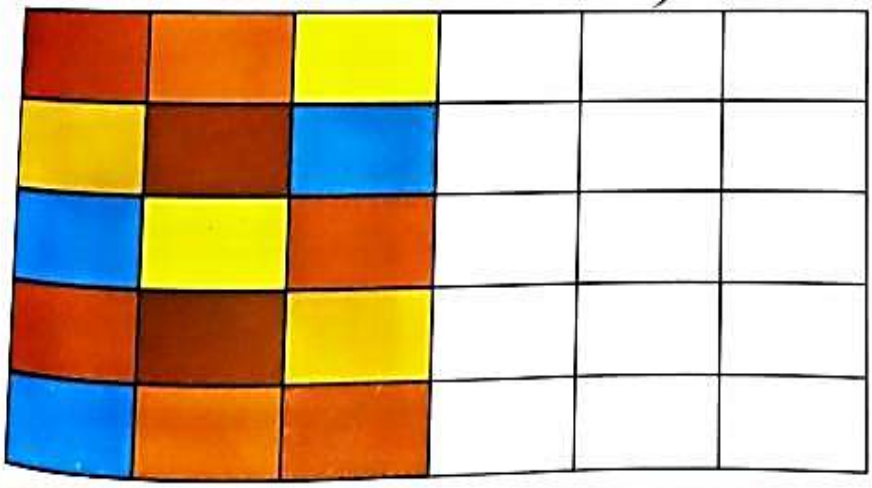
e. 

f. 

g. 

h. 

2. Use colours to make a symmetrical pattern. (H·W)



INT

NOTEBOOK WORK:

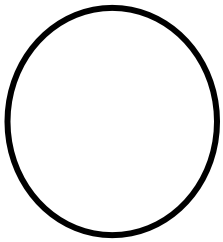
COMPETENCY BASED QUESTIONS

1. What are the missing numbers in the pattern? 34, 38, 42, 46,_____.

Ans: The rule of the pattern is to

add 4 46 + 4 = 50

2. How many lines of symmetry does the following figure have?



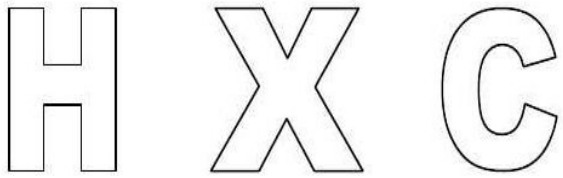
Ans: Infinite (many, uncountable)

3. Observe the pattern and continue it.

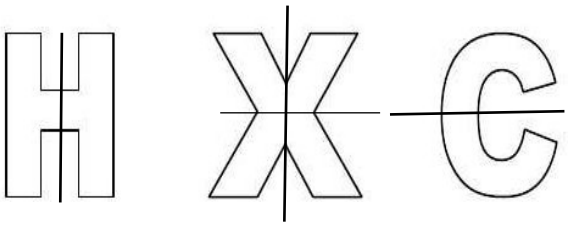
100AB, 200BC, 300CD, 400DE, ___, _____,_____

Ans: 500 EF, 600 FG, 700 GH,

4. Draw lines of symmetry for the following Alphabets?



Ans:



5. Write the alphabets that does not have lines of symmetry.

Ans: F, G, J, L, N, P, Q, R, S, and Z.

DELHI PUBLIC SCHOOL GANDHINAGAR

ACADEMIC SESSION: 2025 - 26

CLASS: 3 SUBJECT: MATHS

CHAPTER 5: DIVISION

OCTOBER MONTH

- Division is repeated subtraction.
- The answer of division is quotient.
- Dividend ÷ divisor = quotient

EXERCISE:5.1

1. Solve the given problems using repeated subtraction method.
   a) 18 ÷ 6 = 3
   18 – 6 = 12 (1st time)
   12 – 6 = 6 (2nd time)
   6 – 6 = 0 (3rd time)
   So, 18 ÷ 6 = 3

   c) 28 ÷ 4 = 7

   28 – 4 = 24 (1st time)

   24 – 4 = 20 (2nd time)

   20 – 4 = 16 (3rd time)

   16 – 4 = 12 (4th time)

   12 – 4 = 8 (5th time)

   8 – 4 = 4 (6th time)

   4 – 4 = 0 (7th time)

   So, 28 ÷ 4 = 7

2. Say Yes or No for each statement. Write the correct answer for the incorrect statement in the blanks.
   a) 36 ÷ 4 = 8
   Ans: No correct answer is 9
   b) 80 ÷ 8 = 10
   Ans: Yes ,8 x 10=80

3. Help Manisha and her friends solve these garden puzzles.

a) There are 15 butterflies in total in a garden. On one flower, there are 3 butterflies each. How many flowers are there in the garden?

Solution :
Number of butterflies = 15
Number of butterflies on one flower = 3
Number of flowers = 15 ÷ 3 = 5
Ans : There are 5 flowers in the garden.

EXERCISE 5.2

1. Match the following with the correct term.

a) 24 ÷ 8 , here the quotient is	i) 9
b) 21 ÷ 3 , here the dividend is	ii) 4
c) 49 ÷ 7, here the remainder is	iii) 21
d) 81 ÷ 9 , here the quotient is	iv) 0
e) 36 ÷ 4 , here the divisor is	V) 3

a) v b) iii c) iv d) i e) ii

EXERCISE 5.3(omitted)

EXERCISE 5.4

1. Fill in the blanks.

a) If 30 ÷ 5 = 6, then 6 x 5 = <u>30</u>

c) If 56 ÷ 7 = 8, then <u>8</u> x 7 = 56

e) If 20 ÷ 5 = 4, then 20 ÷ 4 = <u>5</u>

3. Vasu gave 20 biscuits to 4 dogs to eat. Each dog got 5. If he has to give 30 biscuits to 5 dogs, then how many biscuits will each dog get?

Solution:
Total number of biscuits = 30
Number of dogs = 5
Number of biscuits each dog got = 30 ÷ 5 = 6

Ans: Each dog will get 6 biscuits.

EXERCISE 5.5

1. Divide.

a)

	0 6	
7	4 2	
--	4 2	
	0 0	

d)

	2 1	
4	8 4	
--	8	
	0 4	
-	4	
	0	

e) 50 ÷ 5 (H.W)

2. Divide the following using long division method. Write the quotient and the remainder.

a)

	0 4	
5	2 4	
--	2 0	
	0 4	

Quotient = 4 Remainder = 4

c)

	1 1	
7	8 1	
--	7	
	1 1	
-	7	
	0 4	

Quotient = 11 Remainder = 4

e) 89 ÷ 8 (H.W)

3. Fill in the blanks.

a) 85 ÷ 6 gives quotient = 14 remainder = 1

c) 26 ÷ 7 gives quotient = 3 remainder = 5

e) 75 ÷ 2 gives quotient = 37 . remainder = 1

4. Match the following with their remainder.

a) 34 ÷ 3	i 0
b) 29 ÷ 8	ii 4
c) 16 ÷ 4	iii 1
d) 70 ÷ 6	iv 5

Ans: a) iii b) iv c) i d) ii

1. Divide

EXERCISE 5.6

a) 648 ÷ 8

	0	8	1
8	6	4	8
-	0		
	6	4	
-	6	4	
	0	0	8
-			8
			0

Quotient = 81 Remainder = 0

c) 528 ÷ 3

	1	7	6
3	5	2	8
-	3		
-	2	2	
	2	1	
	0	1	8
-		1	8
		0	0

Quotient = 176 Remainder = 0

d) 724 ÷ 4 (H.W)

2. Divide the following using long division method. Write the quotient and the remainder.

b) 261 ÷ 6

	0	4	3
6	2	6	1
-	0		
	2	6	
-	2	4	
	0	2	1
-		1	8
		0	3

Quotient = 43 Remainder = 3

d) 956 ÷ 9

	1	0	6
9	9	5	6
-	9		
	0	5	
-		0	
	0	5	6
-		5	4
	0	0	2

Quotient = 106 Remainder = 2

3. Solve the following and connect the arrows.
   a. 619 ÷ 7 i) Quotient = 304 No Remainder
   b. 831 ÷ 4 ii) Quotient = 88 Remainder = 3
   c. 912 ÷ 3 iii) Quotient = 207 Remainder = 3

