

**DELHI PUBLIC SCHOOL, GANDHINAGAR**

**Academic Session :2025-26**

**CLASS: 3 SUBJECT: MATHS**

**CHAPTER: 11 MONEY**

**MONTH: JANUARY**

**Exercise-11.1**

**Q1. Write the given amount in short form.**

- a) Thirty – five rupees twenty- five paise: ₹35.25
- c) Twenty rupees seventy- five paise: ₹ 20. 75
- e) Eleven rupees sixty paise: ₹11.60

**Q2. Write the given amount in long form.**

- a) ₹12.45: Twelve rupees forty-five paise
- b) ₹109.45: One hundred nine rupees forty-five paise
- d) ₹62.75: Sixty-two rupees seventy-five paise
- e) ₹182.30 (H.W)

**Exercise-11.2**

**Q1. Convert the following rupees into paise.**

- a) ₹ 16  
₹ 1 = 100 paise  
₹ 16 =  $(16 \times 100)$  paise  
= 1600 paise
- c) ₹ 45  
₹ 1 = 100 paise  
₹ 45 =  $(45 \times 100)$  paise  
= 4500 paise
- e) ₹ 57  
₹ 1 = 100 paise  
₹ 57 =  $(57 \times 100)$  paise  
= 5700 paise

**Q2. Convert the following paise into rupees.**

- a) 400 paise  
100 paise = ₹ 1  
400 paise =  $(400 \text{ p} \div 100)$   
= ₹ 4
- c) 625 paise  
100 paise = ₹ 1  
625 paise =  $(625 \text{ p} \div 100)$   
= ₹ 6.25
- e) 734 paise  
100 paise = ₹ 1  
734 paise =  $(734 \text{ p} \div 100)$   
= ₹ 7.34

### Exercise-11.3

#### Q1. Add

a)

	₹	2	2	0	.	4	5
+	₹	1	1	5	.	2	0
	₹	3	3	5	.	6	5

c)

				1			
	₹	5	6	7	.	2	5
+	₹	1	2	5	.	7	5
	₹	6	9	3	.	0	0

e)

			1				
	₹	8	1	7	.	5	0
+	₹	1	2	3	.	5	0
	₹	9	4	1	.	0	0

f) HW

#### Q2 Subtract.

a)

	₹	5	0	0	.	7	5
-	₹	3	4	5	.	5	0
	₹	1	5	5	.	2	5

c)

			677			150	
	₹	6	7	8	.	5	0
-	₹	5	4	3	.	7	5
	₹	1	3	4	.	7	5

e)

	₹	7	8	0	.	7	5
-	₹	1	2	5	.	5	0
	₹	6	5	5	.	2	5

#### Q3 Observe the menu card and find out the total money spent by each person.

a) Alok ordered ----- spend in all?

Cost of vada pav =  
 Cost of tomato soup =  
 Cost of fruit salad =  
 Total spending =

			1				
		₹	6	0	.	4	5
		₹	4	0	.	2	5
+		₹	2	5	.	7	5
		₹	1	2	.	4	5

c) Ram ordered ----- spend in all?

Cost of mixed salad =  
 Cost of cold drink =  
 Cost of vada pav =  
 Total spending =

		1			
	₹ 2	0	.	7	5
	₹ 1	8	.	5	0
+	₹ 6	0	.	4	5
	₹ 9	9	.	7	0

Q4. For each bill ----- in each case.

### Bill 2

		1			
	₹ 9	9	.	3	0
	₹ 1	0	.	2	5
+	₹ 2	5	.	5	0
	₹ 4	6	.	0	5

		999			100	
	₹ 1	0	0	0	.	0
-		₹ 4	6	4	.	0
		₹ 5	3	5	.	9

Money returned

### Exercise-11.4

**Q1. Find the cost of the following.**

a) 6 basketballs if 1 basketball costs ₹ 85.50

Cost of 1 basketball =  
 Cost of 6 basketballs =

		3			
		₹ 8	5	.	5
	×				0
	₹ 5	1	3	.	0

c) 9 pens if 1 pen's cost is ₹ 24.25

Cost of 1 pen =  
 Cost of 9 pens =

		2			
	₹ 2	4	.	2	5
×					9
	₹ 2	1	8	.	2

**Q2. What is the cost of following fruits brought by your grandmother?**

a) Cost of 1 pineapple = ₹ 58.60

$$\text{Cost of 2 pineapples} = 2 \times \text{₹ 58.60}$$

$$= \text{₹ 117.20}$$

c) Cost of 1 orange = ₹ 32.50

$$\text{Cost of 6 oranges} = 6 \times \text{₹ 32.50}$$

$$= \text{₹ 195.00}$$

**Q3 Find the cost of the following.**

a) 1 bag if 8 bags cost ₹ 824.

$$\begin{array}{r} \text{₹ 1 0 3} \\ 8 \big) 8 \ 2 \ 4 \\ - 8 \\ \hline 2 \ 4 \\ - 2 \ 4 \\ \hline 0 \ 0 \end{array}$$

$$\text{Cost of 1 bag} = \text{₹} 103$$

c) 1 bottle if the cost of 5 bottles is ₹ 1330.

c.

$$\begin{array}{r} \text{₹ 2 6 6} \\ 5 \big) \overline{\text{₹ 1 3 3 0}} \\ - 1 0 \downarrow \\ \hline 3 3 \\ - 3 0 \downarrow \\ \hline 3 0 \\ - 3 0 \\ \hline 0 0 \end{array}$$

$$\text{Cost of 1 bottle} = \text{₹} 266$$

### Exercise-11.5

1.	Rate per item	₹
500	1000	
200	600	
700	700	
40	200	
Total	₹2500	

2.	Items	Rate per item	₹
Chocolate pastry	65	195	
Garlic bread	45	180	
Lavash box	120	240	
Vanilla pastry	55	55	
	Total	₹670	

### COMPETENCY BASED QUESTIONS

Q.1 Arrange the following amounts of money in ascending order.

₹ 1.75   ₹ 2.25   ₹ 2.50   ₹ 1.50

Ans ₹ 1.50, ₹ 1.75, ₹ 2.25, ₹ 2.50

Q.2 5 rupees 25 paise is same as \_\_\_\_\_

a) ₹ 5.25      b) 525 p      c) 5025 p      d) **both a and b**

Q.3 How many 50 paise coins will make 2 rupees?

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

Q.4 Put ✓ for correct statement and ✗ for incorrect statement

1	Mohit has 3 coins of 50p, so he has ₹ 1.50	✓
2	I have ₹50. I buy a book for ₹25. I have ₹25 left over	✓
3	Two ₹10 notes and one ₹5 coin makes ₹15	✗

Q.5 Angel has ₹9.95 and Raj has 909 paise. Who has maximum money?

Ans: Angel = ₹9.95, Raj = ₹9.09

So Angel has maximum money.

**Google form link:**

<https://forms.gle/rwmLBicvG6FTPk4U9>

# DELHI PUBLIC SCHOOL, GANDHINAGAR CLASS: 3

## SUBJECT: MATHS

Academic Session :2025-26

### CHAPTER: 12 DATA HANDLING

MONTH: JANUARY

#### Key points: [ Notebook work]

- A pictograph uses symbols or pictures to represent data meant to be counted.
- A pictograph has a title, label, symbol and a key.
- A bar graph is a chart that uses bars to show comparison between categories of data.
- A bar graph has 2 lines – a horizontal line and a vertical line.

### Exercise 12.1

1. Study the pictograph and answer the following questions.

- How many caps were sold on Thursday? 6 caps
- On which day(s) were the most number of caps sold? ANS: THURSDAY
- On which day(s) were the least number of caps sold? ANS: TUESDAY AND SATURDAY
- Find the total number of caps sold on all 6 days. 21 caps
- How many more caps were sold on Friday than Saturday? ANS: 2 caps

2. The pictograph given shows the number of bikes repaired by different mechanics at Peter's garage.

- How many bikes did Sandy repair? 4 bikes

Days	Number of caps sold
Monday	3
Tuesday	2
Wednesday	4
Thursday	6
Friday	3
Saturday	2

Key:  = 1 cap

Name	Number of bikes repaired
Timmy	3
Jimmy	2
John	5
Sandy	4
Sirish	6

Key:  = 1 bike

b. Who repaired the maximum number of bikes? Sirish

c. Who repaired 5 bikes? John

d. How many bikes were repaired by Timmy and Sandy? 7 bikes

e. Who repaired the least number of bikes? Jimmy

3. Represent the following data in the form of a pictograph.

- Number of saplings planted by grade 3 students in 5 days

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Number of saplings	10	9	10	7	8

3. a.

Days	Number of Saplings
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Key:  = 1 sapling

(H.W.) b. Number of buckets of water used by a family of 4 in a week

Members	Father	Mother	Brother	Sister
Number of buckets	10	7	5	8



## Exercise 12.2



1. The bar graph shows the number and types of flowers present in the balcony of Mrs Khanna.

Now, answer the following questions.

a. Which flowers are more in number compared to hibiscus? Lily

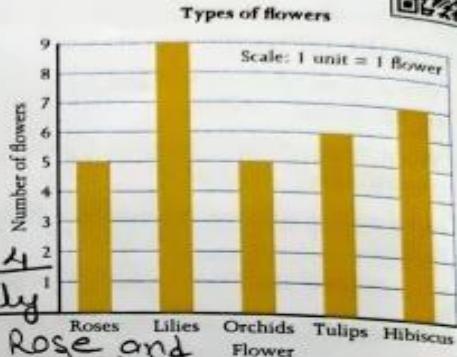
b. How many flowers are there in total? 32

c. How many more lilies are there than roses? 4

d. Which flowers are the most in quantity? Lily

e. Which two flowers are the same in number? Rose and Orchids

2. The following data was collected regarding the number of students in classes 1-5 who participated in an art competition. Draw the bar diagram with this information and answer the following questions.



Class	1	2	3	4	5
Number of students	10	12	11	15	9

a. How many students participated in the competition altogether? 57

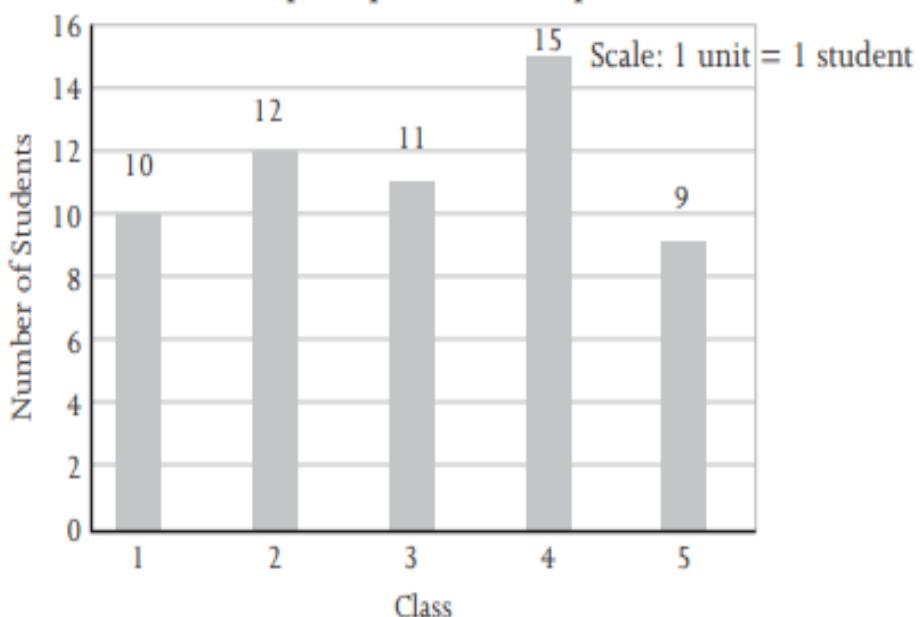
b. From which class did the minimum number of students participate? Class 5

c. How many more students from class 4 participate than class 3? 4

d. How many students from class 2 and class 5 participated in total? 21

2.

