



Delhi Public School Gandhinagar
Academic Session (2026-27)

Class: III

Study Material

JULY: 2026

Subject: Maths

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3

SUBJECT: MATHS

CHAPTER- 3

SUBTRACTION (CONTINUED IN JULY)

Academic Session 2026-27

Properties of Subtraction (ONLY EXPLANATION)

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

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

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

Exercise 3.6

1. Solve the following.

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

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.

UDPC Strategy

U – UNDERSTAND: Read and think about the problem.

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

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

C – CHECK: Always recheck your answer.

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

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

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

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

Thus, there are 2354 boys in the school.

Exercise 3.8

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

Solution:

Number of bird families living near the mountains = 245

Number of bird families flew away for the winter = 132

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

Ans: 113 bird families are left near the mountains.

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

Solution: Number of passengers on a ship = 590

Number of adults = 380

Number of children = $590 - 380 = 210$

Ans: 210 children were present on the ship.

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

Solution:

Number of cupcakes in his shop = 1256

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

Number of cupcakes remain with Jim now $1256 - 606 = 650$

Ans: 650 cupcakes remain with Jim now.

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

Solution:

Number of bags of sugar in a mega store = 4680

Number of bags delivered on Monday = 2724

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

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

CBE QUESTIONS

QI Choose the correct option

1. 100 less than the smallest 4-digit number.
i) 1000 ii) 999 **iii) 900** iv) 909
2. The difference between 456 tens and _____ is 2456.
i) 2100 **ii) 2104** iii) 2102 iv) 2103

QII Answer in one word.

3. 4 thousands 3 hundreds 2 tens 6 ones ____ 4 thousands 3 hundreds 1 tens 6 ones. Compare using the sign <, > or =
Ans. >
4. Subtract the smallest 4-digit number from the greatest 4-digit number.
Ans. $9999 - 1000 = 8999$

QIII Solve the following:

5. The difference of two numbers is 7200. If one of the numbers 8000, what will be the other number?
Ans: $8,000 - 7,200 = 800$
6. Using the digits 5, 1, and 4, with the option to repeat digits, form the greatest and smallest 4-digit numbers. What is the difference between these two numbers?
Ans Greatest number – 5541 Smallest Number – 1145
Difference : $5541 - 1145 = 4396$

QIV Case Study

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

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

The managers recorded their donation data in the table below:

