

Lesson 4

SUBTRACTION (work to be done in copy)

Rules for subtraction

We cannot change the order of the number when we subtract.

Example : $7 - 2 = 5$ which is not equal to $2 - 7 = -5$

When zero is subtracted from any number, the result is the number itself.

Example : $9 - 0 = 9$

While subtracting numbers which have more than 1- digit, we first subtract the digits in ones place followed by tens and hundreds place.

Example:

	H	T	O
	7	6	8
---	<u>3</u>	<u>4</u>	<u>5</u>
	4	2	3

EXERCISE 4.1

Subtract the following.

$$\begin{array}{r} (1) \quad 7 \quad 6 \quad 5 \\ - \quad 3 \quad 4 \quad 2 \\ \hline 4 \quad 2 \quad 3 \end{array}$$

$$\begin{array}{r} (2) \quad 8 \quad 9 \quad 7 \\ - \quad 5 \quad 0 \quad 6 \\ \hline 3 \quad 9 \quad 1 \end{array}$$

$$\begin{array}{r} (3) \quad 6 \quad 4 \quad 6 \\ - \quad 4 \quad 4 \quad 0 \\ \hline 2 \quad 0 \quad 6 \end{array}$$

$$\begin{array}{r} \quad \quad 4 \quad 16 \\ (4) \quad 9 \quad 5 \quad 6 \\ - \quad 4 \quad 4 \quad 8 \\ \hline 5 \quad 0 \quad 8 \end{array}$$

$$\begin{array}{r} \quad \quad 6 \quad 10 \\ (5) \quad 7 \quad 0 \quad 6 \\ - \quad 2 \quad 4 \quad 5 \\ \hline 4 \quad 6 \quad 1 \end{array}$$

$$\begin{array}{r} \quad \quad 7 \quad 15 \quad 10 \\ (6) \quad 8 \quad 6 \quad 0 \\ - \quad 3 \quad 9 \quad 7 \\ \hline 4 \quad 6 \quad 3 \end{array}$$

(Note – To be done by students)

$$\begin{array}{r} (9) \quad 4 \quad 3 \quad 4 \\ - \quad 3 \quad 7 \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} (10) \quad 7 \quad 0 \quad 0 \\ - \quad 3 \quad 4 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} (11) \quad 8 \quad 0 \quad 0 \\ - \quad 5 \quad 6 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} (12) \quad 5 \quad 4 \quad 6 \\ - \quad 2 \quad 8 \quad 9 \\ \hline \end{array}$$

EXERCISE 4.2

Subtract the following .

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

$$\begin{array}{r} \text{(2) Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 8 \quad 8 \quad 5 \quad 3 \\ - 5 \quad 6 \quad 0 \quad 1 \\ \hline 3 \quad 2 \quad 5 \quad 2 \end{array}$$

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

(4)	Th	H	T	O
			5	14
	7	5	6	4
—	2	4	3	6
	5	1	2	8

(5)	Th	H	T	O
		4	14	
	8	5	4	3
—	2	1	6	0
	6	3	8	3

(6)	Th	H	T	O
		12		
	5	2	10	
	6	3	0	8
—	2	4	1	8
	3	8	9	0

(7)

	Th	H	T	O
			16	
		3	6	16
	5	4	7	6
—	<u>2</u>	<u>3</u>	<u>8</u>	<u>7</u>
	<u>3</u>	<u>0</u>	<u>8</u>	<u>9</u>

(8)

	Th	H	T	O
			12	
	3	9	2	16
	4	0	3	6
—	<u>2</u>	<u>7</u>	<u>5</u>	<u>8</u>
	<u>1</u>	<u>2</u>	<u>7</u>	<u>8</u>

(To be done by students)

$$\begin{array}{r} 9. \text{ Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 9 \quad 0 \quad 0 \quad 2 \\ - \quad \underline{4 \quad 7 \quad 8 \quad 6} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \text{ Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 8 \quad 0 \quad 0 \quad 0 \\ -- \quad \underline{4 \quad 5 \quad 2 \quad 6} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \text{ Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 4 \quad 5 \quad 2 \\ - \quad \underline{1 \quad 7 \quad 9 \quad 8} \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12. \text{ Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 3 \quad 4 \quad 2 \\ - \quad \underline{2 \quad 7 \quad 8 \quad 9} \\ \hline \end{array}$$