### Students participated in art competition



### COMPETENCY BASED QUESTION

1. If 1 = 2 students, then represents how many students?

Ans:  $3 \times 2 = 6$  students.

2. If represent 20 stars, then 1 represent = ?

Ans:  $20 \div 4 = 5$

3. If 5 students liked playing football, and 3 students liked playing basketball, 2 students liked cricket. Which game liked the most?

Ans: football.

Google form link:

<https://forms.gle/1qvYHiYcVWj6ro7y>

**DELHI PUBLIC SCHOOL GANDHINAGAR**  
**DECEMBER MATHS STUDY MATERIAL**  
**CHAPTER 9 - MEASUREMENTS**

**Notebook work:**

**Measuring units:**

Length	$1 \text{ m} = 100 \text{ cm}$
Length	$1 \text{ km} = 1000 \text{ m}$
Weight	$1 \text{ kg} = 1000 \text{ g}$
Capacity	$1 \text{ l} = 1000 \text{ ml}$

**Exercise 9.1**

**Q1. Write the correct unit of measurement for the following.**

- a. Length of a table cloth: m
- b. Weight of an apple: g
- c. Capacity of a spoon: ml

**Q2. Textbook (Self Practice)**

**Conversion of units [Notebook work]**

- To convert higher units of measurement to smaller units of measurement, we **multiply**.
- To convert smaller units of measurement to higher units of measurement, we **divide**.

**Exercise 9.2**

**Q1 Fill in the blanks.**

a.  $1 \text{ litre} = \underline{\hspace{2cm}} \text{ ml}$

$1 \text{ litre} = 1000 \text{ ml}$

b.  $8 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

$1 \text{ kg} = 1000 \text{ g}$

$8 \text{ kg} = (8 \times 1000) \text{ g}$

$= 8000 \text{ g}$

c.  $15 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

$1 \text{ m} = 100 \text{ cm}$

$15 \text{ m} = (15 \times 100) \text{ cm}$

$= 1500 \text{ cm}$

d.  $6 \text{ km} = \underline{\hspace{2cm}} \text{ m} [\text{H.W}]$

**Q2. Convert the following as directed.**

a. 156 cm into m and cm

$$1 \text{ m} = 100 \text{ cm}$$

$$156 \text{ cm} = (156 \div 100) \text{ m}$$

$$= 1 \text{ m } 56 \text{ cm}$$

c. 5267 m into km and m

$$1 \text{ km} = 1000 \text{ m}$$

$$5267 \text{ m} = (5267 \div 1000) \text{ km}$$

$$= 5 \text{ km } 267 \text{ m}$$

d. 3178 ml into ℓ and ml

$$1 \text{ ℓ} = 1000 \text{ ml}$$

$$3178 \text{ ml} = (3178 \div 1000) \text{ ℓ}$$

$$= 3 \text{ ℓ } 178 \text{ ml}$$

f. 6719 g

$$1 \text{ kg} = 1000 \text{ g}$$

$$6719 \text{ g} = (6719 \div 1000) \text{ kg}$$

$$= 6 \text{ kg } 719 \text{ g}$$

g. 700 cm into m

$$1 \text{ m} = 100 \text{ cm}$$

$$700 \text{ cm} = (700 \div 100) \text{ m}$$

$$= 7 \text{ m}$$

**Q3. Self practice****Q4. The weight of a watermelon is 2 kg. How much does it weigh in grams?**

Solution:

Weight of a watermelon = 2 kg

$$1 \text{ kg} = 1000 \text{ g}$$

$$2 \text{ kg} = 2 \times 1000 \text{ g}$$

$$= 2000 \text{ g}$$

**Exercise 9.3****Q1 Solve the following.**

a)

Kg
4
+ 2
6 kg

b)

Cm
3 4 2
- 1 5 0
1 9 2 cm

c)

ml
5 0 0
+ 3 2 4
8 2 4 ml

f)

kg
9
- 6
3 kg

h) h.w

**Q2 State whether the following statements are true or false.**

a. If 1 ℓ of milk is added to 2 ℓ of milk, then the quantity of milk is 3 ℓ.

Ans: True

c.  $580 \text{ cm} + 340 \text{ cm} = 920 \text{ cm}$

Ans: True

e.  $780 \text{ g} - 670 \text{ g} = 120 \text{ g}$

Ans: False

**Exercise 9.4****Q1. A person ----- walk in all ?****Solutions:**

Distance walked in the morning = 2 km

Distance walked in the evening = 7 km

Total distance walked =  $7 \text{ km} + 2 \text{ km}$   
= 9 km

Ans: He walked 9 km in all.

**Q3. Shivam ----- strawberries?****Solutions:**

Weight of mangoes bought = 400 g

Weight of strawberries bought = 250 g

Difference =  $400 \text{ g} - 250 \text{ g}$   
= 150 g

Ans: He bought 150g of more mangoes compared to strawberries.

**Q6. Rishi ran----- he covers?****Solution:**

Total distance of a marathon = 780 m

Rishi fell short by = 190 m

Distance covered by Rishi =  $780 \text{ m} - 190 \text{ m}$   
= 590 m

Ans: He covered 590 km.

**Q7 A jug holds ----- the jug? (H.W)****COMPETENCY BASED QUESTIONS****1. Which is same as 7 ℥ 500 ml?**

a) 75 ml      b) 7050 ml      c) 7500 ml      d) 750 ml

**2. State true or false.**

- Milk is sold in both ml and ℥. True
- To convert km into m, multiply the number by 100. False
- 4kg is less than 4000 g. False

**3. Match the following with correct unit.**

a.	Length of the door	i.	Litre
b.	Capacity of a bathtub	ii.	Gram
c.	Weight of a lemon	iii.	metre

Ans a – iii, b – i, c - ii

**4. Compare and choose the correct sign. (<, >, or = )**

510cm \_\_\_\_ 5m

Ans:  $5m = (5 \times 100) \text{ cm}$

$$= 500\text{cm}$$

$$510\text{cm} > 500\text{cm}$$

**5. Rishi's weight is 58kg. Mohit's weight is 5kg less than Rishi's weight. Find the weight of Mohit.**

$$\text{Weight of Mohit} = (58 - 5) \text{ Kg} = 53\text{kg}$$

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS 3 SESSION 2025-26

NOVEMBER MATHS STUDY MATERIAL

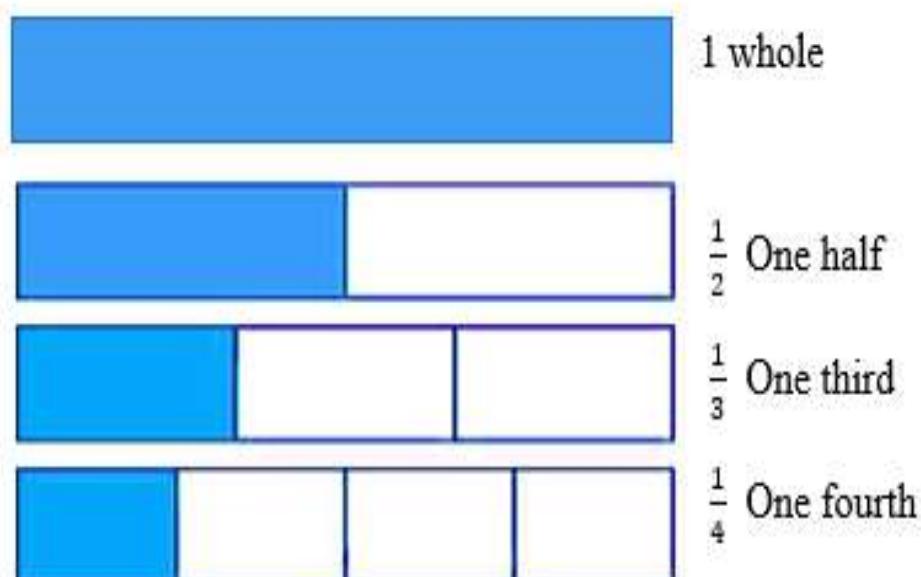
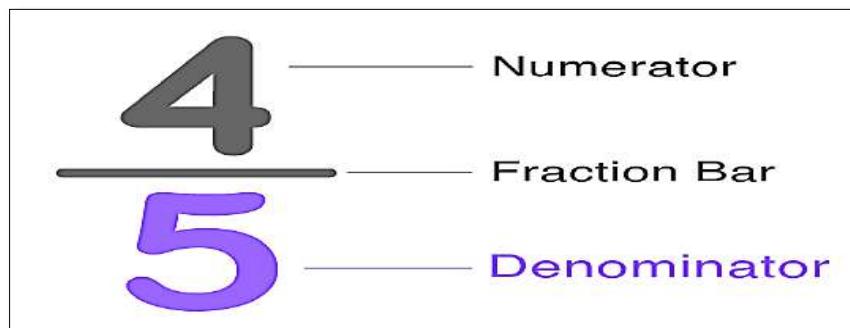
CHAPTER 6 - FRACTIONS

**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**.

**REPRESENTATION OF FRACTIONS:**



**TEXTBOOK WORK:**

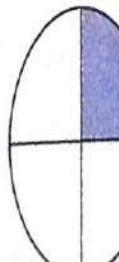
## Exercise 6.1

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

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

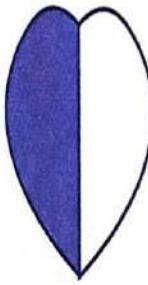


c. One-third  $\frac{1}{3}$



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

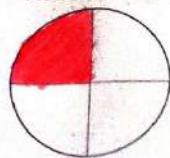
b. Quarter  $\frac{1}{4}$



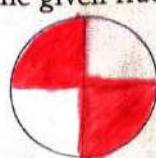
d. Whole



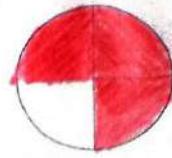
2. Colour the figure to represent the given fractions.



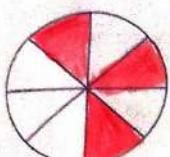
$$\frac{1}{4}$$



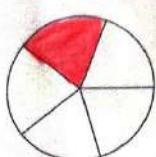
$$\frac{2}{4}$$



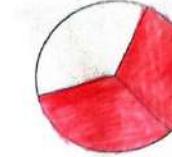
$$\frac{3}{4}$$



$$\frac{3}{8}$$



$$\frac{1}{5}$$

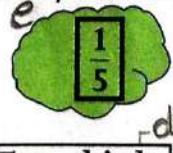
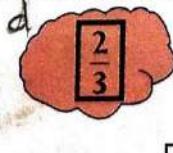
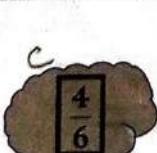
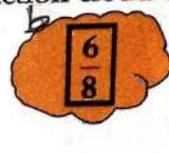
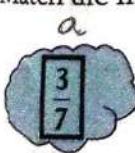


$$\frac{2}{3}$$

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

Six-eighths - b

One-fourths - f

Three-sevenths - a



## Fraction as a Part of a Collection

Scientific Proficiency

Conceptual understanding

SVID

Do you know that a fraction is an equal part of a whole?