Ans: a – ii, b – iii, c – i

4. Rushla had 194 crayons. She distributed them to 4 of her friends. The crayons that were left, she kept with herself. Help her find the; dividend, divisor, quotient and remainder

	0	4	8
4	1	9	4
-	0		
	1	9	
-	1	6	
	0	3	4
-		3	2
		0	2

dividend = 194 divisor = 4 quotient = 48 and remainder =2

EXERCISE 5.7 (omitted)

EXERCISE 5.8

1. Using properties of division, solve the following.
   a) 45 ÷ 1 = 45 c) 0 ÷ 3 = 0
   b) 78 ÷ 78 = 1 d) 0 ÷ 811 = 0

2. Fill in the blanks with the correct answer.
   b) Joya has 60 chocolates for 60 days, so far 1 day she has _____ chocolates.
   Ans 60 ÷ 60 = 1
   c) It is possible to get 3 as an answer if we divide 34 by 34.
   Ans Not

3. i) What quotient do we get on dividing 99 by 1?
   a. 1 b. 4 c. 99 d. 0
   Ans c. 99
   ii) What happens when we divide 600 by 600?
   a. We sometimes get 1.
   b. We always get 1.
   c.We get a magic candy from Santa.
   Ans b. We always get 1.
   iii) How do we quickly solve this- 0 ÷ 10?
   a. We use number line.
   b. We use long division.
   c. We know it is 0 from properties of division
   Ans c. We know it is 0 from properties of division

EXERCISE 5.9

1. State True or False.

a. Any number divided by 10 leads to 1 being the answer. _____

Ans: False

b. 450 ÷ 10 will give 45 as the remainder. ____

Ans: False

c. 5610 ÷ 10 = 561. _____

Ans: True

2. Help Froggie to quickly divide the following division sums.

a. 871 ÷ 10: Quotient = ___, Remainder = ____.

Ans: Q =87, R = 1

d. 8440 ÷ 10: Quotient = ___, Remainder = ____.

Ans: Q = 844, R = 0

e) 9300÷ 10: Quotient = ___, Remainder = ____.

Ans: Q = 930, R = 0

EXERCISE 5.10

1. I have 18 balloons. I tie equal number of balloons on 3 poles. How many balloons does each pole have?

Solution:

Number of balloons = 18

Number of poles = 3

Number of balloons each pole has = 18 ÷ 3 = 6

Ans: Each pole has 6 balloons.

2.Olivia had 60 dresses. She donated the dresses to 4 organizations equally. How many did she give to each organization?

Solution:

Number of dresses Olivia had = 60

Number of organizations = 4

Number of dress gave to each organization = 60 ÷ 4 = 15

Ans: She gave 15 dresses to each organization.

6. Delilah drinks 6000 ml water in 4 days. How much water does she drink every day?

Solution:

Quantity of water Delilah drank = 6000 ml

Number of days = 4

Quantity of water she drank everyday = 6000 ÷ 4

= 1500 ml

Ans: She drank 1500 ml of water every day.

COMPETENCY BASED QUESTIONS

1. The dividend in 72 ÷ 8 = 9 is _____
   Ans: 72
2. 56 ÷ 7 = 8 , Write another division fact for 56.
   Ans: 56 ÷ 8 = 7
3. 36 ÷ _____ = 9
   Ans: 4
4. If we divide the greatest 3-digit number by 3, the product is____
   Ans: 333
5. 12 apples: 4 bowls. How many apples in each bowl?
   Ans: 3 apples.

REFLECTION:

I have learnt

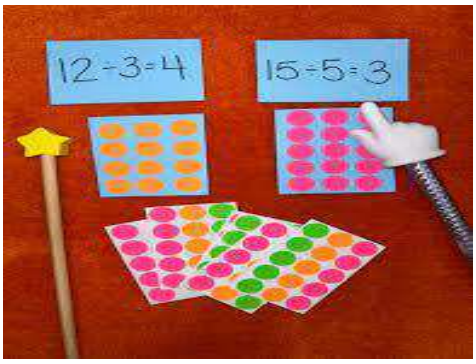
1. terms of division and
2. properties of division.
3. to divide 2 and 3- digit numbers by 1- digit number.

Google form link:

https://forms.gle/g91q1UrfivinkTGz8

SEA – 2

DIVISION FACTS USING RAJMA AND ICE TRAY



DELHI PUBLIC SCHOOL, GANDHINAGAR CLASS: 3

SUBJECT: MATHS

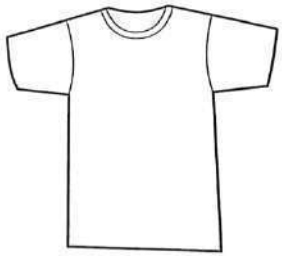
Academic Session :2025-26

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 = **6**

Number of curved lines = **5**

Plane Shapes

Scientific Proficiency | Conceptual understanding

SVID

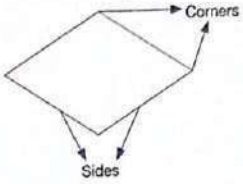
The shapes which have only 2 dimensions – length and width – are called plane shapes or 2-dimensional shapes. For example, triangle, rectangle, square, circle and oval are all plane shapes or 2-dimensional shapes.

Every plane shape has sides and corners.

The lines that form a shape are known as **sides**.

The point at which two sides meet is a **corner**.

Let us take a look at plane shapes and their attributes.



SQUARE
4 equal sides
4 corners

RECTANGLE
4 sides (opposite sides are equal)
4 corners

TRIANGLE
3 sides
3 corners

CIRCLE
No sides
No corners

OVAL
No sides
No corners

Name the plane shapes which are made of curved lines and shapes which are made of straight lines.

Here, all the given real-life examples have a common shape.

The shape is a .....

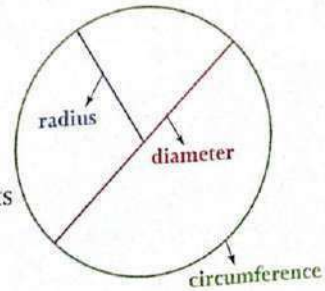
We know that a circle is a closed shape with no sides or corners.

Terms Related to Circle

The outline or the boundary of a circle is called circumference.

The distance between any point on the circumference and the centre is called the radius of the circle.

A straight line that runs from one end of the circle to its opposite end is called the diameter of the circle.



In all the figures given above, the ends meet. So, they are called closed figures. If the ends do not meet and the figures are open, they are called open figures.

Exercise 7.2

1. **Who am I?**

   a) All my sides are equal. **Square**

   b) I 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

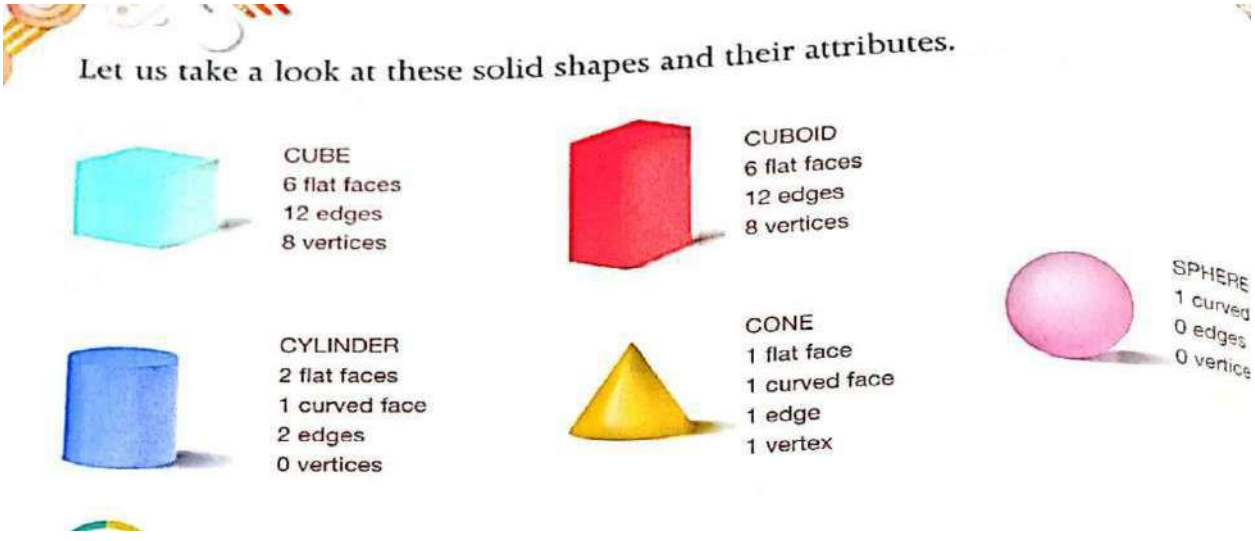
3. **Fill in the blanks.**

   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.**



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.

