

St. Andrews Scots Sr. Sec. School

I.P.Extension, Patparganj, Delhi- 110092

Session:2026-2027

Subject: Mathematics

Class: III

Unit-3 (Addition of 4 Digit Numbers)

Questions to be done:

Ex 3A- Q1 -a,e,f in Book

Q2-a,c,g,h in Notebook

Q3 in Notebook

Q4 a,d in Notebook

Q5 in Book

Ex 3B- Q2,4,5 in Notebook

Ex3C- Q1- b,e,f in Book

Q2- b,d in Notebook

Ex 3D- Q1,3,4,7 in Notebook

Ex 3E- Q- a,f,g,h in Notebook

Ex3F- Q1 a,c in Notebook

Q2 b,d in Notebook

Review Time

Worksheet

Activity

Solutions

Exercise 3A

$$\begin{array}{r}
 \text{1. (a)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ & 2 & 5 & 0 & 3 \\ + & 3 & 2 & 1 & 4 \\ \hline & 5 & 7 & 1 & 7 \end{array}
 \end{array}$$

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

$$\begin{array}{r}
 \text{(c)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ & 4 & 1 & 3 & 7 \\ + & 2 & 8 & 5 & 2 \\ \hline & 6 & 9 & 8 & 9 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(d)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ & 3 & 4 & 1 & 0 \\ + & 6 & 5 & 8 & 9 \\ \hline & 9 & 9 & 9 & 9 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(e)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ & 7 & 5 & 4 & 2 \\ + & 1 & 4 & 3 & 7 \\ \hline & 8 & 9 & 7 & 9 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(f)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ & 4 & 8 & 3 & 5 \\ + & 5 & 1 & 4 & 3 \\ \hline & 9 & 9 & 7 & 8 \end{array}
 \end{array}$$

2. (a) 4599 (b) 5395 (c) 5555 (d) 7756 (e) 8764
 (f) 8285 (g) 8765 (h) 3934

3.
$$\begin{array}{r}
 \begin{array}{cccc} 2 & 3 & 1 & 4 \\ 1 & 2 & 3 & 4 \\ + & 3 & 1 & 4 & 1 \\ \hline 6 & 6 & 8 & 9 \end{array}
 \end{array}$$
 So, the sum of 2314, 1234 and 3141 is 6689.

$$\begin{array}{r}
 \text{4. (a)} \quad \begin{array}{cccc} & 8 & 2 & 3 & 1 \\ & & 4 & 3 & 2 \\ + & & & 2 & 3 \\ \hline & 8 & 6 & 8 & 6 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(b)} \quad \begin{array}{cccc} & 3 & 1 & 2 & 3 \\ & & 4 & 5 & 1 & 4 \\ + & & 1 & 3 & 3 & 0 \\ \hline & 8 & 9 & 6 & 7 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(c)} \quad \begin{array}{cccc} & 5 & 0 & 0 & 0 \\ & & 1 & 9 & 0 & 0 \\ + & & 2 & 0 & 9 & 0 \\ \hline & 8 & 9 & 9 & 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(d)} \quad \begin{array}{cccc} & 6 & 5 & 4 & 3 \\ & & 1 & 2 & 2 & 1 \\ + & & 1 & 0 & 1 & 2 \\ \hline & 8 & 7 & 7 & 6 \end{array}
 \end{array}$$

5. (a) $3845 + 0 = \underline{3845}$ (b) $6192 + \underline{0} = 6192$
 (c) $8134 + 1213 = 1213 + \underline{8134}$
 (d) $6000 + 190 + 2120 = 2120 + 190 + \underline{6000}$

Exercise 3B

1.
$$\begin{array}{r} 1123 \\ +2315 \\ \hline 3438 \end{array}$$
 So, the length of rope after joining is 3438 metres.

2. Number of items produced on Monday = 3712 3712
 Number of items produced on Tuesday = 4135 + 4135
 Total items produced in two days = 7847. 7847

3. Number of packets of flavoured milk = 4325
 Number of packets of flavoured yoghurt = + 1620
 Total packets = 5945

4. Number of eggs produced in 1st day = 1205
 Number of eggs produced in 2nd day = 1453
 Number of eggs produced in 3rd day = + 2131
 Total number of eggs produced = 4789

5. Cost of portable TV = ₹ 3 1 4 5
 Cost of mixer grinder = ₹ 2 5 0 0
 Cost of iron = + ₹ 3 3 4
 Total cost = ₹ 5 9 7 9
 Thus, She paid ₹ 5979.

Exercise-3C

1. (a)
$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1} \textcircled{1} \\ 2 \ 3 \ 4 \ 5 \\ + 6 \ 8 \ 7 \ 4 \\ \hline 9 \ 2 \ 1 \ 9 \end{array}$$

(b)
$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1} \textcircled{1} \textcircled{1} \\ 5 \ 6 \ 3 \ 7 \\ + 2 \ 4 \ 9 \ 5 \\ \hline 8 \ 1 \ 3 \ 2 \end{array}$$

(c)
$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1} \\ 3 \ 9 \ 7 \ 5 \\ + 1 \ 1 \ 1 \ 2 \\ \hline 5 \ 0 \ 8 \ 7 \end{array}$$