Yes, but a fraction could also be a part of a collection. For example, an egg from a pack of 6.

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.



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



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



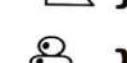
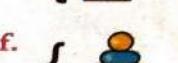
$\frac{3}{6}$	$\frac{3}{7}$	$\frac{1}{3}$
---------------	---------------	---------------



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



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

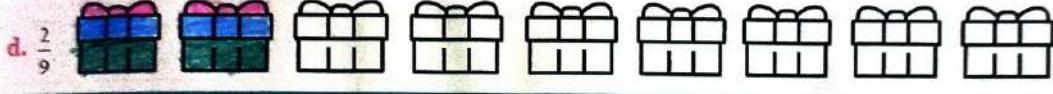


$\frac{2}{4}$	$\frac{2}{3}$	$\frac{1}{3}$
---------------	---------------	---------------

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



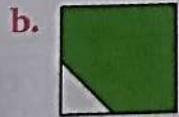
INT





## Exercise 6.3

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



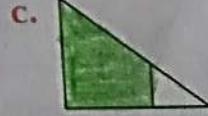
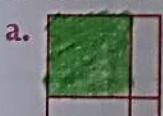
*more than half*

*more than half*

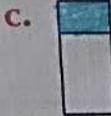
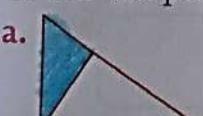
*Less than half*



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



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



85

## Exercise 6.4

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

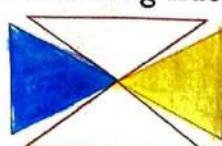
1.



Five parts

$\frac{5}{8}$  - Numerator  
Denominator

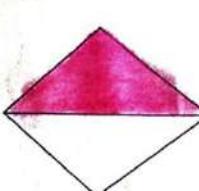
2.



Two parts

$\frac{2}{4}$  - Numerator  
Denominator

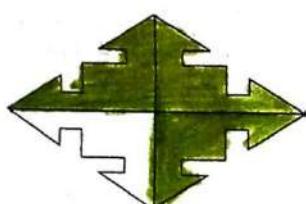
3.



One part

$\frac{1}{4}$  - Numerator  
Denominator

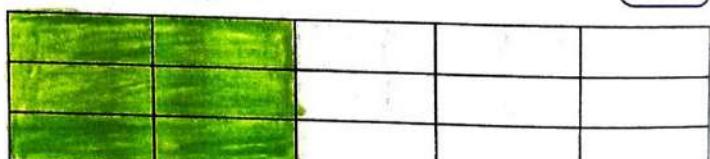
4.



Three parts

$\frac{3}{4}$  - Numerator  
Denominator

5.



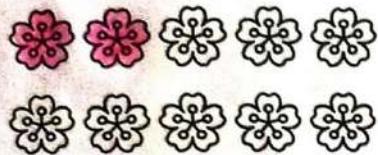
Six parts

$\frac{6}{15}$  - Numerator  
Denominator

## Exercise 6.5

Solve the following and colour to represent the answer.

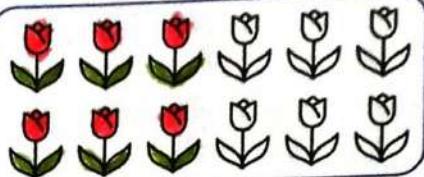
1.



$\frac{1}{5}$  of 10 snowflakes

$$10 \div 5 = 2$$

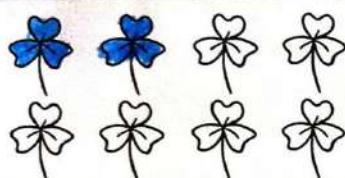
2.



$\frac{1}{2}$  of 12 flowers

$$12 \div 2 = 6$$

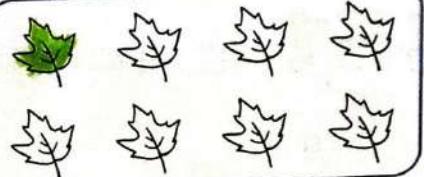
3.



$\frac{1}{4}$  of 8 shamrock leaves

$$8 \div 4 = 2$$

4.



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

$$8 \div 8 = 1$$

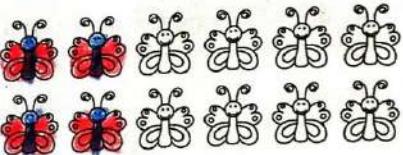
5.



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

$$4 \div 2 = 2$$

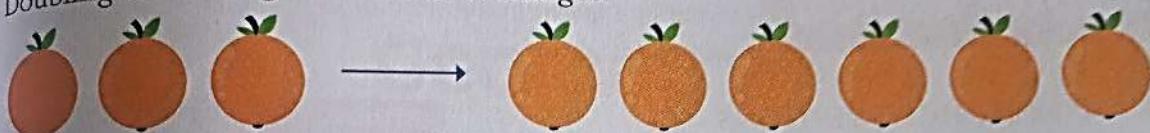
6.



$\frac{1}{3}$  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

**Maths Connect**

Integrated  
Pedagogy

Science



## **NOTEBOOK WORK:**

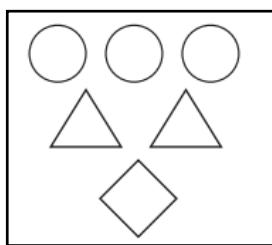
### **CBE QUESTIONS: -**

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.

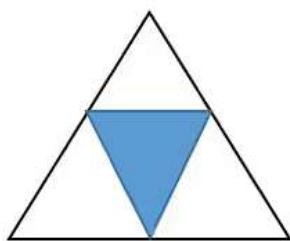


Ans:  $\frac{2}{6}$

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?

$$\text{Total passengers} = 12 + 10 + 5 = 27$$

$$\text{No. of women} = 10$$

$$\text{Fraction of women in the bus} = \frac{10}{27}$$

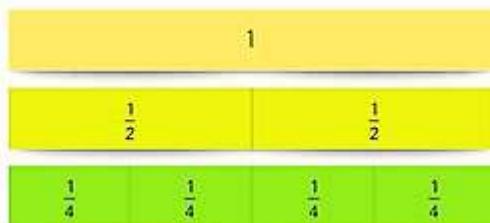
b) Write the fraction of men and children compared to total number of passengers?

$$\text{Number of men and children} = 12 + 5 = 17$$

$$\text{Fraction of men and children in the bus} = \frac{17}{27}$$

AIL - 2:

❖ Fractions by paper folding. Showing  $\frac{1}{2}$  and  $\frac{1}{4}$  fractions.



Google form:

<https://forms.gle/6aifeKCK5QZBp8Qq7>

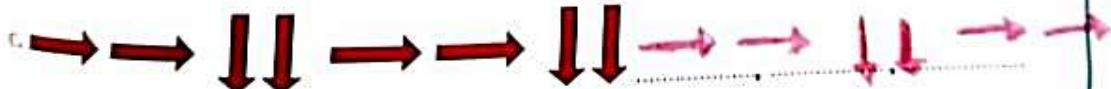
## CHAPTER 8: PATTERNS AND SYMMETRY

### Exercise 8.1

1. Extend the pattern.



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



103

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



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



 Create a pattern repeated thrice using the given shapes.

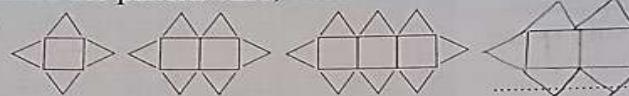




## Exercise 8.2

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.

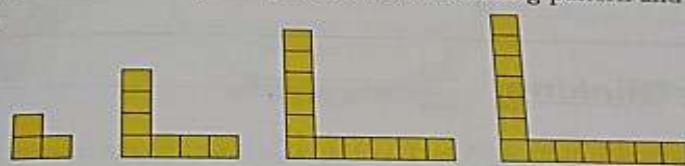


Rule: Add 1 square  
1 triangle

Unit of Repeat: 1 square and 1 triangle

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

a.



NO

b.



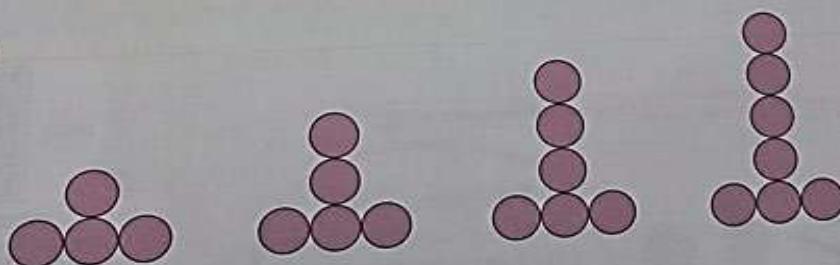
YES

c.



YES

d.

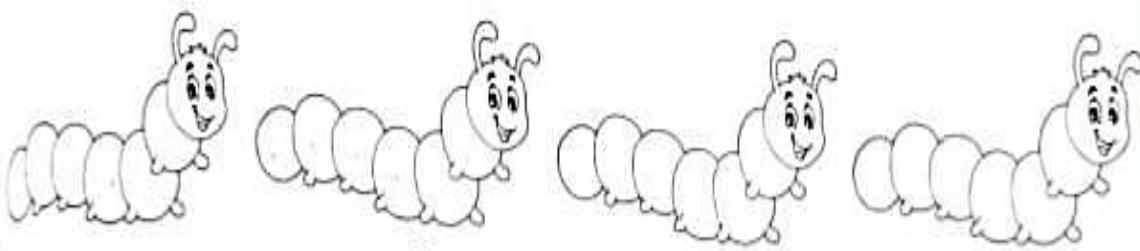


NO

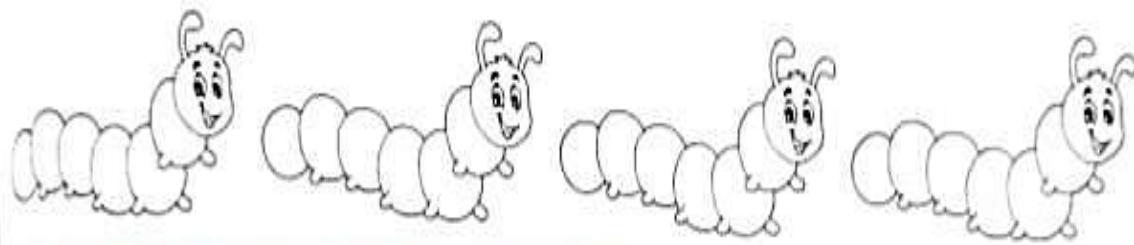
(H.W.)

Colour the body of the caterpillar as directed.