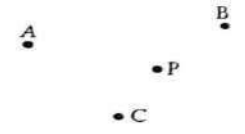
2. Complete the table.

	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

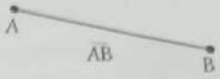
Scientific Proficiency — Conceptual understanding

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.

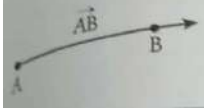


ine is a straight path which can be extended in both directions. A line is represented by a small letter, say e.

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



ray is a part of a line which has a starting point but no ending point. It is also presented 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.**

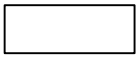
c. A portion of line which has two end points is called a **line segment.** $\overline{AB}$

d. The following diagram is represented as ray

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)**

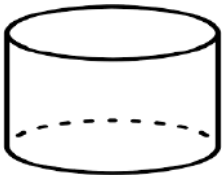
Competency Based Questions

1.This is a shape of a rectangle. 

It has 4 corners. Name one another shape which has exactly four corners. Draw the shape.

Ans: Square

2.Identify the shape and write its faces, edges and vertices.

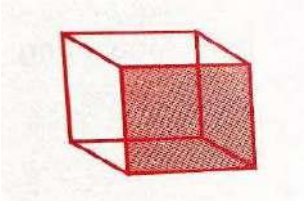


Number of faces = **2 flat, 1 curved**

Number of edges = **2**

Number of vertices = **0**

3. Name the shape of shaded face.



(A) Square (B) Circle (C) Pentagon (D) Triangle

4.Which of these have exactly 5 corners?

Ans: (A) Pentagon

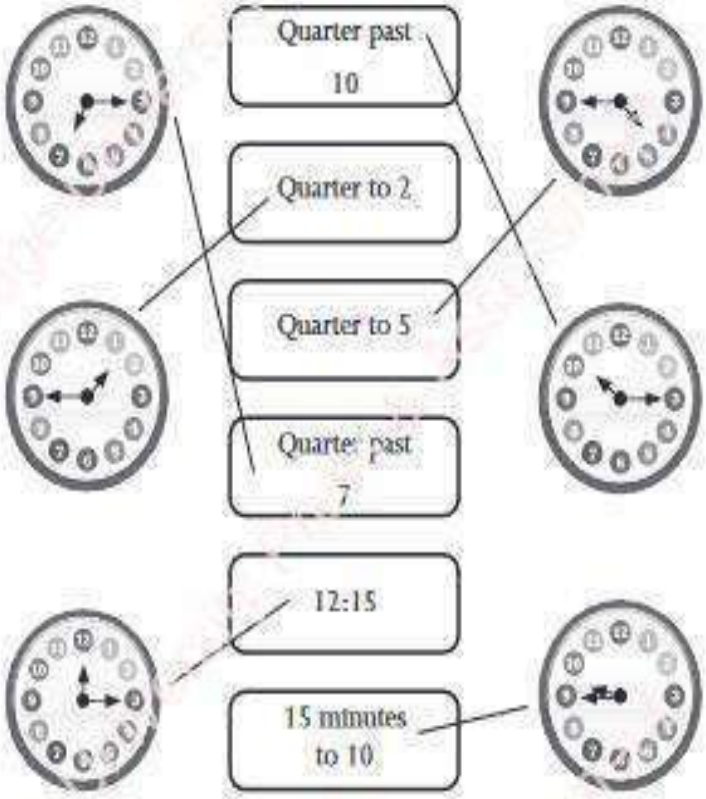
5.Which of the following is a 3-D shape?

Ans: (D) Cone

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

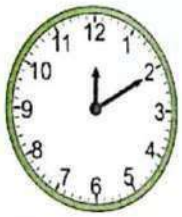
1. Read the clocks and write the time correctly.

a. 

8:20

b. 

5:50

c. 

12:10

d. 

10:40

e. 

5:55

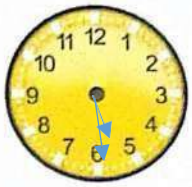
f. 

11:35

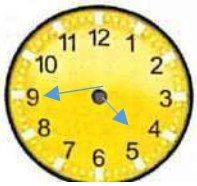
2. Read the statements and draw the hands showing the end time on the clock face.

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

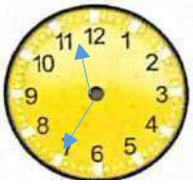
Jaideep works in his garden for 30 minutes every day. He starts at 5 o'clock. At what time will he finish his work?



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?

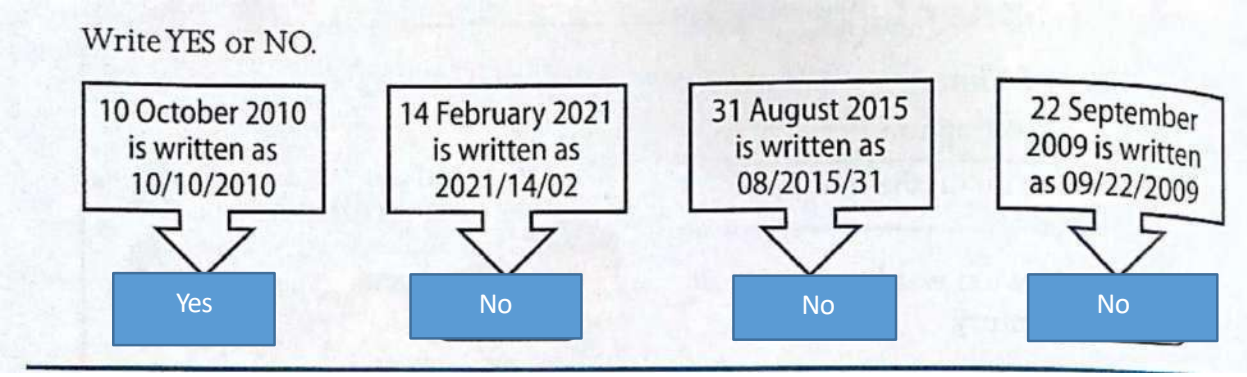


Exercise 10.3

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



Competency Based Questions

1. 8 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

3.Sarthak went to the park for 30 minutes at 4:30. What time will it be when he returns?

a. 5:00 b. 4:55 c. 5:10 d. 5:15

4. Assertion (A): A half-hour is the same as 30 minutes.
Reason (R): There are 60 minutes in one hour.

Which of the following is true?