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



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

Ans. $4250 - 3815 = 435$

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

Ans. Total toys = $4250 + 3815 = 8065$

Target = 9500

Left over target = $9500 - 8065 = 1435$

Thinking Skills

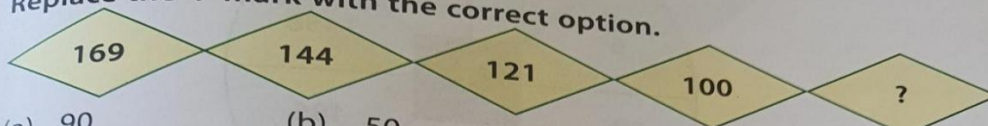
Chapter-2 Patterns



EXERCISE TIME

Type A

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



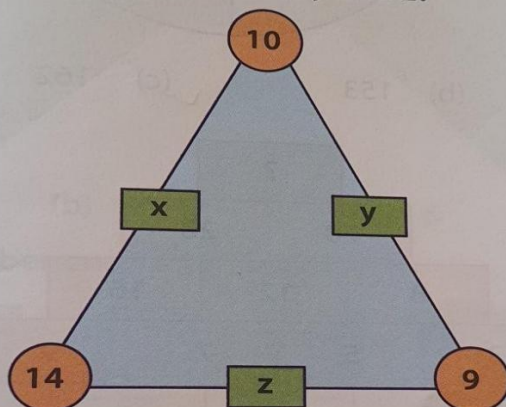
(a) 90

(b) 50

✓ (c) 81

(d) 64

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



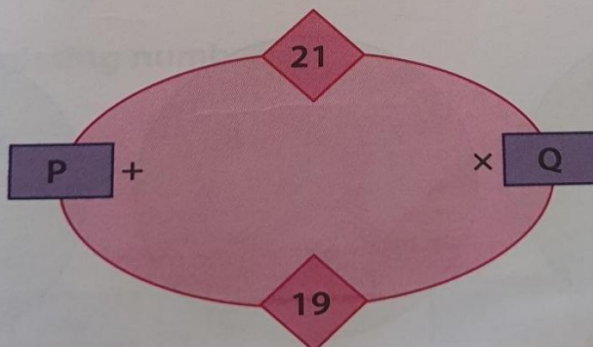
(a) 23, 24, 19

✓ (b) 24, 19, 23

(c) 22, 27, 17

(d) 27, 17, 22

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



✓ (a) 40, 399

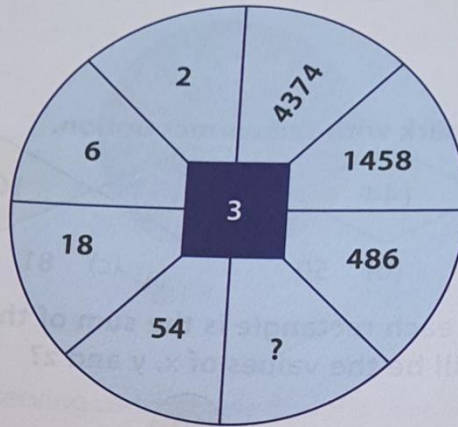
(b) 399, 40

(c) 40, 299

(d) 299, 40

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

4.



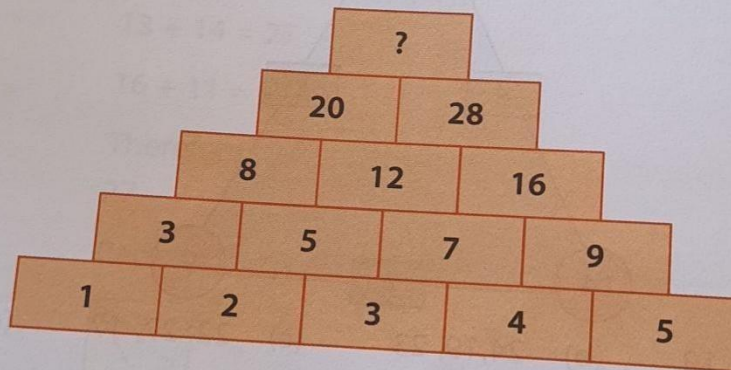
(a) 80

(b) 153

☒ (c) 162

(d) 224

5.



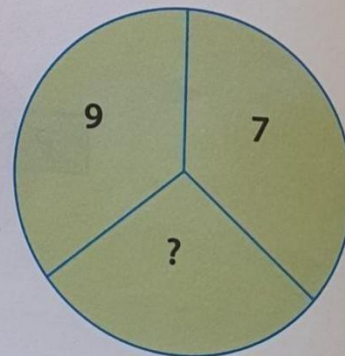
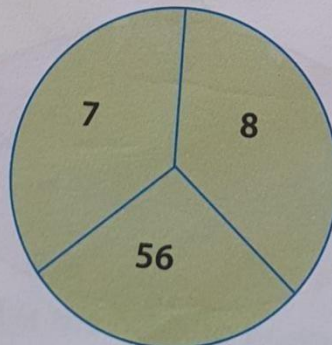
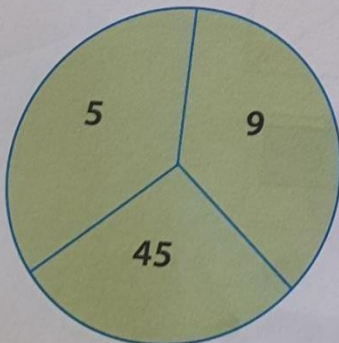
(a) 30

(b) 40

☒ (c) 48

☐ (d) 58

6.

