

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS: 3

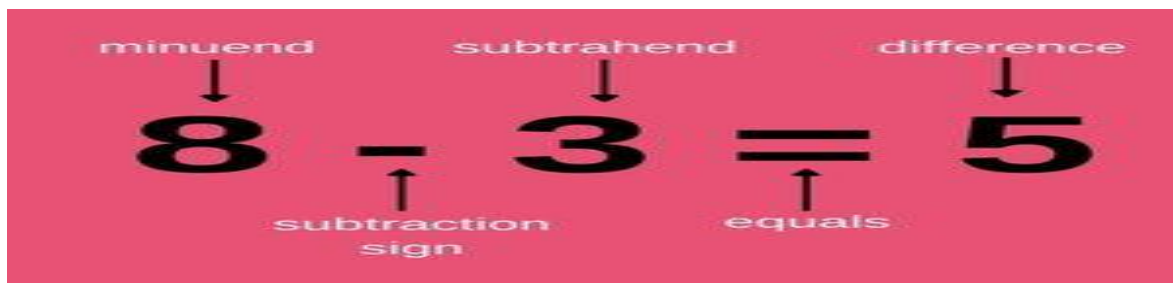
SUBJECT: MATHS

CHAPTER- 3

SUBTRACTION (JUNE STUDY MATERIAL)

Academic Session 2025-26

SUBTRACTION KEY TERMS: (IN NOTEBOOK)



Exercise 3.1

1. Subtract the following.

a.

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

c. H.W.

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

e.

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

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

(TO BE DONE IN TEXTBOOK)

Exercise 3.2

1. Subtract the following.

a.

	H	T	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)

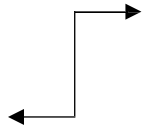
4038 – 2574	1464
8527 – 375	8152
6752-3827	2925
9526-6873	2653
7800 - 1786	6014

Exercise 3.5

Subtract and check your answer.

1.

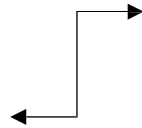
	Th	H	T	0
	2	9	12	10
	3	0	3	0
-	1	3	8	8
	1	6	4	2



	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

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?

Total students	=	3926
Number of girls	=	– 1572
Number of boys	=	<u>2354</u>

Thus, there are 2354 boys in the school.

Exercise 3.8

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

Solution:

Number of bird families living near the mountains = 245

Number of bird families flew away for the winter = 132

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

Ans: 113 bird families are left near the mountains.

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

Solution: Number of passengers on a ship = 590

Number of adults = 380

Number of children = $590 - 380 = 210$

Ans: 210 children were present on the ship.

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

Solution:

Number of cupcakes in his shop = 1256

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

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

Ans: 650 cupcakes remain with Jim now.

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

Solution:

Number of bags of sugar in a mega store = 4680

Number of bags delivered on Monday = 2724

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

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

CBE QUESTIONS

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

Ans: $1,000 - 100 = 900$

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

Ans: 456 tens = 4560

$$4560 - 2456 = 2,104$$

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

4 thousands 3 hundreds 2 tens 6 ones \geq 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: $8,000 - 7,200 = 800$

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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. $6607 = \underline{6000} + \underline{600} + 7$
5. 9730 = 9 thousands + 7 hundreds + 3 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

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

Rounding off numbers:

Exercise 1.6

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

a. 34

Ans: 34

Here, $4 < 5$

So, 34 is rounded down to 30.

e. 428

Ans: 428

Here, $8 > 5$

So, 428 is rounded up to 430.

d. 916 **H.W.**

Ans: 916

Here, $6 > 5$

So, 916 is rounded up to 920.

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

a. 236

Ans: 236

Here, $3 < 5$

So, 236 is rounded down to 200.

c. 2103

Ans: 2103

Here, $0 < 5$

So, 2103 is rounded down to 2100.

d. 1758

Ans: 1758

Here, $5 = 5$

So, 1758 is rounded up to 1800.

Reflection:

I have learnt:

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

Competency based Questions:

1) Seventy-nine can be written as

(a) $7 + 9$

(b) $7 + 90$

(c) $70 + 90$

(d) $9 + 70$

2) The number which comes just after 5 TENS is

(a) 16

(b) 49

(c) 51

(d) 60

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

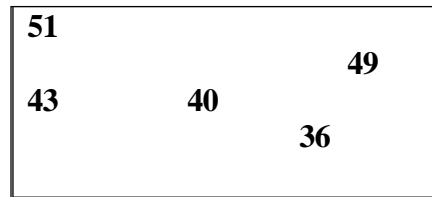


- (a) 20 and 25 **(b) 25 and 30** (c) 50 and 60 (d) 70 and 80

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?



- (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

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APRIL AND MAY MONTH

CHAPTER- 2
ADDITION

Exercise 2.1

1. Add the following.

a.

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

c.

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

e.

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

f.

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

2. Arrange the following in columns and add.

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

	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	0
		7	6	5
+		5	6	4
	1	3	2	9

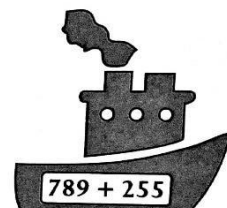
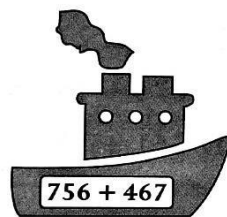
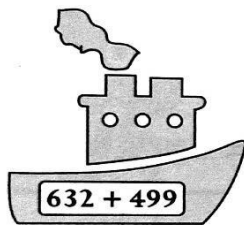
d.

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

f.

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

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



1,131	1,223	1,010	1,044
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Ans: Tanmay can go in third and fourth boat on a cruise with his father.

Exercise 2.3

1. Add the following.

a.

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

b.

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

f.

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

2. Add:

a. $4106 + 1212$

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

b. $7120 + 1269$

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

e. $7002 + 2356$

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

Exercise 2.4

1. Add the following.

a.

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

b.

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

f.

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

2. Solve the following:

a. $4267 + 1293$

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

d. $1289 + 3281$

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

f. $7299 + 1728$

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

Exercise 2.5

1. Fill in the blanks.

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

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 = $655 + 454$

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

Ans: There are 1109 trees are there in total.

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

Solution:

Number of students in kindergarten in the year 2000 = 545

Number of more students in the next year = 748

Number of students in total = $545 + 748$

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

Ans: There are 1293 students in total.

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

Solution:

Number of English story books = 4500

Number of Hindi story books = 2527

Number of mental maths books = 2025

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

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

Ans: There are 9052 books in the library.

Q6. (H.W.)

CBE QUESTIONS

1. Which number is 18 more than 62?

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

2. Select the correct option.

84 is equal to?

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

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

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

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

- (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. $1358 + 2980 = 2980 + \underline{1358}$

2. $2290 + \underline{0} = 2290$

3. $3469 + 0 = 0 + \underline{3469}$

4. $4900 = 0 + \underline{4900}$

Thinking Skills

Chapter-1 Alphabet Test



EXERCISE TIME

Type A

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

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

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