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

5."If the MINUTE hand of a clock is at 6, the time shown by the clock could be".

a. 09:20 b. 12:00 **c. 02:30** d. 06:00

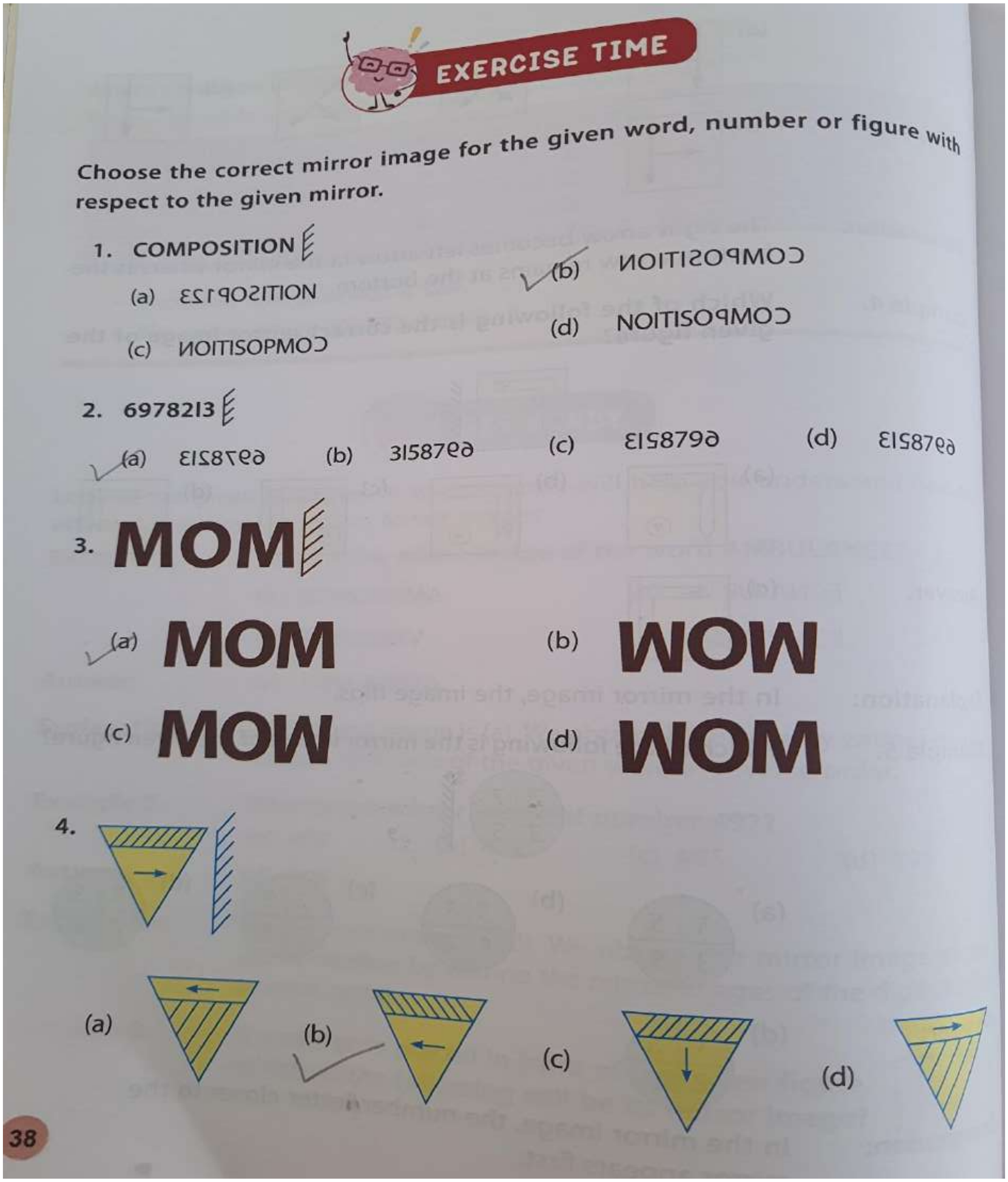
Reflection:

I have learnt: -

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

Thinking Skills

Chapter-4 Mirror Images



EXERCISE TIME

Choose the correct mirror image for the given word, number or figure with respect to the given mirror.

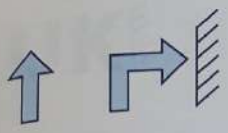
1. COMPOSITION
   (a) (b) (c) (d)

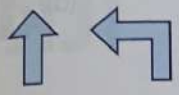
2. 6978213
   (a) (b) (c) (d)

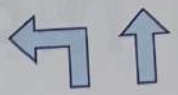
3. MOM
   (a) (b) (c) (d)

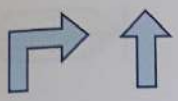
4. (a) (b) (c) (d)

38

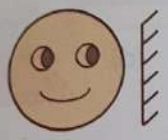
5. 

(a) 

(b) 

(c) 

(d) 

6. 

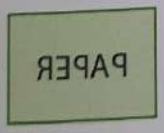
(a) 

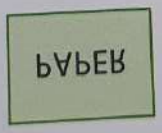
(b) 

(c) 

(d) 

7. 

(a) 

(b) 

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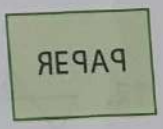
(d) 

8. 

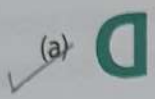
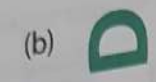
(a) 

(b) 

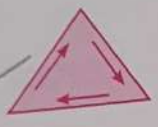
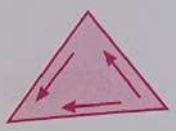
(c) 

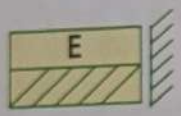
(d) 

9. 

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

10. 

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

11. 

(a) 

(b) 

(c) 

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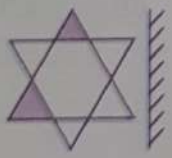
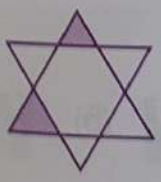
12. 

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

13. IJK

(a) IJK (b) KJI (c) IJK (d) IJK

14.

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

15.

(a)

(b)

(c)

(d)

16. Z

(a) N (b) Z (c) Z (d) N

17.

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

18. COMPUTER

(a) RETUPMOC (b) RETUPMOC

(c) COMPUTER (d) COMPUTER

19. 96

(a) 96 (b) 96 (c) 96 (d) 96

20. 7:56

(a) 7:56 (b) 7:56 (c) 7:56 (d) 7:56

21. 1234

(a) 1234 (b) 1234 (c) 1234 (d) 1234

22. F5G7H9

(a) ✓ F5G7H9

(b) F5G7H6

(c) F5G7H5

(d) F5GFH9

23.

B	8
4	2

(a) ✓

8	B
2	4

(b)

B	8
4	2

(c)

B	8
4	2

(d)

B	8
4	2

24.

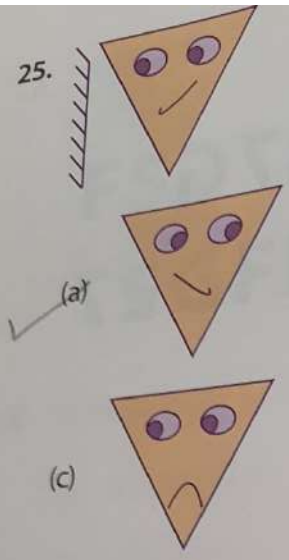
(a)

(b)

(c)

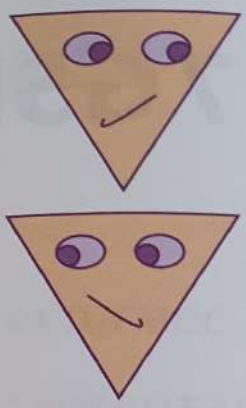
(d) ✓

25.



(a)

(b)



(c)

(d)

BRAIN BOOSTER

Why is the word AMBULANCE written on the front portion of ambulance as a mirror image? Choose the correct option.

(a) It looks attractive.

(b) Rear view mirror of any other vehicle in front of it shows AMBULANCE.

(c) The van is going back to hospital.

(d) The patient's health is down.

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3 SUBJECT: MATHS

Academic Session 2025-26

CHAPTER 4 MULTIPLICATION (JULY MONTH)

Introduction (EXPLANATION ONLY)

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

(In notebook)

	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

5. 5 × 8 = 40

7. 9 × 7 = 63

H.W. 9. 3 × 8 =___

Exercise 4.2

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

a.

	H	T	O
		2	3
×			2
		4	6

c.

	H	T	O
		3	3
×			3
		9	**9**

d. 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

d.

	H	T	O
		4	2
×			2
		4	4

Correct answer

	H	T	O
		4	2
×			2
		8	4

e. H.W.

Exercise 4.3

Q.1. Multiply the following sums.

a.

	H	T	O
	3	2	1
×			3
	9	6	3

c.

	H	T	O
	4	3	2
×			2
	8	6	4

f.