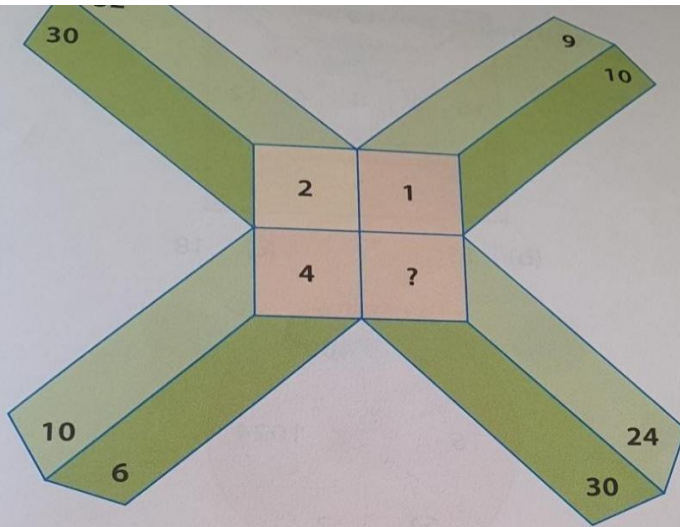


(a) 48

☒ (b) 63

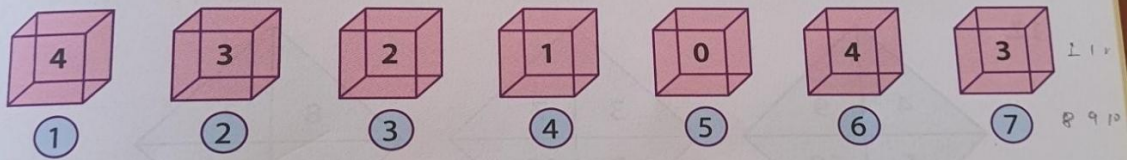
(c) 58

(d) 67



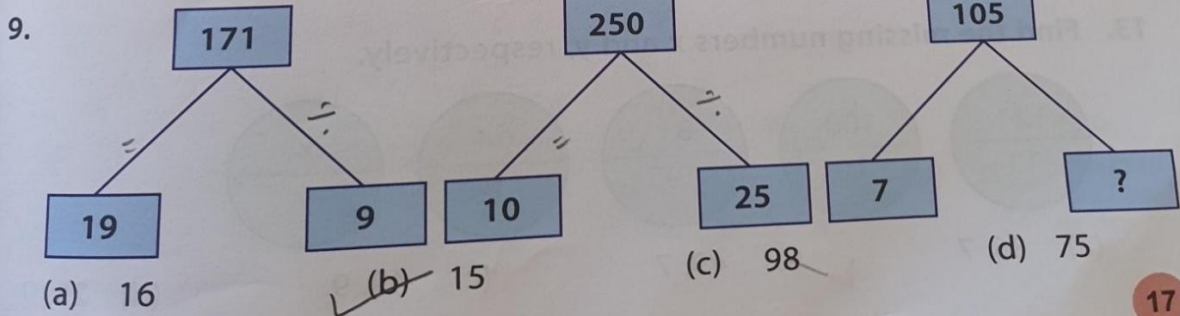
- (a) 3 (b) 5 ✓ (c) 6 (d) 7

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

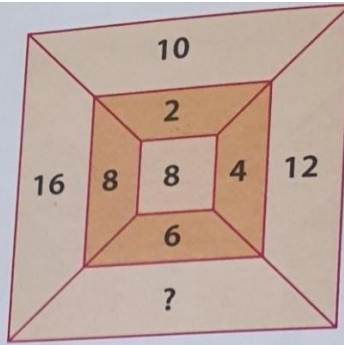


- (a) 3 ✓ (b) 0 (c) 1 (d) 2

Type C Find the missing number.



10.



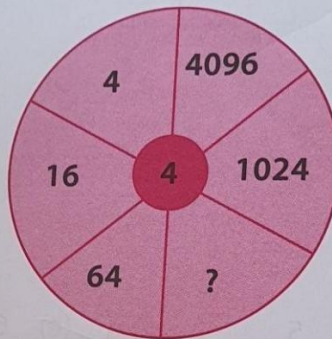
✓ (a) 14

(b) 15

(c) 18

(d) 75

11.



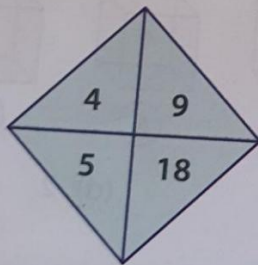
(a) 84

(b) 258

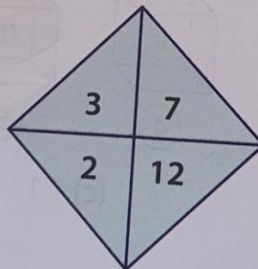
(c) 224

✓ (d) 256

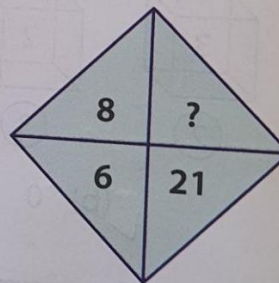
12.



✓ (a) 7



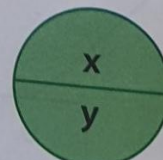
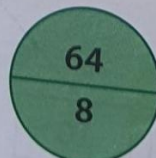
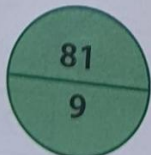
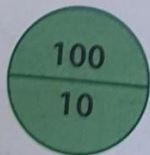
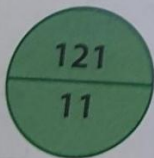
(b) 8



(c) 9

(d) 2

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



(a) 36, 7

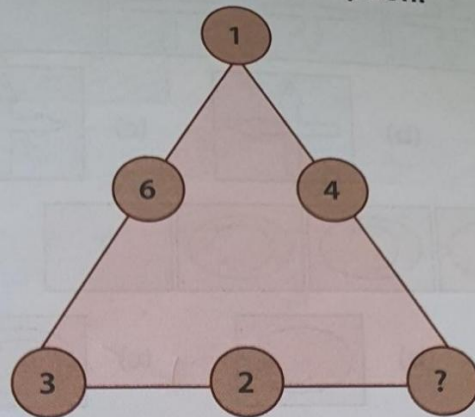
✓ (b) 49, 7

(c) 49, 9

(d) 25, 9

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

14.