### Increasing Pattern



### Decreasing Pattern



### Exercise 8.3

1. Complete the table.

INT



		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.

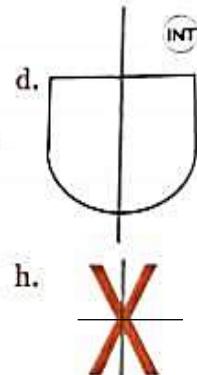
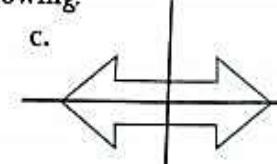
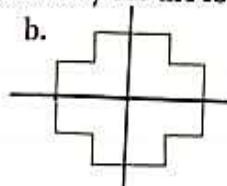
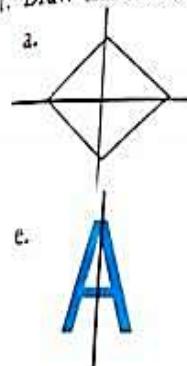
BABABABABABABABABABAB	A	B	C
ABBABBABBABBABBABB	A	B	C
CABCABCABCABCABCABC	A	B	C
AABCABCABCABCABCABC	A	B	C
ABCCABCABCABCABCABC	A	B	C

INT

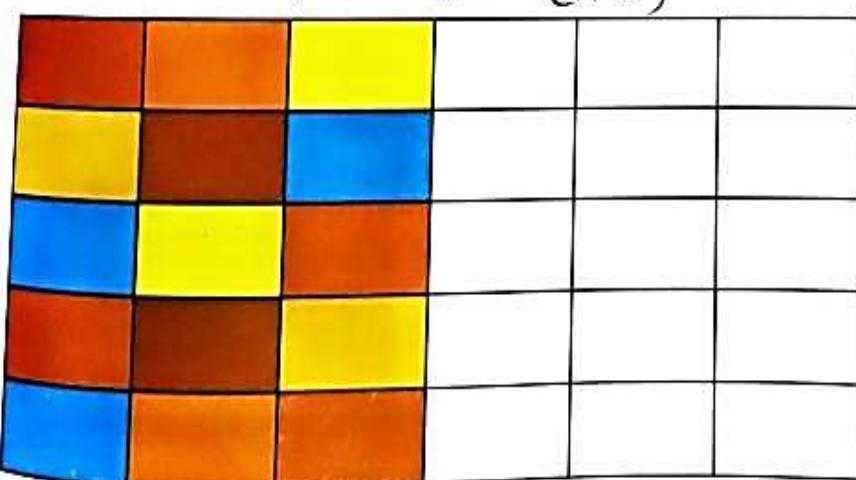


## Exercise 8.4

1. Draw the line of symmetry for the following.



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



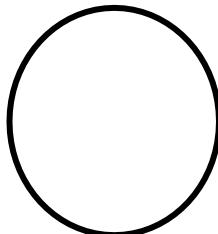
**NOTEBOOK WORK:****COMPETENCY BASED QUESTIONS**

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

Ans: The rule of the pattern is to

$$\text{add 4} \quad 46 + 4 = 50$$

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



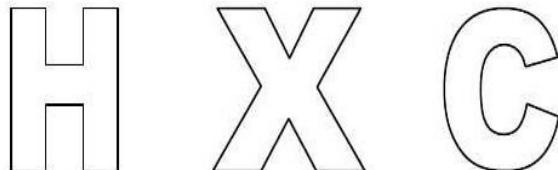
Ans: Infinite (many, uncountable)

3. Observe the pattern and continue it.

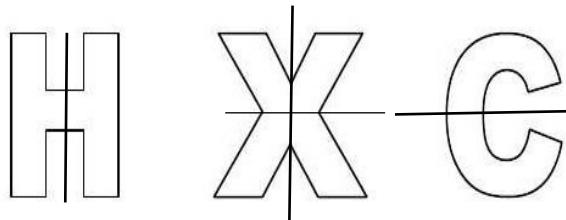
100AB, 200BC, 300CD, 400DE, \_\_, \_\_\_, \_\_\_\_

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.
- $\text{Dividend} \div \text{divisor} = \text{quotient}$

#### EXERCISE:5.1



1. Solve the given problems using repeated subtraction method.

a)  $18 \div 6 = 3$

$$18 - 6 = 12 \text{ (1st time)}$$

$$12 - 6 = 6 \text{ (2nd time)}$$

$$6 - 6 = 0 \text{ (3rd time)}$$

$$\text{So, } 18 \div 6 = 3$$

c)  $28 \div 4 = 7$

$$28 - 4 = 24 \text{ (1st time)}$$

$$24 - 4 = 20 \text{ (2nd time)}$$

$$20 - 4 = 16 \text{ (3rd time)}$$

$$16 - 4 = 12 \text{ (4th time)}$$

$$12 - 4 = 8 \text{ (5th time)}$$

$$8 - 4 = 4 \text{ (6th time)}$$

$$4 - 4 = 0 \text{ (7th time)}$$

$$\text{So, } 28 \div 4 = 7$$

2. Say Yes or No for each statement. Write the correct answer for the incorrect statement in the blanks.

a)  $36 \div 4 = 8$

Ans: No correct answer is 9

b)  $80 \div 8 = 10$

Ans: Yes,  $8 \times 10 = 80$

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 =  $15 \div 3 = 5$

Ans : There are 5 flowers in the garden.

### EXERCISE 5.2

1. Match the following with the correct term.

a) $24 \div 8$ , here the quotient is	i) 9
b) $21 \div 3$ , here the dividend is	ii) 4
c) $49 \div 7$ , here the remainder is	iii) 21
d) $81 \div 9$ , here the quotient is	iv) 0
e) $36 \div 4$ , 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  $30 \div 5 = 6$ , then  $6 \times 5 = \underline{30}$

c) If  $56 \div 7 = 8$ , then  $\underline{8} \times 7 = 56$

e) If  $20 \div 5 = 4$ , then  $20 \div 4 = \underline{5}$

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 =  $30 \div 5 = 6$

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)  $50 \div 5$  (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)  $89 \div 8$  (H.W)

3. Fill in the blanks.

a)  $85 \div 6$  gives quotient = 14 remainder = 1  
 c)  $26 \div 7$  gives quotient = 3 remainder = 5  
 e)  $75 \div 2$  gives quotient = 37 . remainder = 1

4. Match the following with their remainder.

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

Ans: a) iii b) iv c) i d) ii  
 1. Divide

### EXERCISE 5.6

a)  $648 \div 8$

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

Quotient = 81    Remainder = 0

c)  $528 \div 3$

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

Quotient = 176    Remainder = 0

d)  $724 \div 4$  (H.W)

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

b)  $261 \div 6$

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

Quotient = 43    Remainder = 3

d)  $956 \div 9$

	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.  $619 \div 7$       i) Quotient = 304 No Remainder
- b.  $831 \div 4$       ii) Quotient = 88 Remainder = 3
- c.  $912 \div 3$       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	
	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)  $45 \div 1 = 45$
- b)  $78 \div 78 = 1$
- c)  $0 \div 3 = 0$
- d)  $0 \div 811 = 0$

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  $\div$  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-  $0 \div 10$ ?

- 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.  $450 \div 10$  will give 45 as the remainder. \_\_\_\_\_

Ans: False

c.  $5610 \div 10 = 561$ . \_\_\_\_\_

Ans: True

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

a.  $871 \div 10$ : Quotient = \_\_\_, Remainder = \_\_\_\_.

Ans: Q = 87, R = 1

d.  $8440 \div 10$ : Quotient = \_\_\_, Remainder = \_\_\_\_.

Ans: Q = 844, R = 0

e)  $9300 \div 10$ : 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 =  $18 \div 3 = 6$

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 =  $60 \div 4 = 15$

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 =  $6000 \div 4$   
= 1500 ml

Ans: She drank 1500 ml of water every day.

## COMPETENCY BASED QUESTIONS

1. The dividend in  $72 \div 8 = 9$  is \_\_\_\_\_  
**Ans: 72**
2.  $56 \div 7 = 8$  , Write another division fact for 56.  
**Ans:  $56 \div 8 = 7$**
3.  $36 \div \underline{\hspace{2cm}} = 9$   
**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**

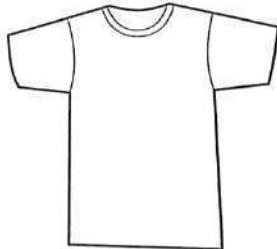
**CHAPTER: 7 Geometry**

**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.



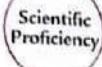
Number of horizontal lines = 1

Number of vertical lines = 2

Number of slanting lines = 6

Number of curved lines = 5

## Plane Shapes



Conceptual understanding



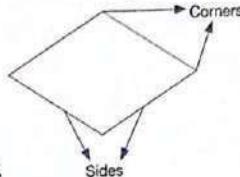
The shapes which have only 2 dimensions – length and width – are called plane shapes or 2-dimensional shapes. For example, triangle, rectangle, square, circle and oval are all plane shapes or 2-dimensional shapes.

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



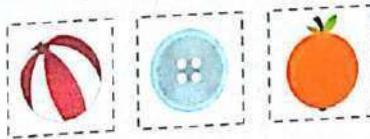
OVAL  
No sides  
No corners

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.

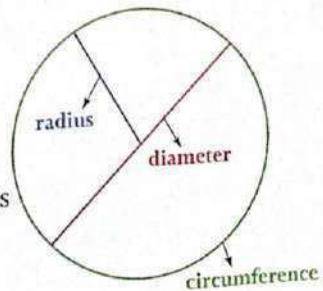


### Terms Related to Circle

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?**

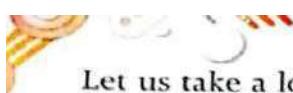
- a) All my sides are equal. **Square**
- b) I look like a mountain. **Triangle**
- c) My opposite sides are equal. **Rectangle**
- d) I am round. **Circle**

#### **2. Complete the given table.**

	<b>Number of sides</b>	<b>Number of Corners</b>
Circle	0	0
Triangle	3	3
Rectangle	4	4
Oval	0	0
Square	4	4

#### **3. Fill in the blanks.**

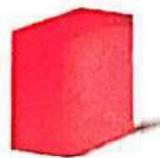
- a. The length of the boundary of the circle is called its **circumference**.
- b. The fixed distance between the centre and any point on the circle is called the **radius** of the circle.
- c. A circle is made up of **curved** lines.
- d. The point at which two sides meet is called **corner**.



Let us take a look at these solid shapes and their attributes.



**CUBE**  
6 flat faces  
12 edges  
8 vertices



**CUBOID**  
6 flat faces  
12 edges  
8 vertices



**CYLINDER**  
2 flat faces  
1 curved face  
2 edges  
0 vertices



**CONE**  
1 flat face  
1 curved face  
1 edge  
1 vertex



**SPHERE**  
1 curved  
0 edges  
0 vertices

### Exercise 7.3

1. Fill in the blanks.

- The three dimensions in a solid shape are known as length, width and height.
- The point at which two edges meet is known as vertex.
- The line at which the faces meet is called edge.
- 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

IVIC

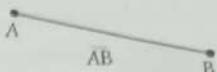
A **point** is an exact location on a plane represented by a dot. A point is always referred by a capital letter, say point A, B, P, C.