	H	T	O
	1	1	
	1	4	4
×			4
	5	7	6

2. Solve:

b. 321 × 2 = **642**

	H	T	O
	3	2	1
×			2
	6	4	2

d. 264 × 3 = **792**

	H	T	O
	1	1	
	2	6	4
×			3
	7	9	2

e. 427 × 2 = **854**

	H	T	O
		1	
	4	2	7
×			2
	8	5	4

Exercise 4.4

Q.1. Multiply the following.

a. 33 × 22

	H	T	O
		3	**3**
×		**2**	**2**
		6	6
+	6	6	0
	7	**2**	**6**

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
	2	1	
		6	**3**
×		**1**	**4**
	2	5	2
+	6	3	0
	8	**8**	**2**

d.

	Th	H	T	O
	2	2		
		1	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**

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.

Comptency Based Questions:

1. The same number has to be put in BOTH the boxes below. What is the number? Fill in the blank

3	x	27	=	**9**	x	**9**

2. Assertion (A): 4 times 5 is the same as 5 groups of 4.
   Reason (R): Multiplication is the same as repeated addition.
   Which of the following best describes the relationship between the assertion and the reason?
   a) Both A and R are true, and R is the correct explanation of A.
   b) Both A and R are true, and R is not the correct explanation of A.
   c) A is true, but R is False.
   d) A is false, but R is true.

   Ans: Option a)

3. Fill in the blank:

   380 x **0** = 0

4. What is the product of face value and place value of digit 3 in 4379?

   Ans: 300 x 3 = 900

5. Fill the correct number:

   7 x 5 = **5** x 7

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.

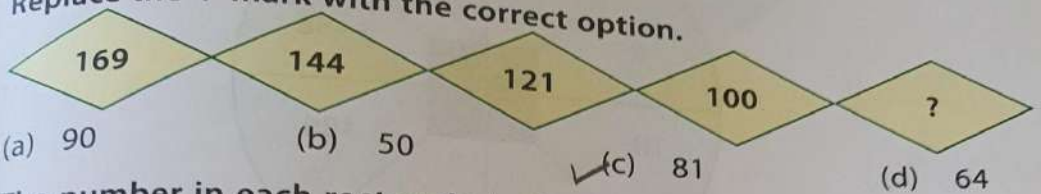
Thinking Skills

Chapter-2 Patterns

EXERCISE TIME

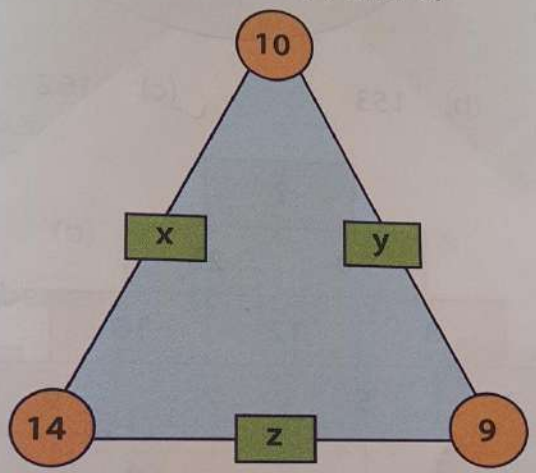
Type A

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



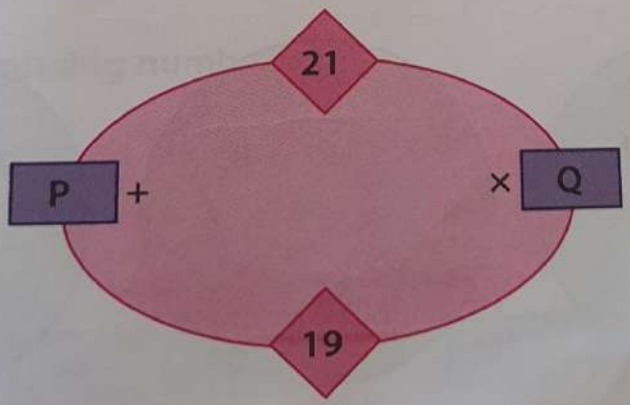
(a) 90 (b) 50 (c) 81 (d) 64

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

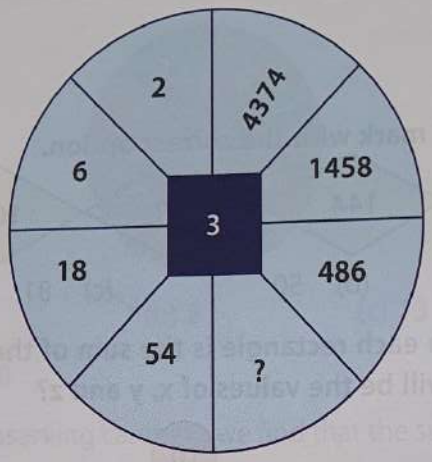
3. What will be the values of P and Q?



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

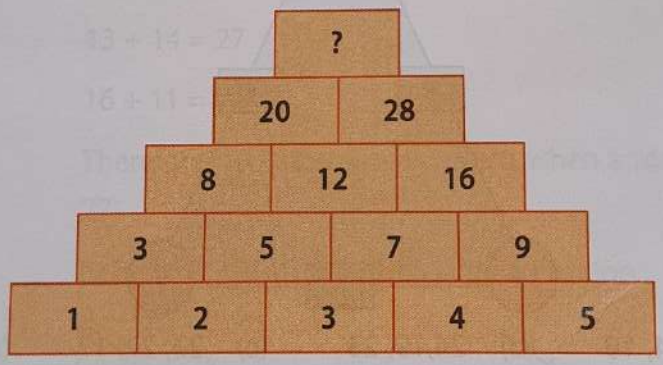
Type B Replace the '?' mark with the correct option.

4.



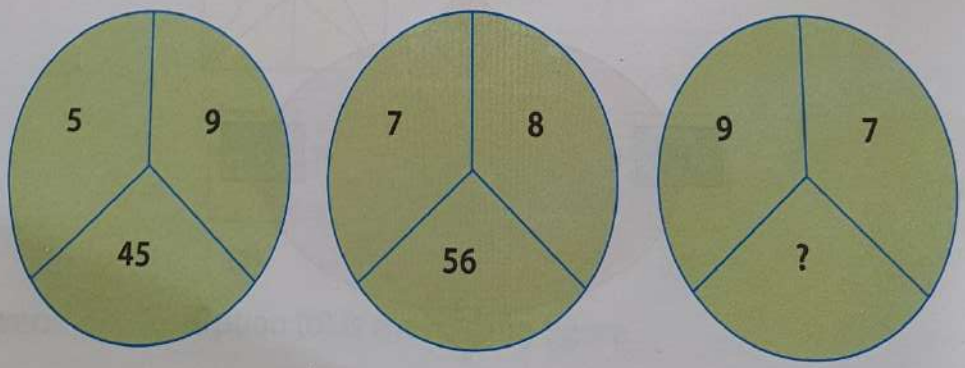
(a) 80 (b) 153 (c) 162 (d) 224

5.

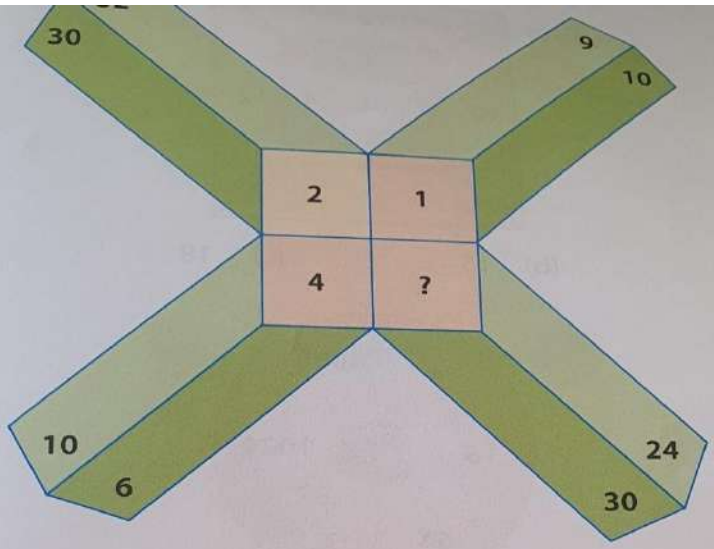


(a) 30 (b) 40 (c) 48 (d) 58

6.