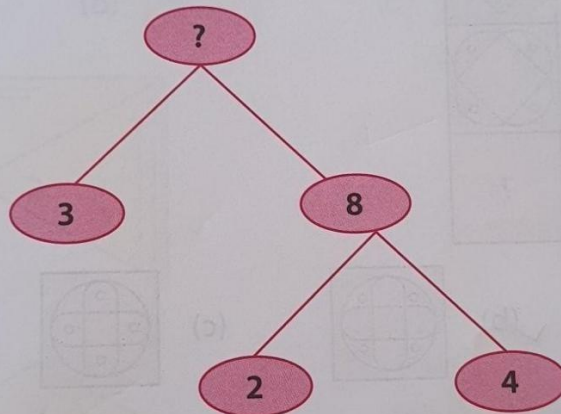
(a) 2

(b) 3

(c) 4

☒ (d) 5

15.



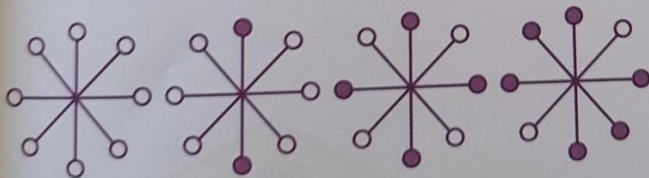
(a) 5

☒ (b) 24

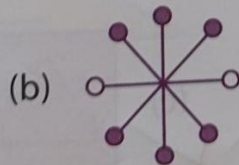
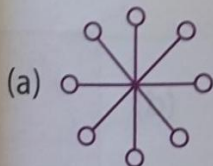
(c) 11

(d) 15

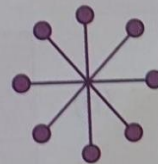
16.



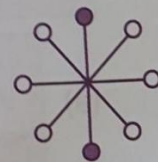
?



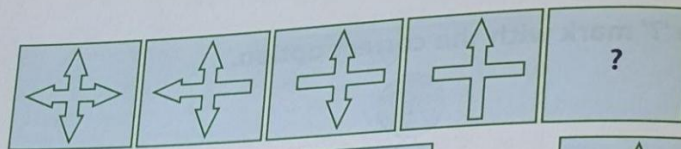
☒ (c)



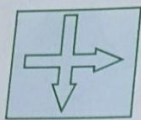
(d)



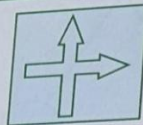
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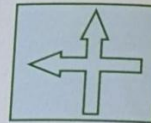
(a)



(b)



(c)



✓ (d)



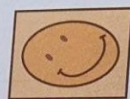
18.



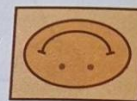
(a)



(b)



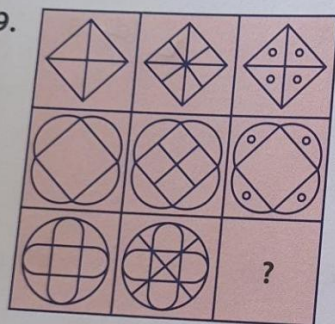
✓ (c)



(d)



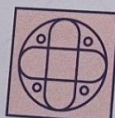
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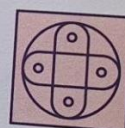
(a)



✓ (b)



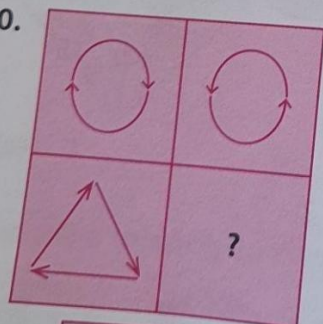
(c)



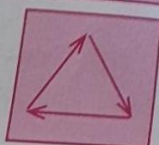
(d)



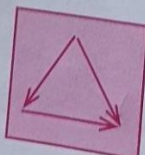
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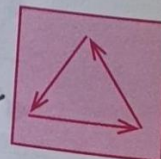
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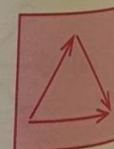
(b)



✓ (c)



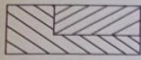
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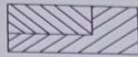
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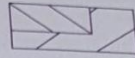
✓ (a)



(b)



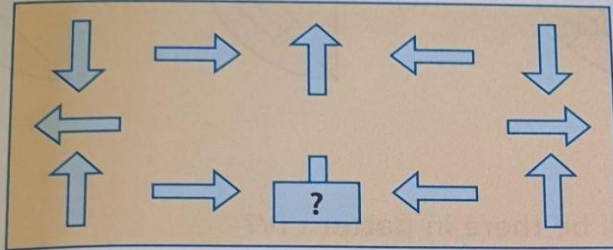
(c)



(d)



22.



