

Lesson 4

SUBTRACTION

Exercise 4.3.

Solve the following.

1. In a farm, there are 550 trees. Due to heavy rain 328 trees were uprooted. How many trees were left in the farm.

Solution

No. of trees in a park = 550

No. of trees uprooted = 328

No. of trees left in park = $550 - 328$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 550 \\ - 328 \\ \hline 222 \end{array}$$

Final statement – There are 222 trees left in the park.

2. In a school, there are 3416 students. If there are 1798 boys, then how many girls are studying in the school?

Solution

No. of students in the school = 3416

No of boys in the school = 1798

No. of girls in the school = 3416 – 1798

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 3416 \\ - 1798 \\ \hline 1618 \end{array}$$

Final statement – There are 1618 girls studying in the school.

3. In a library there are 5689 books. If 2147 books are

issued, how many books are left in the library?

Solution

No. of books in the library = 5689

No. of books issued = 2147

No. of books left in the library = 5689 – 2147

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 6 \quad 8 \quad 9 \\ - \quad \underline{2 \quad 1 \quad 4 \quad 7} \\ \underline{3 \quad 5 \quad 4 \quad 2} \end{array}$$

Final statement - There are 3542 books left in the library.

4. On a rainy day out of 3000 students in school, 145 students were absent. How many students came to school that day?

Solution

No. of students enrolled in the school = 3000

No. of students absent due to rain = 145

No. of students present in the school = 3000 – 145

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 3000 \\ - 145 \\ \hline 2855 \end{array}$$

Final statement = 2855 students came to school on rainy day.

5. Mr Anand earns Rs. 9856 per month and Mrs Anand earns Rs 8548 per month. Who earns more and by how much?

Solution

Money earned by Mr. Anand in a month = Rs. 9856

Money earned by Mrs Anand in a month = Rs. 8548

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 9856 \\ - 8548 \\ \hline 1308 \end{array}$$

$$\begin{array}{r}
 - \quad \underline{8 \quad 5 \quad 4 \quad 8} \\
 \underline{1 \quad 3 \quad 0 \quad 8}
 \end{array}$$

Final Statement = Mr. Anand earns more by Rs. 1308.

6. From the sum of 4568 and 3569, subtract 5856.

Solution

Sum of 4568 and 3569

$$\begin{array}{r}
 \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 1 \quad 1 \quad 1 \\
 4 \quad 5 \quad 6 \quad 8 \\
 + \quad \underline{3 \quad 5 \quad 6 \quad 9} \\
 \underline{8 \quad 1 \quad 3 \quad 7}
 \end{array}$$

Subtract 5856 from 8137.

$$\begin{array}{r}
 \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 10 \\
 7 \quad 0 \quad 13 \\
 8 \quad 4 \quad 3 \quad 7 \\
 - \quad \underline{5 \quad 8 \quad 5 \quad 6}
 \end{array}$$

2 2 8 1

Answer = 2281

-
-
7. Mrs Sharma earns Rs 8000 every month. She saves Rs. 1685 per month. What is her monthly expenditure?

Solution

Money earned by Mrs Sharma every month = Rs. 8000

Money saved by Mrs Sharma every month = Rs. 1685

Money spent by Mrs Sharma every month = Rs. 8000
– Rs. 1685

	Th	H	T	O
		9	9	
	7	10	10	10
	8	0	0	0
-	<u>1</u>	<u>6</u>	<u>8</u>	<u>5</u>
	<u>6</u>	<u>3</u>	<u>1</u>	<u>5</u>

Final statement = Monthly expenditure of Mrs Sharma

is Rs. 6315.

8. Out of 5645 kg onions in the market, 4810 kg onions were sold. How many kilograms of onions were left?

Solution

Kilograms of onions in the market = 5645 kg

Kilograms of onions sold = 4810 kg

Kilograms of onion left in the market = 5645 – 4810

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 16 \\ 5 \quad 6 \quad 4 \quad 5 \\ - \quad 4 \quad 8 \quad 1 \quad 0 \\ \hline 0 \quad 8 \quad 3 \quad 5 \end{array}$$

Final statement = 835 kg of onions were left in the market.

Solution

Total no. of students in the school = 1645

No. of students above class Vth = 798

No. of students below class Vth = 1645 – 798

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 1645 \\ - 798 \\ \hline 847 \end{array}$$

Final statement = 847 students are below Vth class.

11. A boy gave 1360 sweets to his classmates and 985 sweets to his teachers. If he had 4500 sweets, how many are left?

Solution

No. of sweets given by the boy to his classmates = 1360

No. of sweets given by the boy to the teachers = 985

Total no. of sweets the boy had = 4500

No. of sweets with the boy after distribution = $1360 + 985 - 4500$

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 1 \quad 3 \quad 6 \quad 0 \\ + \quad \underline{\quad 9 \quad 8 \quad 5} \\ \underline{2 \quad 3 \quad 4 \quad 5} \end{array}$$

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad \quad \quad 9 \\ \quad \quad 4 \quad \cancel{10} \quad 10 \\ 4 \quad \cancel{5} \quad \cancel{0} \quad \cancel{0} \\ - \quad \underline{2 \quad 3 \quad 4 \quad 5} \\ \underline{2 \quad 1 \quad 5 \quad 5} \end{array}$$

Final statement – 2155 sweets are left with the boy.

12. There were 3000 pages in a book. If Nikita read 1420 pages and Ankita read 1035 pages, how many are left?

Solution

Total no. of pages in the book = 3000

No. of pages read by Nikita = 1420

No. of pages read by Ankita = 1035

No. of pages left in the book = $1420 + 1035 - 3000$

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 1 \quad 4 \quad 2 \quad 0 \\ + \quad \underline{1 \quad 0 \quad 3 \quad 5} \\ \underline{2 \quad 4 \quad 5 \quad 5} \end{array}$$

$$\begin{array}{r}
 \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 9 \quad 9 \\
 2 \quad 10 \quad 10 \quad 10 \\
 3 \quad 0 \quad 0 \quad 0 \\
 - \quad \underline{2 \quad 4 \quad 5 \quad 5} \\
 \underline{0 \quad 5 \quad 4 \quad 5}
 \end{array}$$

Final statement = 545 pages are left.

Holiday homework

1. Write tables from 1 to 12 in rough copy and learn it.
2. Learn the definitions and properties given in classwork from chapter 1 to 4.
3. Practice the exercises given in copy from chapter 1 to 4.