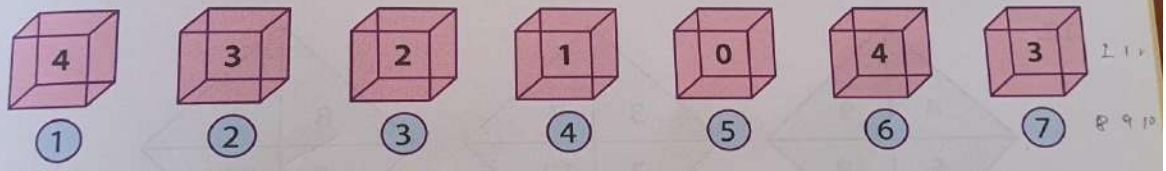


(a) 48 (b) 63 (c) 58 (d) 67



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

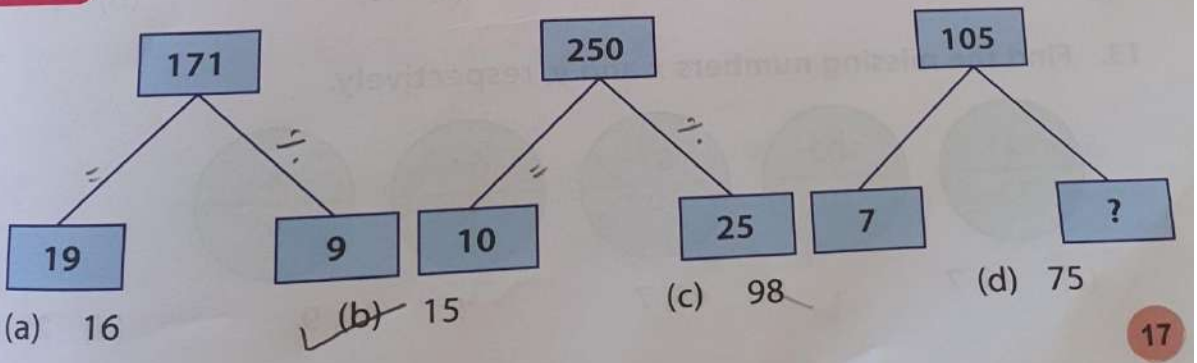
8. **What is the number on the 10th cube?**



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

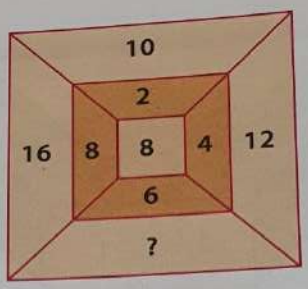
Type C **Find the missing number.**

9.



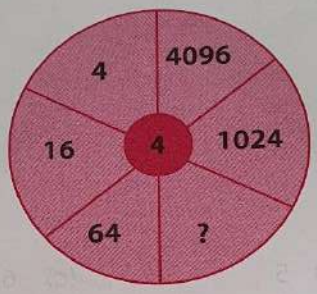
(a) 16 (b) 15 (c) 98 (d) 75

10.



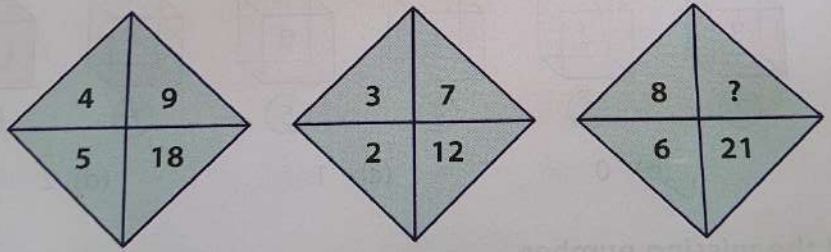
(a) 14 (b) 15 (c) 18 (d) 75

11.



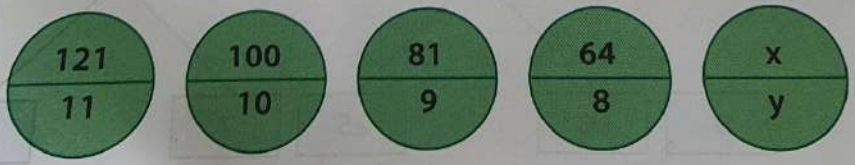
(a) 84 (b) 258 (c) 224 (d) 256

12.



(a) 17 (b) 8 (c) 9 (d) 2

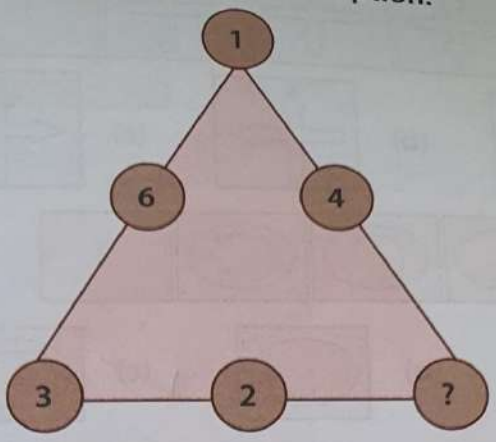
13. **Find the missing numbers x and y, respectively.**



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

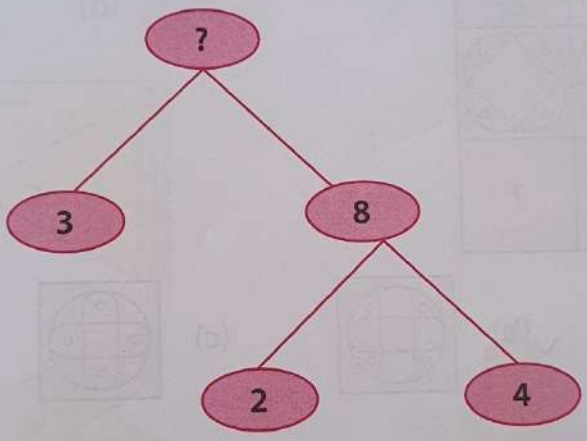
Type D Replace the '?' mark with the correct option.

14.



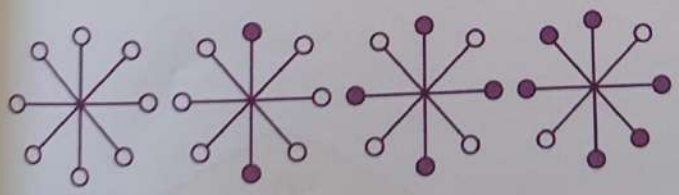
(a) 2 (b) 3 (c) 4 (d) 5

15.

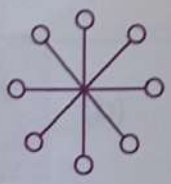
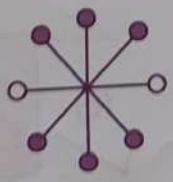
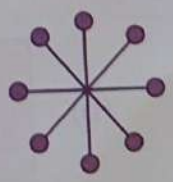
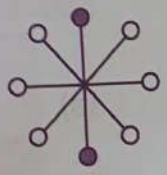


(a) 5 (b) 24 (c) 11 (d) 15

16.



?

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

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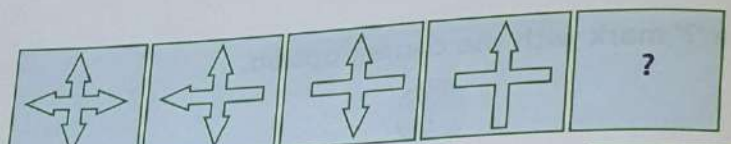
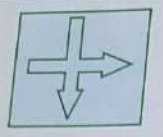
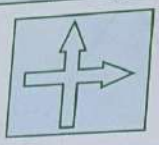
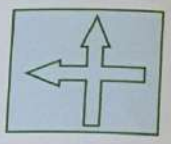
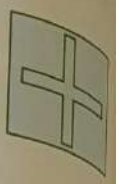


(a)  (b)  (c)  ✓(d) 

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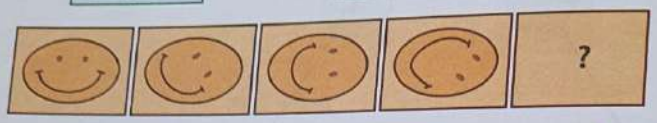
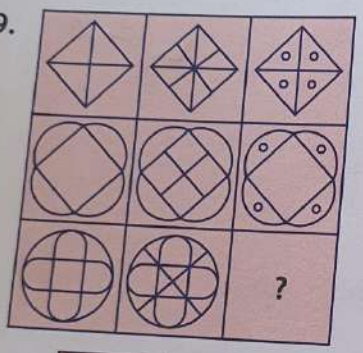
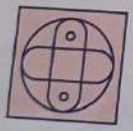
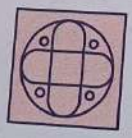
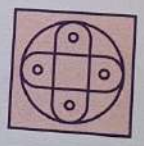
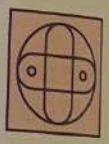


(a)  (b)  ✓(c)  (d) 

19.