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

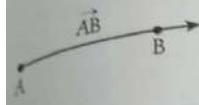


**line segment** is a part of a line which has a starting point and an ending point.



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 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 **line segment**.
- d. The following diagram is represented as ray  $AB$

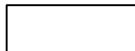


- e. A ray is a part of a **line**.

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)

#### **Competency Based Questions**

1. This is a shape of a rectangle.

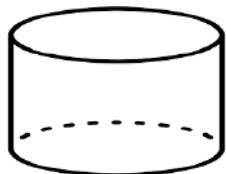


It has 4 corners. Name one another shape which has exactly four corners. Draw the shape.

Ans: Square



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

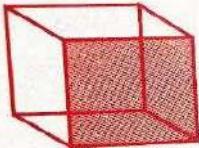


Number of faces = **2 flat, 1 curved**

Number of edges = **2**

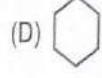
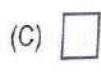
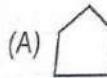
Number of vertices = **0**

3. Name the shape of shaded face.



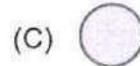
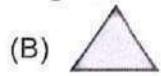
(A) Square      (B) Circle      (C) Pentagon      (D) Triangle

4. Which of these have exactly 5 corners?



Ans: (A) Pentagon

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

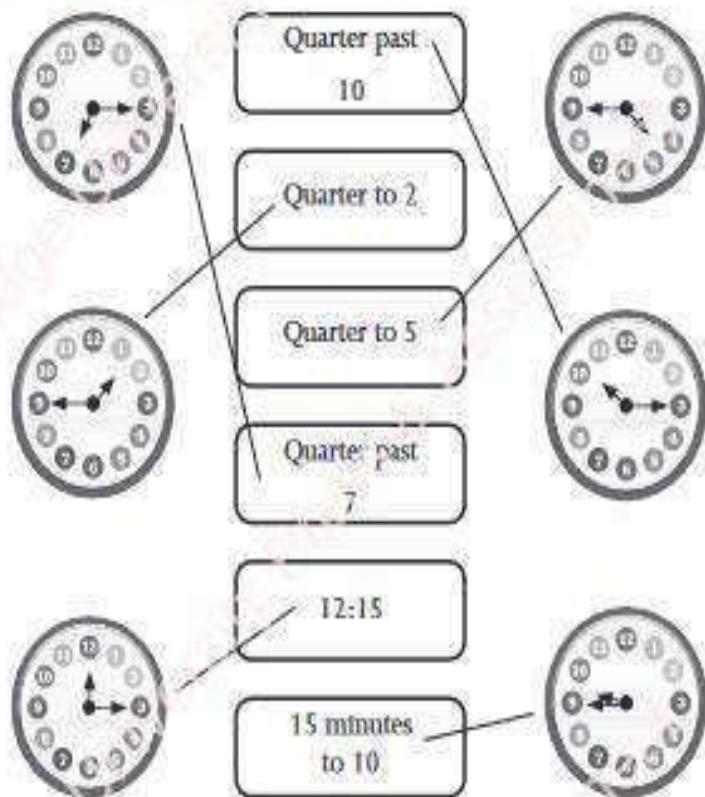


Ans: (D) Cone

**CHAPTER 10 TIME**

**Exercise 10.1**

1.



2.



d.



f.





## Exercise 10.2

1. Read the clocks and write the time correctly.

a.



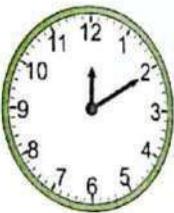
8:20

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.

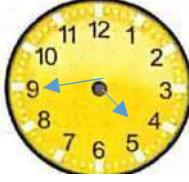
John's class begins at 8 o'clock. The class is 35 minutes long. When will his class be over?



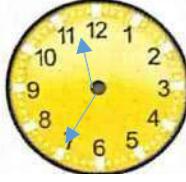
Jaideep works in his garden for 30 minutes every day. He starts at 5 o'clock. At what time will he finish his work?



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

INT



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? .....

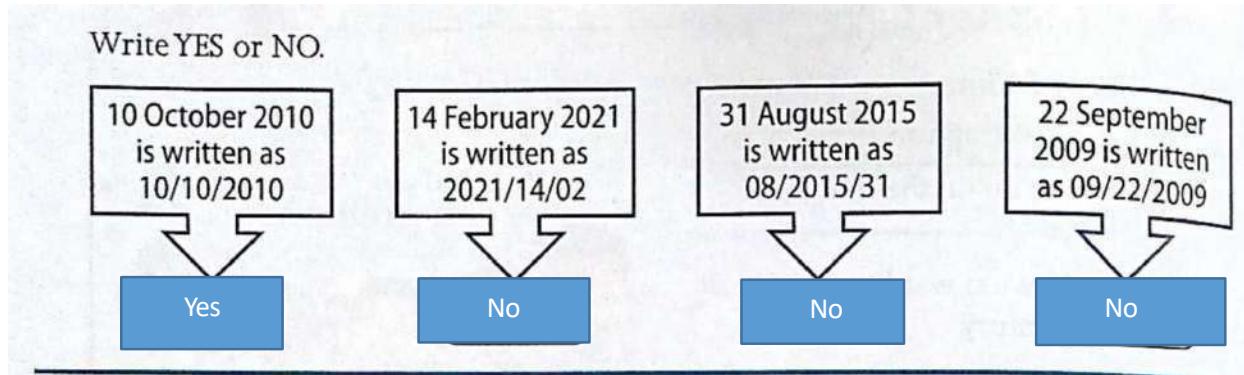
June

8. On which dates do the second and fourth Saturdays fall? .....

14<sup>th</sup> May, 28<sup>th</sup> 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



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

1. COMPOSITION

(a) NOTISOP13  
(b) ✓  
(c) COMDOSITION

COMPOSITION  
COMPOSITION

2. 6978213

(a) ✓ 6978213  
(b) 3158796  
(c) 6678513  
(d) 6678513

3. MOM

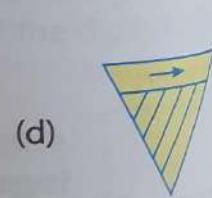
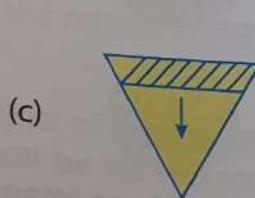
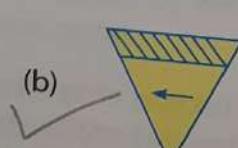
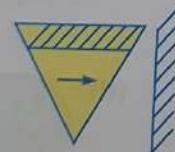
(a) ✓ MOM

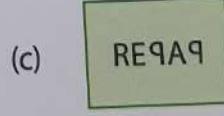
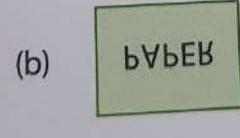
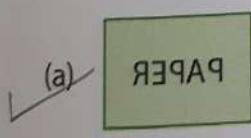
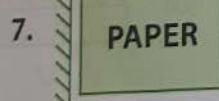
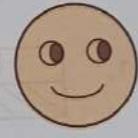
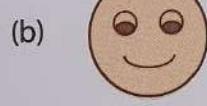
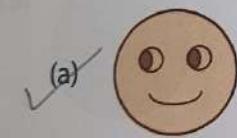
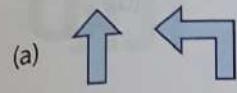
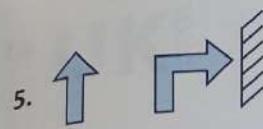
(b) MOM

(c) MOM

(d) MOM

4.





8. **NOW**

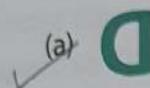
(a) **WON**

(b) **WON**

(c) **МОИ**

(d) **МОН**

9. **D** 

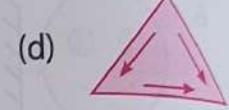
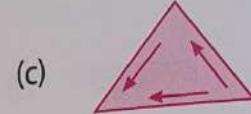
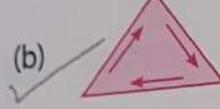
(a) 

(b) 

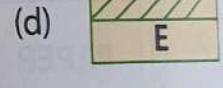
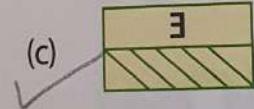
(c) 

(d) 

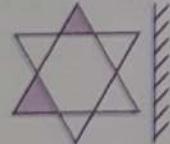
10.

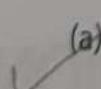


11.



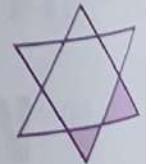
12.



(a) 

(b) 

(c) 



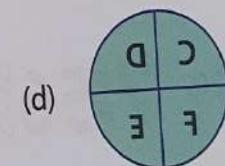
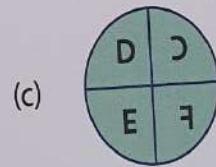
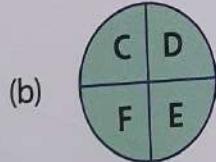
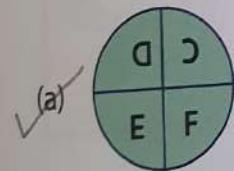
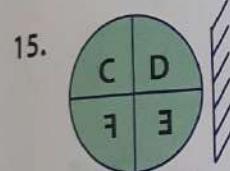
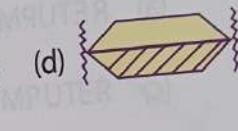
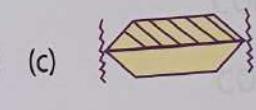
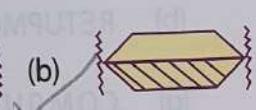
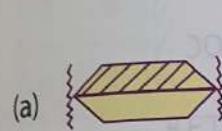
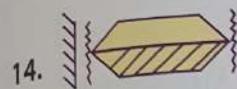
13. IJK

(a) KJI

(b) KJI

(c) IJK

(d) IJK



16. Ζ

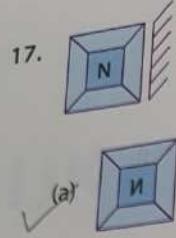
(a) Ν

(b) Σ

(c) Ζ

(d) Ι

17.

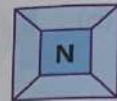


(a)

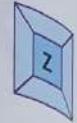
(b)



(c)



(d)



18. COMPUTER

COMPUTER (a)

COMPUTER (b)

RETUPMOC (c)

RETUPMOC (d)

19. 96

(a) 69

(b) 69

(c) 96

(d) 69

20. 7:56

(a) 65:7

(b) 65:7

(c) 65:7

(d) 56:7

21. 1234

(a)

4321

(b)

4321

(c)

4321

(d)

4321

22. F5G7H9

(a) **EH7G5F**

(c) **EH7G5F**

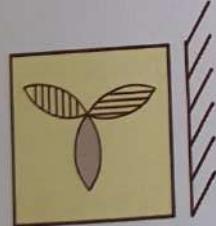
(b) **9H7G5F**

(d) **EH7G5F**

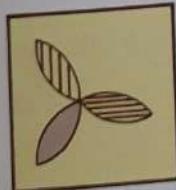
23.

B	8
4	2

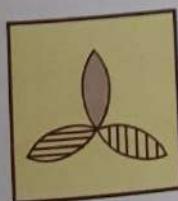
24.