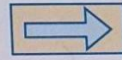
✓ (a)



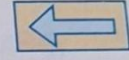
(b)



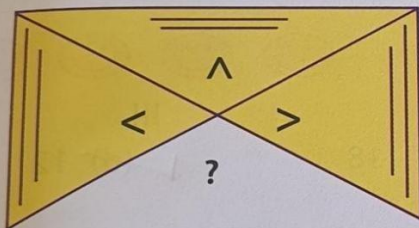
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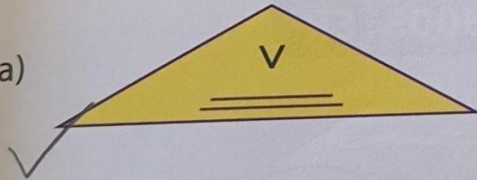
(d)



23.



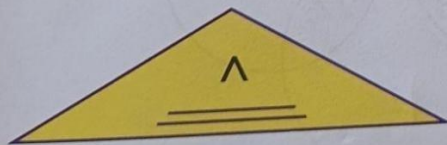
(a)



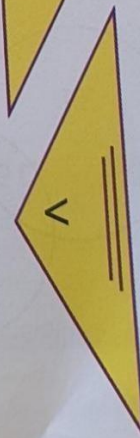
(b)



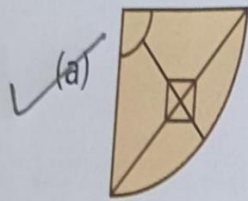
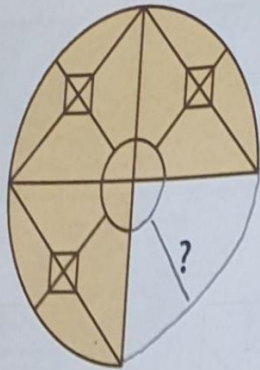
(c)



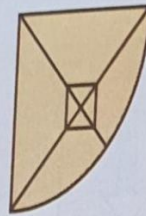
(d)



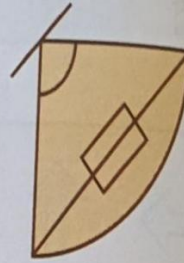
24.



(b)



(c)

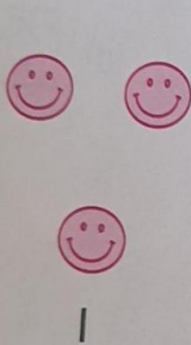


(d)

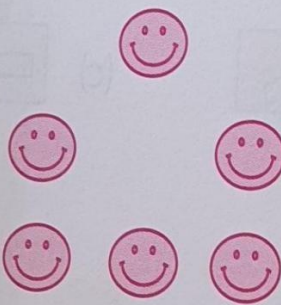


Type E

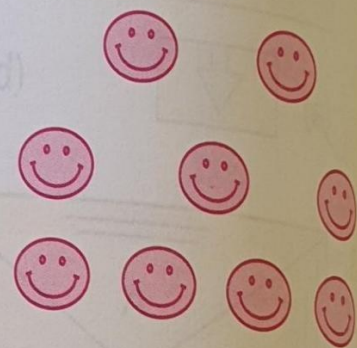
25. How many smiling faces will be there in pattern IV?



(a) 24



(b) 10



(c) 18

✓ (d) 12

CHAPTER 4

MULTIPLICATION

KEY TERMS (In notebook)

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

	T	O	
	2	3	
×		3	
	6	9	

Multiplicand

Multiplier

Product

Exercise 4.1

Fill in the blanks.

1	$7 \times 7 = \underline{49}$	2	$10 \times 9 = \underline{90}$	3	$3 \times 9 = \underline{27}$
4	$4 \times 8 = \underline{32}$	5	$5 \times 8 = \underline{40}$	6	$6 \times 7 = \underline{42}$
7	$9 \times 7 = \underline{63}$	8	$8 \times 9 = \underline{72}$	9	$3 \times 8 = \underline{24}$

Exercise 4.2

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

a.

	H	T	O
		2	3
×			2
		4	6

e.

	H	T	O
		3	4
×			2
		6	8

f. H.W.

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

a.

	H	T	O
		6	5
×			5
	3	7	0

Correct answer

	H	T	O
		2	
		6	5
×			5
	3	2	5

c.

	H	T	O
		4	5
×			6
	2	4	6

Correct answer

	H	T	O
		4	5
×			6
	2	7	0

f. H.W.