(a)  ✓(b)  (c)  (d) 

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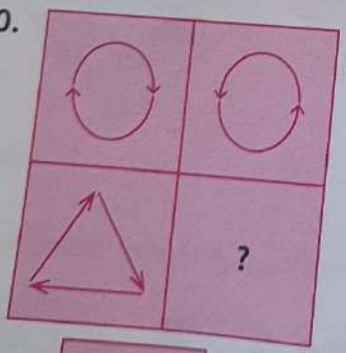
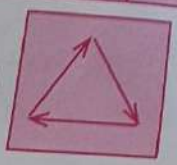
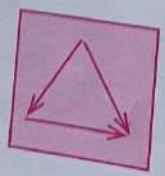
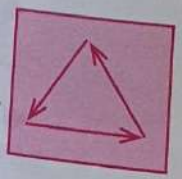


(a)  (b)  ✓(c)  (d) 

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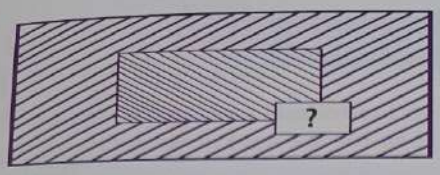
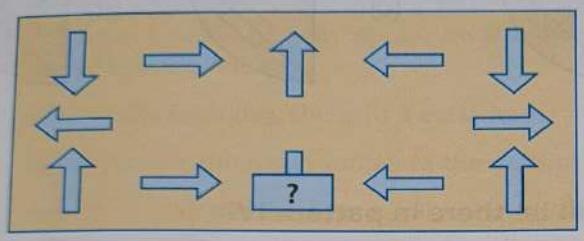


(a) 
(b) 
(c) 
(d) 

22.



(a) 
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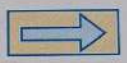
(c) 
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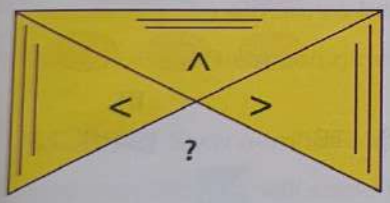


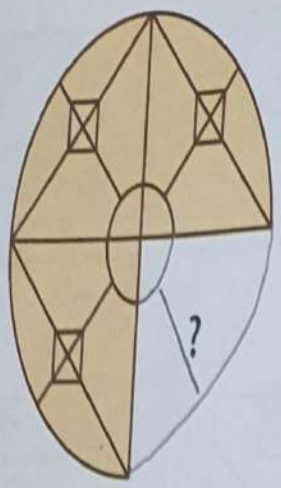
(a) 

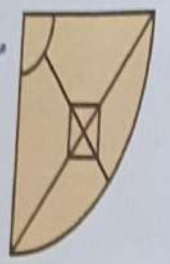
(b) 

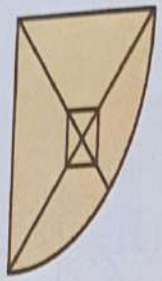
(c) 

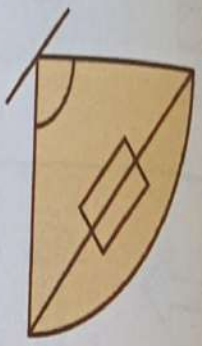
(d) 

24.



(a) 

(b) 

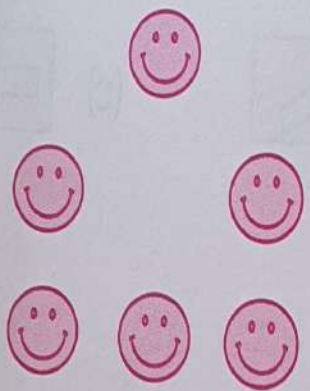
(c) 

(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

Thinking Skills

Chapter-3

Coding-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

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3 **SUBJECT: MATHS**

CHAPTER- 3

SUBTRACTION (JUNE STUDY MATERIAL)

Academic Session 2025-26

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**

c. H.W.

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

e.

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

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)

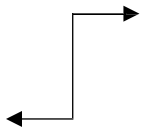
4038 – 2574	**1464**
8527 – 375	**8152**
6752-3827	**2925**
9526-6873	**2653**
7800 - 1786	**6014**

Exercise 3.5

Subtract and check your answer.

1.

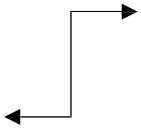
	Th	H	T	0
	2	9	12	10
	3	0	3	0
-	1	3	8	8
	1	**6**	**4**	**2**



	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**

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**

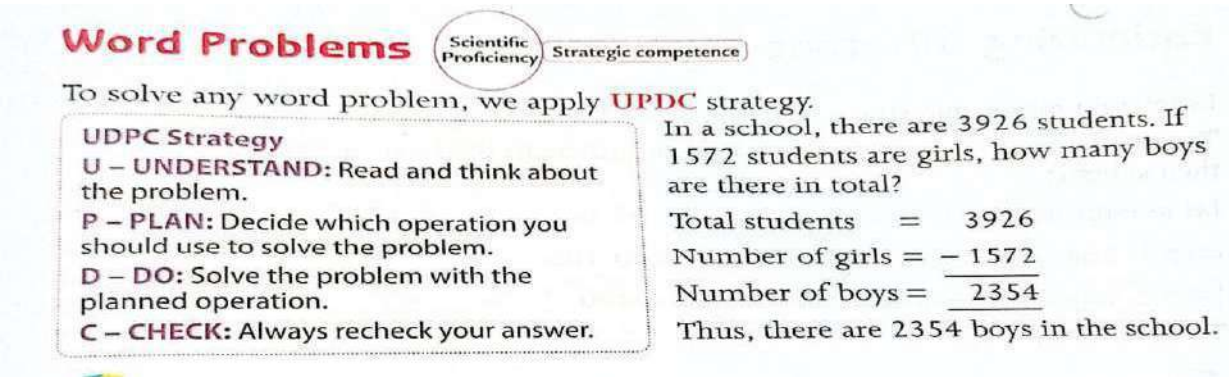
2. State True or False.

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?

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.

4.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.

5. 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

Q1. Find 100 less than the smallest 4-digit number.

Ans: 1,000 – 100 = 900

Q2. The difference between 456 tens and _____is 2456. What number should come in the blank?

Ans: 456 tens = 4560

4560 – 2456 = 2,104

Q3. Compare the following: (Put the sign < , > , =)

4 thousands 3 hundreds 2 tens 6 ones ≥ 4 thousands 3 hundreds 1tens 6 ones

Ans: 4326 > 4316

Q4. Subtract the smallest 4-digit number from the greatest 4-digit number.

Ans: 9,999 – 1,000 = 8,999

Q5. The difference of two numbers is 7200. If one of the numbers is 8000, what will be the other number?

Ans: 8,000 – 7,200 = 800

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3 **SUBJECT: MATHS**

Academic Session 2025-26

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. 6 6 0 7 = 6000 + 600 + 7
5. 9730 = 9 thousands + 7 hundreds + 3 tens
6. 5010 = 5 x 1000 + 1 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
e. 303 $\leq$ 3030
f. 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

d.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

e. 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 and 1520.
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: 34
Here, 4 < 5
So, 34 is rounded down to 30.