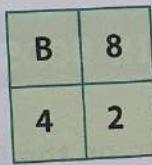
(a)



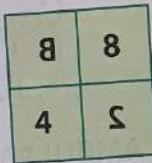
(c)



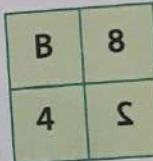
(b)



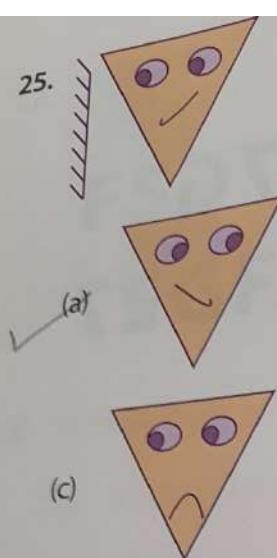
(c)



(d)

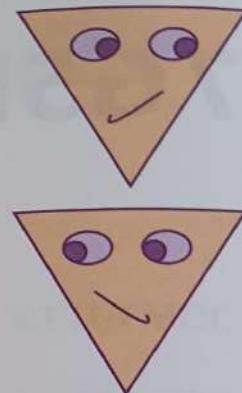


25.



(b)

(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.  $7 \times 7 = \underline{49}$

2.  $10 \times 9 = \underline{90}$

5.  $5 \times 8 = \underline{40}$

7.  $9 \times 7 = \underline{63}$

H.W. 9.  $3 \times 8 = \underline{\quad}$

**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.  $321 \times 2 = \underline{642}$

	H	T	O
	3	2	1
$\times$			2
	6	4	2

d.  $264 \times 3 = \underline{792}$

	H	T	O
	1	1	
	2	6	4
$\times$			3
	7	9	2

e.  $427 \times 2 = \underline{854}$

	H	T	O
		1	
	4	2	7
$\times$			2
	8	5	4

#### Exercise 4.4

Q.1. Multiply the following.

a.  $33 \times 22$

	H	T	O
		3	3
$\times$		2	2
	1	6	6
+	6	6	0
	7	2	6

d.  $42 \times 23$

	H	T	O
	1		
		4	2
$\times$		2	3
	1	2	6
+	8	4	0
	9	6	6

**Q.2. Solve the following.**

**a.**

	H	T	O
	<b>2</b>	<b>1</b>	
×	<b>1</b>	<b>2</b>	
	4	2	
+	2	1	0
	<b>2</b>	<b>5</b>	<b>2</b>

**b.**

	H	T	O
	2	1	
		<b>6</b>	<b>3</b>
×		<b>1</b>	<b>4</b>
	2	5	2
+	6	3	0
	<b>8</b>	<b>8</b>	<b>2</b>

**d.**

	Th	H	T	O
	2	2		
		1	1	
			<b>5</b>	<b>5</b>
	×		<b>4</b>	<b>3</b>
		1	6	5
+	<b>2</b>	2	0	0
	2	<b>3</b>	<b>6</b>	<b>5</b>

### Exercise 4.5

**Q.1. Solve the sums.**

a.  $121 \times 2$

	H	T	O
	1	2	1
$\times$			2
	<b>2</b>	<b>4</b>	<b>2</b>

c.  $222 \times 3$

	H	T	O
	2	2	2
$\times$			3
	<b>6</b>	<b>6</b>	<b>6</b>

f.

	Th	H	T	O
		<b>2</b>	<b>2</b>	
		5	5	5
$\times$				5
	<b>2</b>	<b>7</b>	<b>7</b>	<b>5</b>

**Q.2 Multiply the following.**

a.

	Th	H	T	O
		1	1	2
$\times$			1	3
		3	3	6
$+$	1	1	2	0
	<b>1</b>	<b>4</b>	<b>5</b>	<b>6</b>

c.

	Th	H	T	O
			3	2
$\times$				4
	1	2	8	4
$+$	3	2	1	0
	<b>4</b>	<b>4</b>	<b>9</b>	<b>4</b>

e.

	Th	H	T	O
	4	3	3	
$\times$			2	2
	8	6	6	
+	8	6	6	0
	<b>9</b>	<b>5</b>	<b>2</b>	<b>6</b>

#### Exercise 4.6

**Multiply the following:**

1.  $12 \times 10 = \underline{120}$

2.  $8 \times 100 = \underline{800}$

3.  $24 \times 20 = \underline{480}$

4.  $3 \times 1000 = \underline{3000}$

7.  $2 \times 40 = \underline{80}$

8.  $75 \times 30 = \underline{2250}$

11.  $25 \times 1 = \underline{25}$

12.  $571 \times 0 = \underline{0}$

#### 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 =  $13 \times 3$

	T	O
	1	3
$\times$		3
	<b>3</b>	<b>9</b>

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:**

$$\text{Capacity of one row} = 24$$

$$\text{Capacity of 12 rows} = 24 \times 12$$

	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:**

$$\text{Number of pages in English textbook} = 125$$

$$\text{Number of pages in 32 such books} = 125 \times 32$$

	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:**

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

$$\begin{array}{|c|c|c|c|c|c|c|} \hline 3 & x & 27 & = & \underline{9} & x & \underline{9} \\ \hline \end{array}$$

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?

- Both A and R are true, and R is the correct explanation of A.
- Both A and R are true, and R is not the correct explanation of A.
- A is true, but R is False.
- A is false, but R is true.

Ans: Option a)

3. Fill in the blank:

$$380 \times \underline{0} = 0$$

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

Ans:  $300 \times 3 = 900$

5. Fill the correct number:

$$7 \times 5 = \underline{5} \times 7$$

### 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.

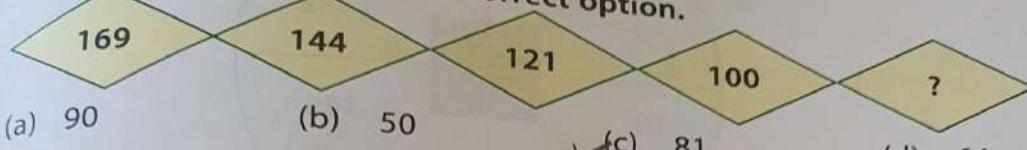
## Thinking Skills

### Chapter-2 Patterns

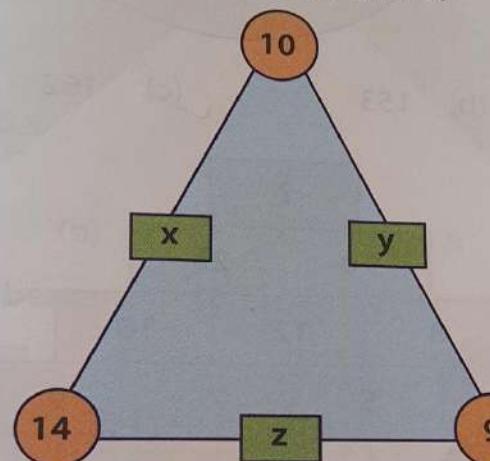


#### Type A

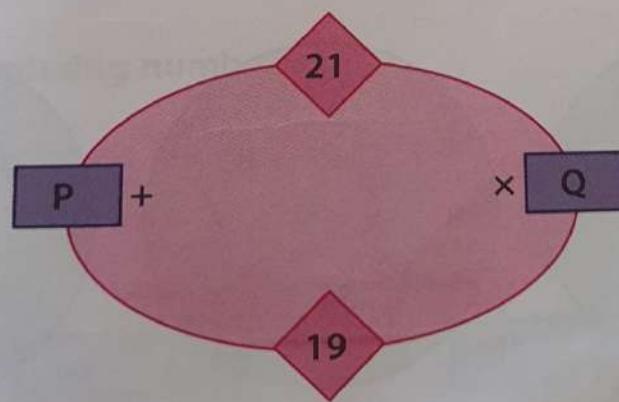
1. Replace the '?' mark with the correct option.



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?



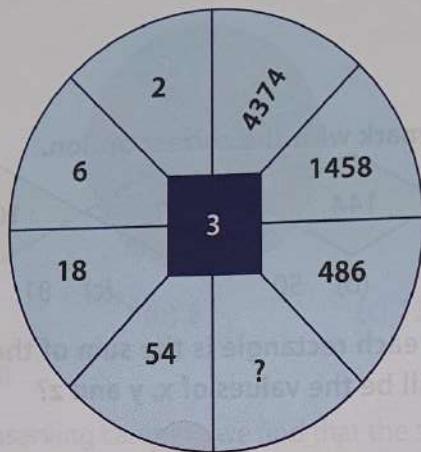
3. What will be the values of P and Q?



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

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

4.



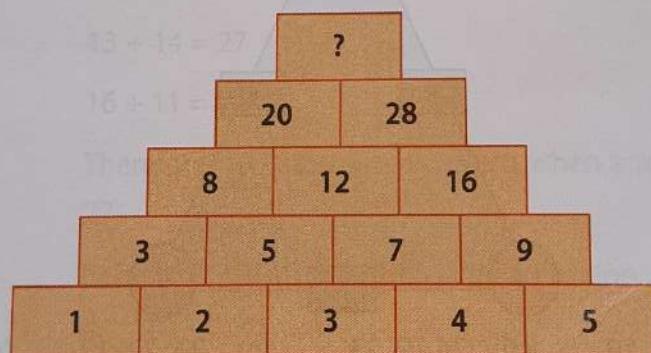
(a) 80

(b) 153

(c) 162

(d) 224

5.



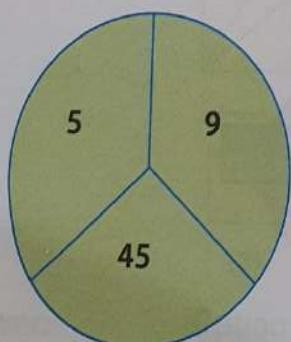
(a) 30

(b) 40

(c) 48

(d) 58

6.