Exercise 4.3

Q.1. Multiply the following sums.

a.

	H	T	O
	3	2	1
×			3
	9	6	3

d.

	H	T	O
	1	4	6
×			5
	7	3	0

e.

	H	T	O
	2	3	3
×			2
	4	6	6

2. Solve:

c. $563 \times 4 = \underline{2252}$

		H	T	O
		5	6	3
×				4
	2	2	5	2

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

	H	T	O
	1		
	2	6	4
×			3
	7	9	2

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

	H	T	O
	4	2	7
×			2
	8	5	4

Exercise 4.4

Q.1. Multiply the following.

b. 25×43

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

d. 42×23

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

Q.2. Solve the following.

a.

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

b.

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

d.

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

Exercise 4.5

Q.1. Solve the sums.

a. 121×2

	H	T	O
	1	2	1
×			2
	2	4	2

c. 222×3

	H	T	O
	2	2	2
×			3
	6	6	6

f.

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

Q.2 Multiply the following.

a.

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

c.

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

e.

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

Exercise 4.6

Multiply the following:

1.	$12 \times 10 = \underline{120}$	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.	$571 \times 0 = \underline{0}$	13.	$671 \times 1 = \underline{671}$		

Exercise 4.7

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

Solution:

Table in 1 classroom = 13

Table in 3 classrooms = 13×3

	T	O
	1	3
×		3
	3	9

Ans: 39 tables can be found in 3 classrooms.

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

Solution:

Capacity of one row = 24

Capacity of 12 rows = 24×12

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

Ans: 288 people can be found in 12 rows.

7. An English textbook has 125 pages. How many pages can be found in 32 books?

Solution:

Number of pages in English textbook = 125

Number of pages in 32 such books = 125×32

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

Ans: 4000 pages can be found in 32 books.

Competency Based

Questions:

QI Choose the correct option

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

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

Answer: C. 875

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

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

Answer: B. 7,000

Q.II Answer in One Word

3. The property shown by $63 \times 21 = 21 \times 63$ is called _____.

Answer: Order Property

4. If $3 \times 4 = 12$, then $3 \times 40 = ?$

Answer: 120

Q.III Solve the following

The School Assembly

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

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

Answer: 325×12

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

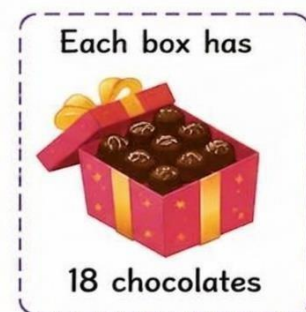
6. If the stadium has 1,500 seats in total, are there enough seats for everyone? Explain why or why not.

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

Q.IV CASE STUDY

Birthday Return Gifts

A shopkeeper packed 28 gift boxes. Each box contained 18 chocolates.



Q1. How many chocolates are there in all?

Answer: $28 \times 18 = 504$

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

Answer: $504 \times 10 = 5040$

Q.V Computational Thinking:

Observe the Pattern

$$\star \times 10 = 70$$

$$\star + \star \times 10 = 140$$

$$\star + \star + \star \times 10 = 210$$

$$\star + \star + \star + \star \times 10 = ?$$

Questions

1. How much is one $\star$ worth?

Answer: 7

2. Find the value of $\star + \star + \star + \star \times 10$.

Answer: 280

Reflection:

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

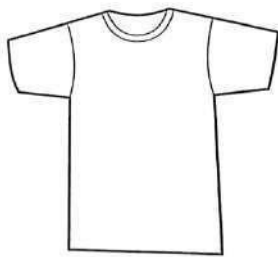
CHAPTER: 7 Geometry

Exercise 7.1

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



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



Number of horizontal lines = 1

Number of vertical lines = 2

Number of slanting lines = 4

Number of curved lines = 5

Exercise 7.2

1. Who am I?

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

2. Complete the given table.

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

3. Fill in the blanks.

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



Delhi Public School Gandhinagar
Academic session (2026-27)

Class: III

Study Material

JUNE: 2026

Subject: Maths

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3

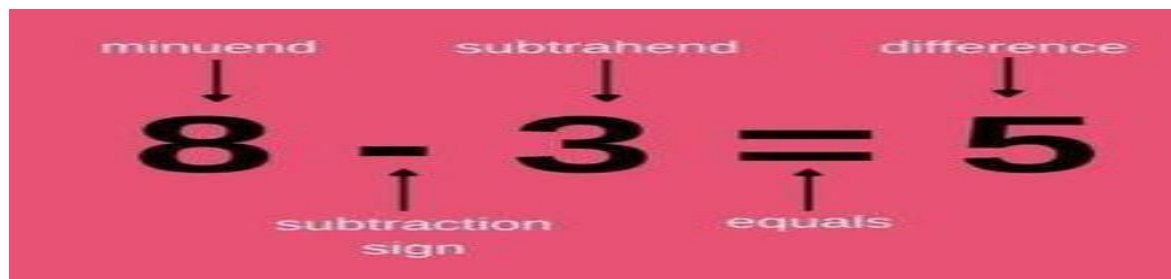
SUBJECT: MATHS

CHAPTER- 3

SUBTRACTION (JUNE STUDY MATERIAL)

