

## Lesson 4

### SUBTRACTION

#### Exercise 4.3.

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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.

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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.

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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.

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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.

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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

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

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

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

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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.

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

2 2 8 1

Answer = 2281

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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	<del>10</del>	<del>10</del>	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.

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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

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

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

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9. Sujata earns Rs 6450 in a month. If she saves Rs. 3095 every month. How much she spends every month?

Solution

Money earned by Sujata every month = Rs. 6450

Money saved by Sujata every month = Rs. 3095

Money spent by Sujata every month = 6450 – 3095

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

Final statement = Sujata spends Rs. 3355 every month.

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10. In a school, there are 1645 students. 798 of them are above Vth class. How many students are below Vth class?



### Solution

Total no. of students in the school = 1645

No. of students above class Vth = 798

No. of students below class Vth = 1645 – 798

$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 1645 \\ - 798 \\ \hline 0847 \end{array}$$

Final statement = 847 students are below Vth class.

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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.

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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 =  $1420 + 1035 - 3000$

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

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

Final statement = 545 pages are left.

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