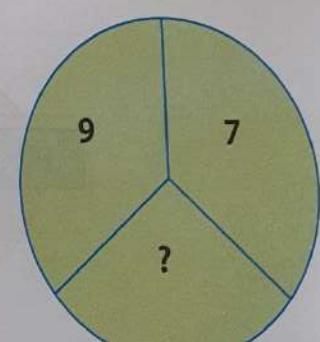
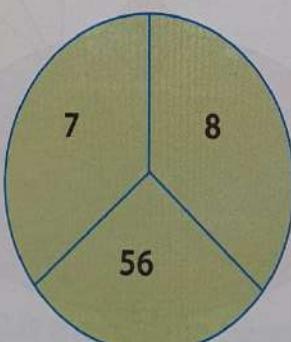


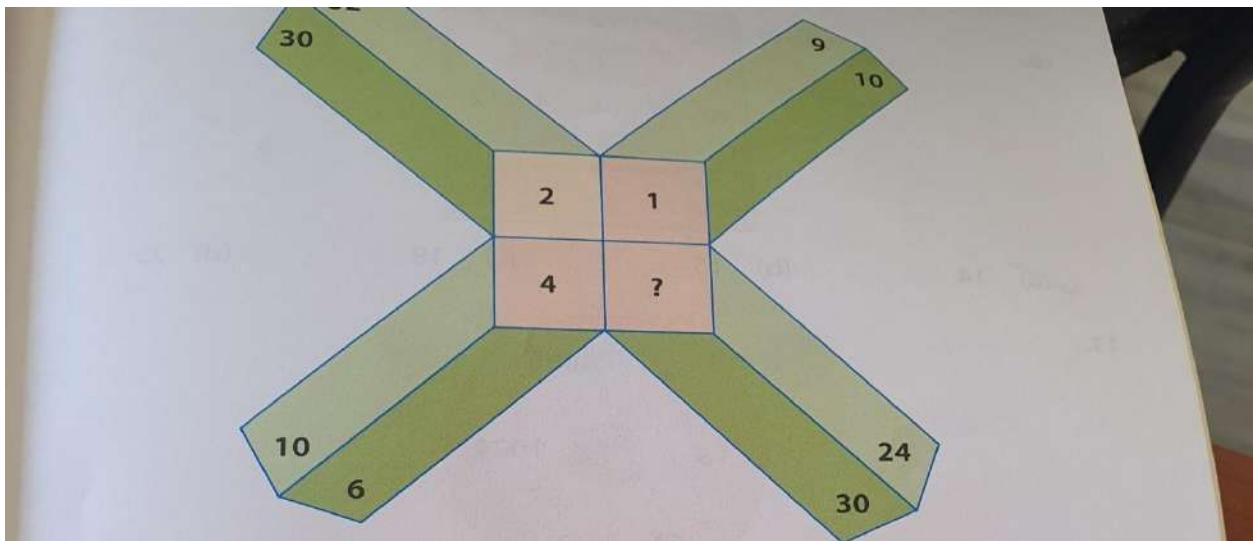
(a) 48

(b) 63

(c) 58

(d) 67





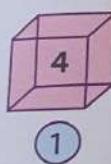
(a) 3

(b) 5

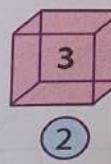
(c) 6

(d) 7

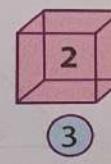
8. What is the number on the 10<sup>th</sup> cube?



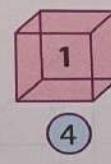
(a) 3



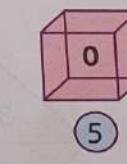
(b) 0



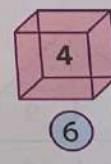
(c) 1



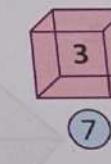
(d) 2



(c) 1



(d) 2



Type C Find the missing number.

9.

171

250

105

19

9

10

25

7

?

(a) 16

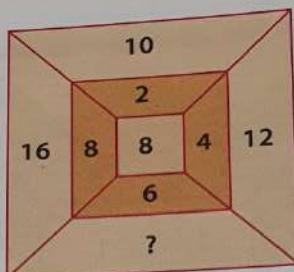
(b) 15

(c) 98

(d) 75

17

10.



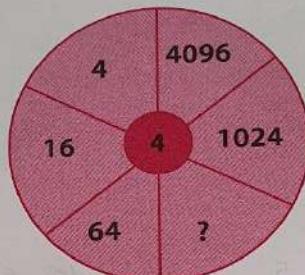
(a) 14

(b) 15

(c) 18

(d) 75

11.



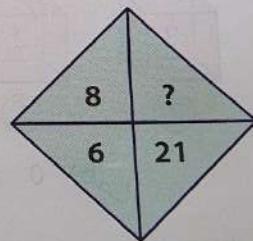
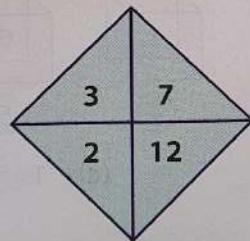
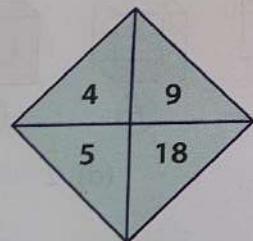
(a) 84

(b) 258

(c) 224

(d) 256

12.



(a) 17

(b) 8

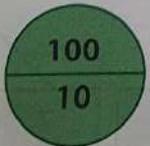
(c) 9

(d) 2

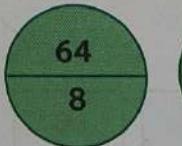
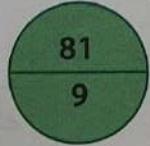
13. Find the missing numbers  $x$  and  $y$ , respectively.



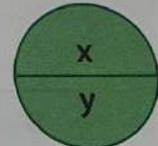
(a) 36, 7



(b) 49, 7



(c) 49, 9

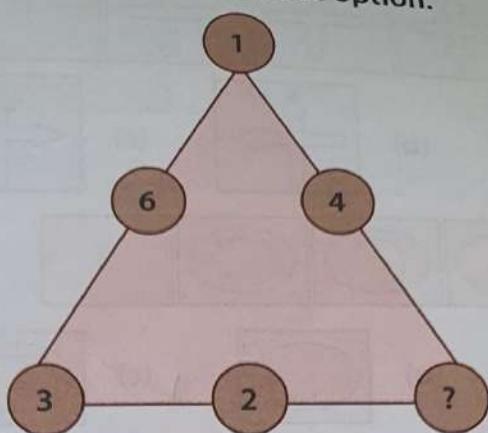


(d) 25, 9

Type D

Replace the '?' mark with the correct option.

14.



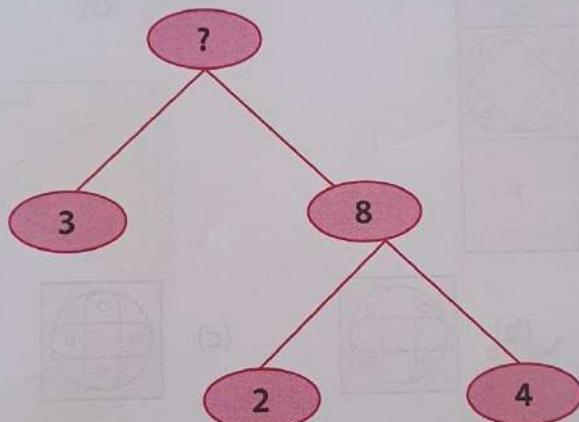
(a) 2

(b) 3

(c) 4

✓ (d) 5

15.



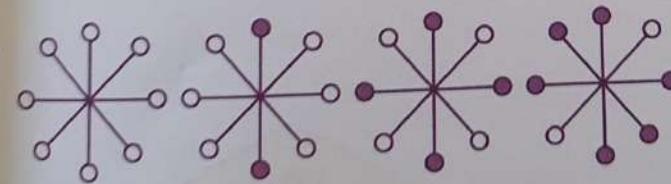
(a) 5

✓ (b) 24

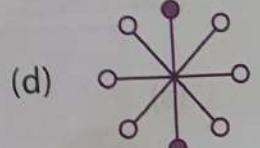
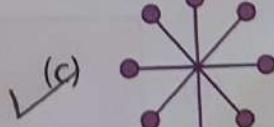
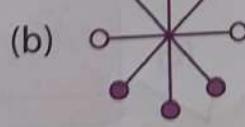
(c) 11

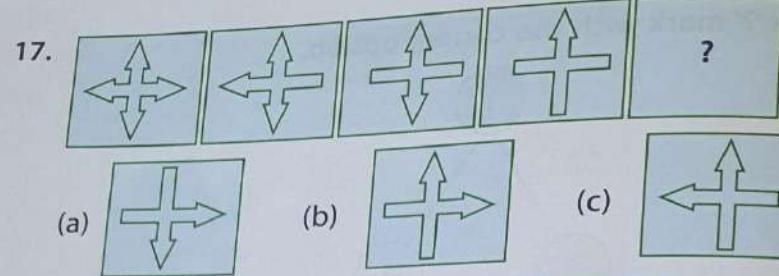
(d) 15

16.

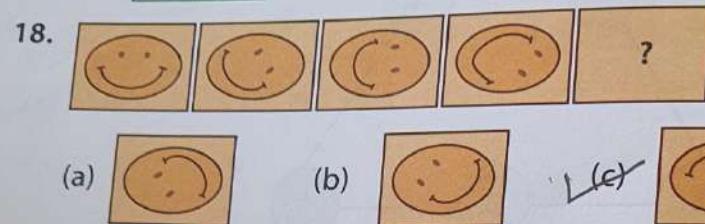


?

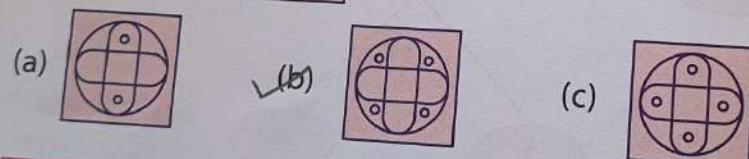
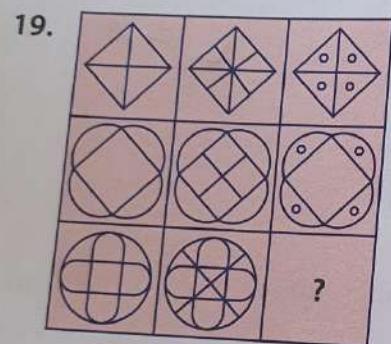




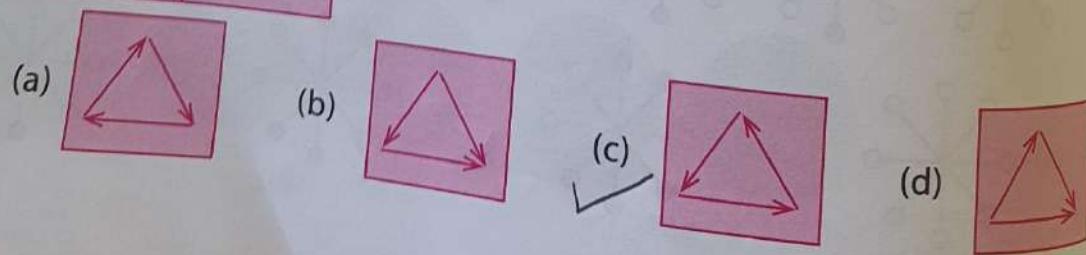
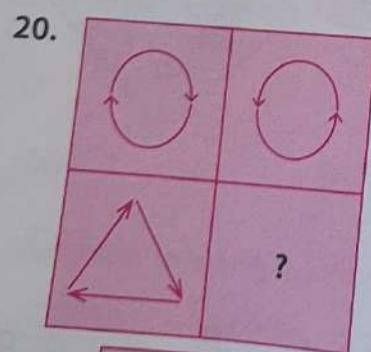
✓(d)



✓(c)

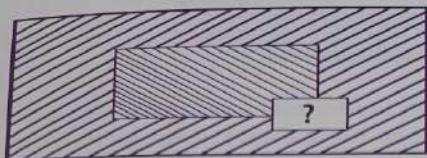


(b)

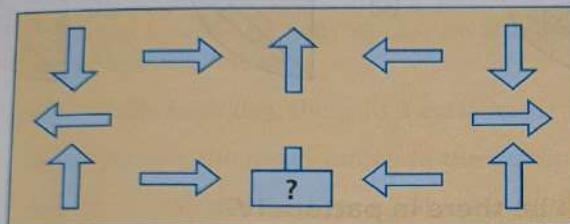


✓(c)

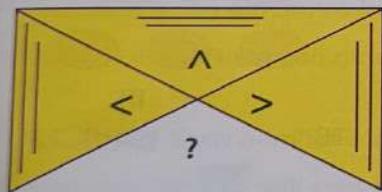
21.