Academic Session 2026-27

SUBTRACTION KEY TERMS: (IN NOTEBOOK)



Exercise 3.1

1. Subtract the following.

a.

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

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

c. H.W.

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

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

(TO BE DONE IN TEXTBOOK)

Exercise 3.2

1. Subtract the following.

a.

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

c.

	H	T	O
	4	17	18
	5	8	8
-	1	9	9
	3	8	9

f.

	H	T	O
		7	15
	7	8	5
-	5	6	7
	2	1	8

2. Subtract the following.

a. $446 - 337$

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

b. $734 - 328$

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

e. $641 - 418$

	H	T	O
		3	11
	6	4	1
-	4	1	8
	2	2	3

Exercise 3.3

1. Subtract the following.

a.

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

d.

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

e.

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

2. Write the numbers in column and subtract.

a. 5475 - 2314

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

c. 6425 - 1314

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

f. 4674 - 2234

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

Exercise 3.4

1. Subtract the numbers.

a.

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

c.

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

e.

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

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

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

Exercise 3.5

Subtract and check your answer.

1.

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

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

3.

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

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

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3

SUBJECT: MATHS

Academic Session 2026-27
APRIL AND MAY MONTH

CHAPTER- 1
NUMBERS

Exercise 1.1 (Notebook)

1. Write the given numerals in words.

a. 4205 – Four thousand two hundred five

d. 4008 – Four thousand eight.

e. 3112 **H.W.**

2. Write the following numerals.

a. Six thousand fifty-four- 6,054

c. Four thousand- 4,000

f. **H.W.**

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

Number	Place value of the underlined digits	Face value of the underlined digit
5035	5	5
1500	0	0
9930	9,000	9

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

Ans: $3000 + 30 = 3,030$

Exercise 1.2

Fill in the blanks.

1. $3564 = 3000 + \underline{500} + \underline{60} + 4$

3. $6607 = \underline{6000} + \underline{600} + 7$

5. $\underline{9730} = 9 \text{ thousands} + 7 \text{ hundreds} + 3 \text{ tens}$

6. $5020 = 5 \times 1000 + 2 \times 10$

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. $3901 \geq 1450$
- d. $303 \leq 3030$
- e. $1983 \geq 1783$

2. Arrange the following numbers in ascending order.

a. 3489 5689 5789 9989 3979
Ans: 3489 3979 5689 5789 9989

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

3. Arrange the following numbers in descending order.

a. 4532 6932 1546 7543
Ans: 7543 6932 4532 1546

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

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

a. 1, 5, 8, 9

Ans: Greatest 4-digit number: 9,851
Smallest 4-digit number: 1,589

c. 2, 0, 6, 3

Ans: Greatest 4-digit number: 6,320
Smallest 4-digit number: 2,036

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

a. 9, 1, 3

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

b. 8, 6, 2 (**H.W.**)

Greatest 4-digit number: 8,862
Smallest 4-digit number: 2,268

c. 3, 1, 0

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

Exercise 1.4

1. Write the successor of the following numbers.

a. 2986

Ans: $2986 + 1 = 2987$

b. 5129

Ans: $5129 + 1 = 5130$

d. 1992 **H.W.**

2. Write the predecessor of the following numbers.

a. 1046

Ans: $1046 - 1 = 1045$

e. 9500

Ans: $9500 - 1 = 9499$

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

3. Complete the given table.

Predecessor	Number	Successor
3245	<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

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

ROUNDING OFF NUMBERS:

Exercise 1.6

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

a. 34

Ans: 34

Here, $4 < 5$

So, 34 is rounded down to 30.

e. 428

Ans: 428

Here, $8 > 5$

So, 428 is rounded up to 430.

d. 916 H.W.

Ans: 916

Here, $6 > 5$

So, 916 is rounded up to 920.

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

a. 236

Ans: 236

Here, $3 < 5$

So, 236 is rounded down to 200.

c. 2103

Ans: 2103

Here, $0 < 5$

So, 2103 is rounded down to 2100.

d. 1758

Ans: 1758

Here, 5 = 5

So, 1758 is rounded up to 1800.