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

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

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

a. 236
Ans: 236
Here, 3 < 5
So, 236 is rounded down to 200.

c. 2103
Ans: 2103
Here, 0 < 5
So, 2103 is rounded down to 2100.

d. 1758
Ans: 1758
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:

1) Seventy-nine can be written as
(a) 7 + 9 (b) 7 + 90 (c) 70 + 90 **(d) 9 + 70**

2) The number which comes just after 5 TENS is

(a) 16 (b) 49 **(c) 51** (d) 60

3) Ann has the following number cards. Using these two cards, she can make a number between:

6	2

(a) 20 and 25 **(b) 25 and 30** (c) 50 and 60 (d) 70 and 80

4) 3 equal sized boxes are completely filled with fruits - Box 1 with grapes, Box 2 with apples and Box 3 with melons. Which box has the greatest number of fruits?

(a) Box 1 b) Box 2 (c) Box 3 (d) All have the same number

5. Look at the numbers in this box. Which of the following is true about the numbers in the box?

51		**49**
43	**40**	
	36	

(a) They are all greater than 40 (b) They are all between 30 and 50

(c) They are all between 35 and 55 (d) They are all less than 50

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3 **SUBJECT: MATHS**

Academic Session 2025-26

APRIL AND MAY MONTH

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
		7	6	5
+		5	6	4
	1	**3**	**2**	**9**

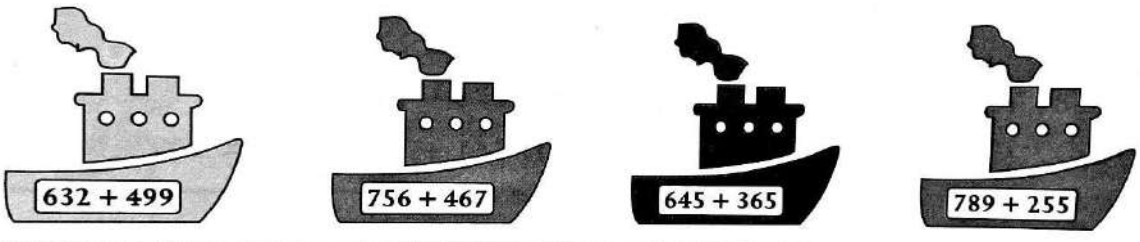
d.

	Th	H	T	0
		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. Add:

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**
	5	8	0	9
+	2	2	2	1
	8	**0**	**3**	**0**

2. Solve the following:

a. 4267 + 1293

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

Exercise 2.6

Read the problems carefully and solve the following.

1. There are 655 cherry trees and 454 plum trees in John's orchard. How many trees are there in total?
Solution:
Number of cherry trees = 655
Number of plum trees = 454
Number of trees in total = 655 + 454

	Th	**H**	**T**	**0**
		6	5	5
+		4	5	4
	1	**1**	**0**	**9**

Ans: There are 1109 trees are there in total.

2. There were 545 students in kindergarten in the year 2000. In the next year 748 more students joined the school. How many students are there now in total?

Solution:

Number of students in kindergarten in the year 2000 = 545

Number of more students in the next year = 748

Number of students in total = 545 + 748

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

Ans: There are 1293 students in total.

8. In the school library, there are 4500 English story books, 2527 Hindi story books and 2025 mental maths books.How many books are there in the library?

Solution:

Number of English story books= 4500

Number of Hindi story books = 2527

Number of mental maths books = 2025

Number of total vegetables in total = 4500 + 2527 + 2025 =

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

Ans: There are 9052 books in the library.

Q6. (H.W.)

CBE QUESTIONS

1. Which number is 18 more than 62?

   (a) 80 (b) 70 (c)56 (d) 44

2. Select the correct option.

   84 is equal to?

   (a) 40 + 80 (b) 8 + 4 **(c) 4 + 80** (d) 8 + 40

3. The next number in the series 105, 110, 115, 120, **125**, **130**

4. Which number should be written in the box below to make the number sentence correct?

   20 > ___+ 10

   (a) 5 (b) 10 (c) 15 (d) 20

5. Sum of the place values of two 5's in 3552 is **550.**

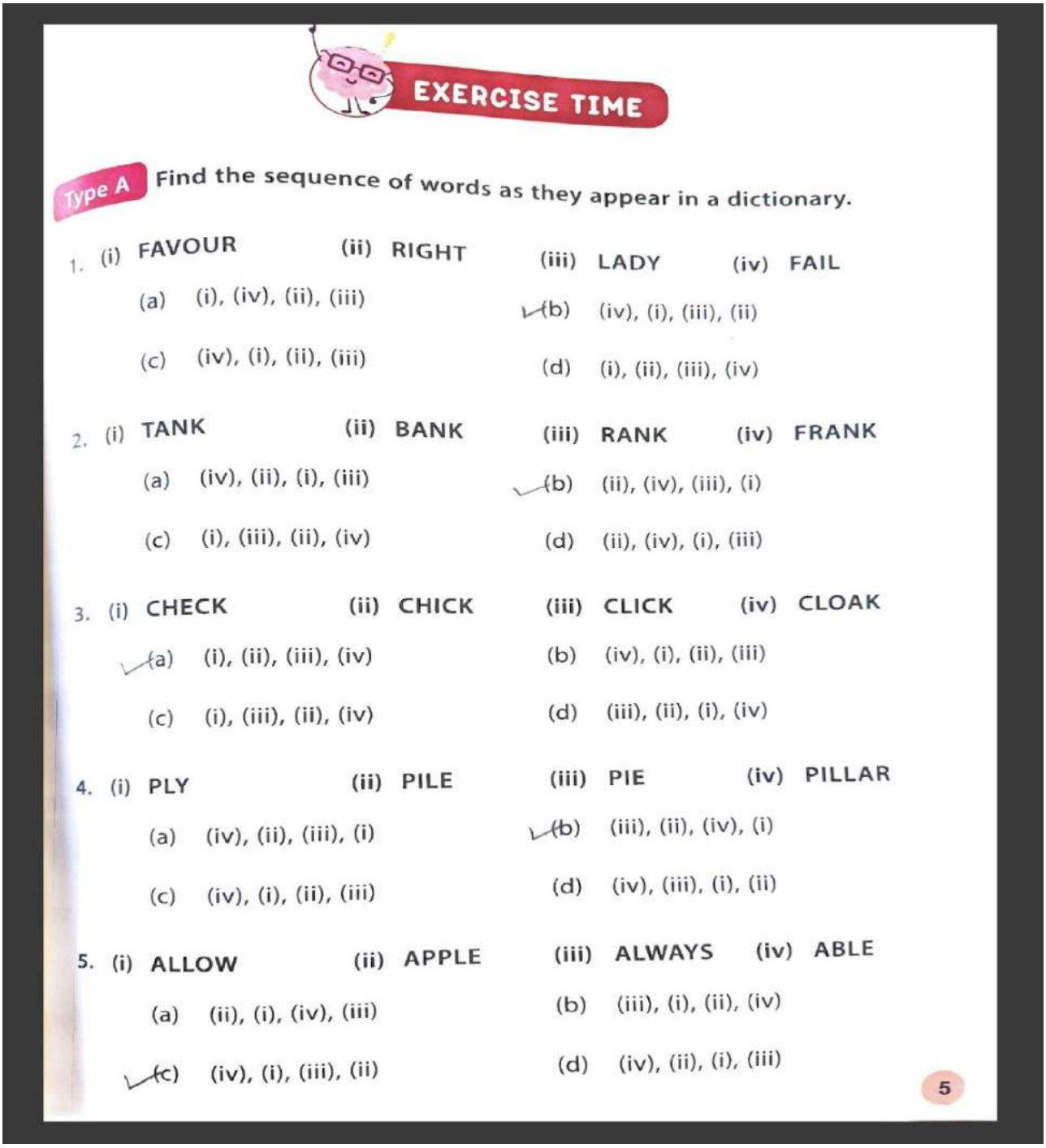
SEA-1

Commutative / Order Property of Addition:

1. **1358 + 2980 = 2980 + 1358**
2. **2290 + 0 = 2290**
3. **3469 + 0 = 0 + 3469**
4. **4900 = 0 + 4900**

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?

Ans: **CHAIR**