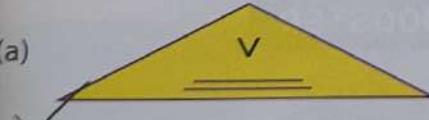
22.



23.



(a)



(b)



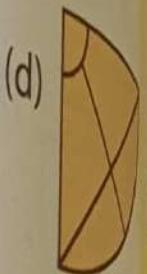
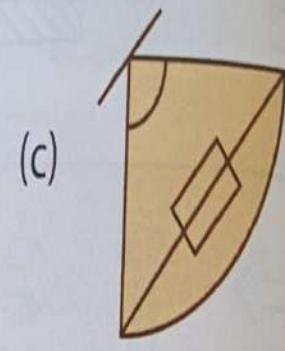
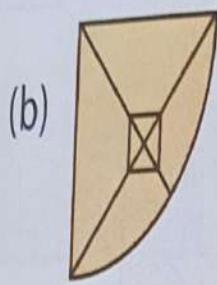
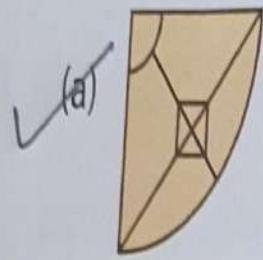
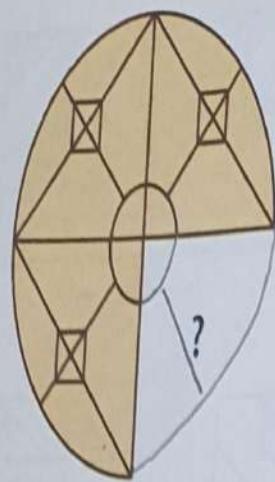
(c)



(d)



24.



Type E

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



I

(a) 24



II

(b) 10



(c) 18



III

(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?  
(a) 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	X

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.

	<b>H</b>	<b>T</b>	<b>0</b>
	2	8	2
-	1	6	0
	<b>1</b>	<b>2</b>	<b>2</b>

c. H.W.

	<b>H</b>	<b>T</b>	<b>0</b>
	9	9	8
-	8	0	5
	<b>1</b>	<b>9</b>	<b>3</b>

e.

	<b>H</b>	<b>T</b>	<b>0</b>
	4	6	8
-	2	6	0
	<b>2</b>	<b>0</b>	<b>8</b>

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.

	<b>H</b>	<b>T</b>	<b>0</b>
	5	10	
	6	0	8
-	2	7	3
	<b>3</b>	<b>3</b>	<b>5</b>

c.

	<b>H</b>	<b>T</b>	<b>0</b>
	4	17	18
	5	8	8
-	1	9	9
	<b>3</b>	<b>8</b>	<b>9</b>

f.

	<b>H</b>	<b>T</b>	<b>0</b>
		7	15
	7	8	5
-	5	6	7
	<b>2</b>	<b>1</b>	<b>8</b>

2. Subtract the following.

a.  $446 - 337$

b.  $734 - 328$

	<b>H</b>	<b>T</b>	<b>0</b>
		3	16
	4	4	6
-	3	3	7
	<b>1</b>	<b>0</b>	<b>9</b>

	<b>H</b>	<b>T</b>	<b>0</b>
		2	14
	7	3	4
-	3	2	8
	<b>4</b>	<b>0</b>	<b>6</b>

e.  $641 - 418$

	<b>H</b>	<b>T</b>	<b>0</b>
		3	11
	6	4	1
-	4	1	8
	<b>2</b>	<b>2</b>	<b>3</b>

### 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	<b>1464</b>
8527 – 375	<b>8152</b>
6752-3827	<b>2925</b>
9526-6873	<b>2653</b>
7800 - 1786	<b>6014</b>

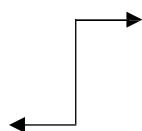
### Exercise 3.5

**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

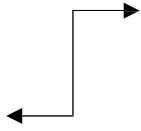
	Th	H	T	0
	1	1	1	
	1	6	4	2
+	1	3	8	8
	3	0	3	0



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.  $950 - 950 = \underline{0}$

d.  $4000 - 0 = \underline{4000}$

e.  $1276 - 1 = \underline{1275}$

## 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.

#### UPDC 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?

$$\text{Total students} = 3926$$

$$\text{Number of girls} = 1572$$

$$\text{Number of boys} = 2354$$

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:

$$\text{Number of bird families living near the mountains} = 245$$

$$\text{Number of bird families flew away for the winter} = 132$$

$$\text{Number of bird families left near the mountains} = 245 - 132$$

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  $\underline{\quad}$  4 thousands 3 hundreds 1 tens 6 ones

Ans:  $4326 > 4316$

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

Ans:  $9,999 - 1,000 = \underline{8,999}$

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 <u>5</u>	5	5
1 <u>5</u> 00	0	0
<u>9</u> 930	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.  $3564 = 3000 + \underline{500} + \underline{60} + 4$
- 3.  $6 \ 6 \ 0 \ 7 = \underline{6000} + \underline{600} + 7$
- 5.  $\underline{9730} = 9 \text{ thousands} + 7 \text{ hundreds} + 3 \text{ tens}$
- 6.  $5010 = 5 \times 1000 + 1 \times 10$
- 8.  $2691 = \underline{2} \times 1000 + \underline{6} \times 100 + \underline{9} \times 10 + \underline{1} \times 1$

### **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	<u>3246</u>	<u>3247</u>
<u>7830</u>	7831	<u>7832</u>
<u>6480</u>	<u>6481</u>	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

<b>Odd Numbers</b>	<b>Even numbers</b>
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

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.

	<b>H</b>	<b>T</b>	<b>0</b>
	7	5	4
+	2	4	3
	<b>9</b>	<b>9</b>	<b>7</b>

c.

	<b>H</b>	<b>T</b>	<b>0</b>
	5	8	3
+	2	1	2
	<b>7</b>	<b>9</b>	<b>5</b>

e.

	<b>H</b>	<b>T</b>	<b>0</b>
	5	6	3
	2	1	4
+	1	2	2
	<b>8</b>	<b>9</b>	<b>9</b>

f.

	<b>H</b>	<b>T</b>	<b>0</b>
	4	2	3
	1	2	1
+	2	2	3
	<b>7</b>	<b>6</b>	<b>7</b>

**2. Arrange the following in columns and add.**

a.  $432 + 231 = \underline{\underline{663}}$

d.  $876 + 101 = \underline{\underline{977}}$

	<b>H</b>	<b>T</b>	<b>0</b>
	4	3	2
+	2	3	1
	<b>6</b>	<b>6</b>	<b>3</b>

	<b>H</b>	<b>T</b>	<b>0</b>
	8	7	6
+	1	0	1
	<b>9</b>	<b>7</b>	<b>7</b>

f.  $561 + 321 + 115 = 997$

	<b>H</b>	<b>T</b>	<b>0</b>
	5	6	1
	3	2	1
+	1	1	5
	<b>9</b>	<b>9</b>	<b>7</b>

### Exercise 2.2

1. Add the following.

a.

d.

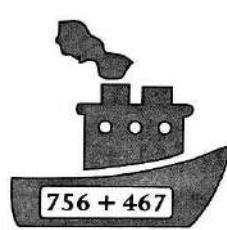
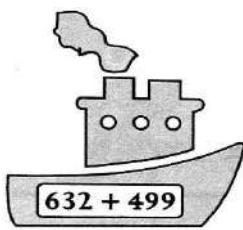
	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
		7	6	5
+		5	6	4
	<b>1</b>	<b>3</b>	<b>2</b>	<b>9</b>

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
		9	8	7
+		2	3	4
	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>

f.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
		5	8	3
+		5	1	2
	<b>1</b>	<b>0</b>	<b>9</b>	<b>5</b>

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.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	6	5	2	3
+	2	1	5	4
	<b>8</b>	<b>6</b>	<b>7</b>	<b>7</b>

b.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	8	9	7	4
+	1	0	2	5
	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>

f.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	8	4	6	3
+	1	4	2	5
	<b>9</b>	<b>8</b>	<b>8</b>	<b>8</b>

2. Add:

a.  $4106 + 1212$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	4	1	0	6
+	1	2	1	2
	<b>5</b>	<b>3</b>	<b>1</b>	<b>8</b>

b.  $7120 + 1269$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	7	1	2	0
+	1	2	6	9
	<b>8</b>	<b>3</b>	<b>8</b>	<b>9</b>

e.  $7002 + 2356$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	7	0	0	2
+	2	3	5	6
	<b>9</b>	<b>3</b>	<b>5</b>	<b>8</b>

### Exercise 2.4

#### 1. Add the following.

a.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	4	5	6	7
+	2	5	5	4
	<b>7</b>	<b>1</b>	<b>2</b>	<b>1</b>

b.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	3	4	7	8
+	1	6	7	8
	<b>5</b>	<b>1</b>	<b>5</b>	<b>6</b>

f.

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	5	8	0	9
+	2	2	2	1
	<b>8</b>	<b>0</b>	<b>3</b>	<b>0</b>

#### 2. Solve the following:

a.  $4267 + 1293$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	4	2	6	7
+	1	2	9	3
	<b>5</b>	<b>5</b>	<b>6</b>	<b>0</b>

d.  $1289 + 3281$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	1	2	8	9
+	3	2	8	1
	<b>4</b>	<b>5</b>	<b>7</b>	<b>0</b>

f.  $7299 + 1728$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	7	2	9	9
+	1	7	2	8
	<b>9</b>	<b>0</b>	<b>2</b>	<b>7</b>

### Exercise 2.5

**1. Fill in the blanks.**

a.  $2456 + 9876 = \underline{9876} + 2456$

b.  $6543 + 0 = \underline{6543}$

c.  $4567 + \underline{8765} = 8765 + \underline{4567}$

d.  $5555 + 1 = \underline{5556}$

e.  $0 + \underline{4321} = 4321$

f.  $6342 + \underline{1} = 6343$

**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 =  $655 + 454$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
		6	5	5
+		4	5	4
	<b>1</b>	<b>1</b>	<b>0</b>	<b>9</b>

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 =  $545 + 748$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
		5	4	5
+		7	4	8
	<b>1</b>	<b>2</b>	<b>9</b>	<b>3</b>

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 =  $4500 + 2527 + 2025 =$

	<b>Th</b>	<b>H</b>	<b>T</b>	<b>0</b>
	4	5	0	0
	2	5	2	7
+	2	0	2	5
	<b>9</b>	<b>0</b>	<b>5</b>	<b>2</b>

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?

$$20 > \underline{\quad} + 10$$

(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



**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)  
✓(c) (iv), (i), (iii), (ii)  
(b) (iii), (i), (ii), (iv)  
(d) (iv), (ii), (i), (iii)

**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 category to which it belongs.

6. OSNE NOSE

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

7. OWRC CROW

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

8. AOGT GOAT

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

9. PLEPA APPLE

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

10. WLOEYL YELLOW

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

11. 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