Reflection:

I have learnt:

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

COMPETENCY BASED QUESTIONS:

QI Choose the correct option

1. The number which comes just after 5 TENS.

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

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

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

QII. Answer in one word:

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

Ans. 459

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

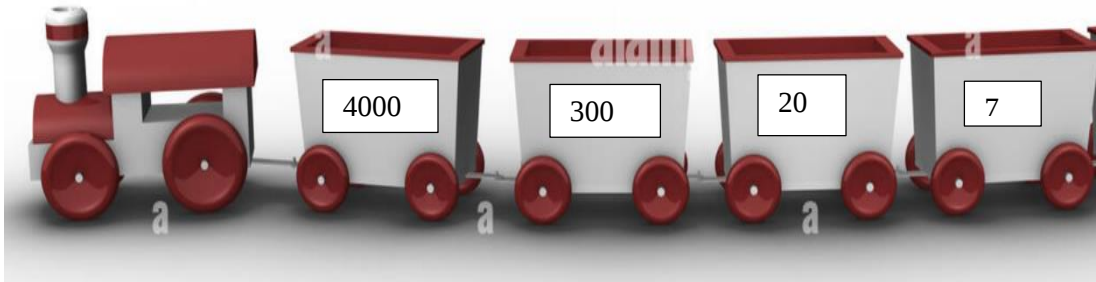
Ans. Smallest 4-digit number 1000.

QIII. Solve the following:

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

Ans 6936

2.



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

$$4000 + 300 + 20 + 7 = \underline{\hspace{2cm}}$$

QIV. Case Study:

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

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

i) Arrange their school supplies counts in ascending order to determine who had the most items.

Ans. 2879, 3120, 3456, 3567

ii) Who had the second-highest items?

Ans. Zoe

iii) Who had the least no. of items?

Ans. Max

iv) Who had the most no. of items?

Ans. Emma

CHAPTER- 2- ADDITION

Exercise 2.1

1. Add the following.

a.

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

c.

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

e.

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

f.

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

2. Arrange the following in columns and add.

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

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

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

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

f. $561 + 321 + 115 = 997$

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

Exercise 2.2

1. Add the following.

a.

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

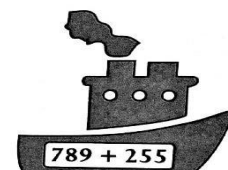
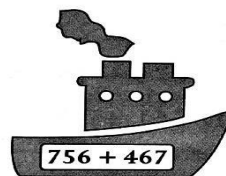
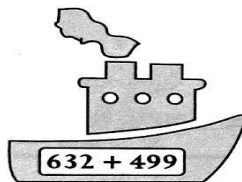
d.

	Th	H	T	O
		1	1	
		9	8	7
+		2	3	4
	1	2	2	1

f.

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

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



1,131	1,223	1,010	1,044
-------	-------	-------	-------

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

Exercise 2.3

1. Add the following.

a.

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

b.

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

f.

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

2. Solve the following:

a. $4106 + 1212$

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

b. $7120 + 1269$

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

e. $7002 + 2356$

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

Exercise 2.4

1. Add the following.

a.

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

b.

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

f.

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

2. Add:

a. $4267 + 1293$

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

d. $1289 + 3281$

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

f. $7299 + 1728$

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

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

Thinking Skills

Chapter-1 Alphabet Test



EXERCISE TIME

Type A

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

1. (i) FAVOUR (ii) RIGHT (iii) LADY (iv) FAIL
(a) (i), (iv), (ii), (iii) ✓(b) (iv), (i), (iii), (ii)
(c) (iv), (i), (ii), (iii) (d) (i), (ii), (iii), (iv)
2. (i) TANK (ii) BANK (iii) RANK (iv) FRANK
(a) (iv), (ii), (i), (iii) ✓(b) (ii), (iv), (iii), (i)
(c) (i), (iii), (ii), (iv) (d) (ii), (iv), (i), (iii)
3. (i) CHECK (ii) CHICK (iii) CLICK (iv) CLOAK
✓(a) (i), (ii), (iii), (iv) (b) (iv), (i), (ii), (iii)
(c) (i), (iii), (ii), (iv) (d) (iii), (ii), (i), (iv)
4. (i) PLY (ii) PILE (iii) PIE (iv) PILLAR
(a) (iv), (ii), (iii), (i) ✓(b) (iii), (ii), (iv), (i)
(c) (iv), (i), (ii), (iii) (d) (iv), (iii), (i), (ii)
5. (i) ALLOW (ii) APPLE (iii) ALWAYS (iv) ABLE
(a) (ii), (i), (iv), (iii) (b) (iii), (i), (ii), (iv)
✓(c) (iv), (i), (iii), (ii) (d) (iv), (ii), (i), (iii)

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?