(d)
$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1} \textcircled{1} \textcircled{1} \\ 4 \ 7 \ 6 \ 9 \\ + 2 \ 5 \ 8 \ 7 \\ \hline 7 \ 3 \ 5 \ 6 \end{array}$$

$$\begin{array}{r}
 \text{(e)} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \quad \quad \quad \textcircled{1} \quad \textcircled{1} \\
 \quad \quad \quad 6 \quad 3 \quad 5 \quad 7 \\
 \quad \quad \quad 2 \quad 4 \quad 5 \quad 9 \\
 + \quad \quad \quad 1 \quad 2 \quad 3 \\
 \hline
 \quad \quad \quad 8 \quad 9 \quad 3 \quad 9
 \end{array}$$

$$\begin{array}{r}
 \text{(f)} \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \quad \quad \quad \textcircled{1} \quad \textcircled{2} \\
 \quad \quad \quad 4 \quad 7 \quad 8 \quad 9 \\
 \quad \quad \quad 2 \quad 1 \quad 5 \quad 6 \\
 + \quad \quad \quad \quad \quad 3 \quad 7 \\
 \hline
 \quad \quad \quad 6 \quad 9 \quad 8 \quad 2
 \end{array}$$

2. (a) $1990 + 2000 + 2014$

$$\begin{array}{r}
 \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \textcircled{1} \quad \textcircled{1} \\
 1 \quad 9 \quad 9 \quad 0 \\
 2 \quad 0 \quad 0 \quad 0 \\
 + 2 \quad 0 \quad 1 \quad 4 \\
 \hline
 6 \quad 0 \quad 0 \quad 4
 \end{array}$$

(b) $3726 + 634 + 135$

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

(c) $63 + 378 + 5437$

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

(d) $8887 + 654 + 19$

$$\begin{array}{r}
 \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{2} \\
 8 \quad 8 \quad 8 \quad 7 \\
 \quad \quad \quad 6 \quad 5 \quad 4 \\
 + \quad \quad \quad \quad \quad 1 \quad 9 \\
 \hline
 9 \quad 5 \quad 6 \quad 0
 \end{array}$$

Exercise 3D

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\
 1. \quad \text{No. of DVDs of Hindi films} \quad = \quad 3 \quad 6 \quad 7 \quad 4 \\
 \quad \text{No. of DVDs of English films} \quad = \quad + \quad 2 \quad 7 \quad 4 \quad 8 \\
 \quad \text{Total no. of DVDs} \quad = \quad \hline
 \quad \quad \quad \quad \quad \quad \quad \quad 6 \quad 4 \quad 2 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \\
 2. \quad \text{Rahul travelled a distance from home} \quad = \quad 4 \quad 7 \quad 8 \quad 2 \quad \text{km} \\
 \quad \text{He came back to home covering distance} \quad = \quad + \quad 4 \quad 7 \quad 8 \quad 2 \quad \text{km} \\
 \quad \text{Total distance covered by him} \quad = \quad \hline
 \quad \quad \quad \quad \quad \quad \quad \quad 9 \quad 5 \quad 6 \quad 4 \quad \text{km}
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\
 3. \text{ No. of apple juice bottles} = 2 \quad 6 \quad 4 \quad 8 \\
 \text{No. of orange juice bottles} = 3 \quad 3 \quad 1 \quad 4 \\
 \text{No. of grapes juice bottles} = + 1 \quad 4 \quad 5 \quad 2 \\
 \hline
 \text{Total no. of juice bottles} = 7 \quad 4 \quad 1 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{2} \quad \textcircled{1} \\
 4. \text{ No. of men in the village} = 3 \quad 1 \quad 9 \quad 2 \\
 \text{No. of women in the village} = 2 \quad 9 \quad 3 \quad 5 \\
 \text{No. of children in the village} = + 1 \quad 5 \quad 7 \quad 4 \\
 \hline
 \text{Total population} = 7 \quad 7 \quad 0 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \textcircled{2} \quad \textcircled{1} \quad \textcircled{1} \\
 5. \text{ No. of books of fiction} = 3 \quad 4 \quad 7 \quad 1 \\
 \text{No. of books of non-fiction} = 2 \quad 9 \quad 8 \quad 1 \\
 \text{No. of books of other subjects} = + 1 \quad 6 \quad 0 \quad 8 \\
 \hline
 \text{Total no. of books} = 8 \quad 0 \quad 6 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{2} \\
 6. \text{ No. of coconut trees} = 1 \quad 7 \quad 6 \quad 5 \\
 \text{No. of tamarind trees} = 2 \quad 3 \quad 4 \quad 7 \\
 \text{No. of plants} = + \quad \quad 4 \quad 7 \quad 8 \\
 \hline
 \text{Total no. of plants and trees} = 4 \quad 5 \quad 9 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\
 7. \text{ Cost of washing machine} = ₹ \quad 6 \quad 8 \quad 9 \quad 9 \\
 \text{Cost of microwave} = + ₹ \quad 2 \quad 6 \quad 4 \quad 5 \\
 \hline
 \text{Total money paid} = ₹ \quad 9 \quad 5 \quad 4 \quad 4
 \end{array}$$

Exercise 3E

- (a) $82 + 10 = 92$ (b) $137 + 10 = 147$ (c) $331 + 100 = 431$
 (d) $417 + 400 = 817$ (e) $2357 + 1000 = 3357$ (f) $3117 + 1000 = 4117$
 (g) $3222 + 3000 = 6222$ (h) $6006 + 2000 = 8006$

Exercise 3F

1. (a) $65 + 24$

$$65 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 70$$

$$24 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 20$$

Estimated sum

	T	O
	7	0
+	2	0
<hr/>		
	9	0

Actual sum

	T	O
	6	5
+	2	4
<hr/>		
	8	9

(b) $46 + 33$

$$46 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 50$$

$$33 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 30$$

Estimated sum

	T	O
	5	0
+	3	0
<hr/>		
	8	0

Actual sum

	T	O
	4	6
+	3	3
<hr/>		
	7	9

(c) $55 + 31$

$$55 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 60$$

$$31 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 30$$

Estimated sum

	T	O
	6	0
+	3	0
<hr/>		
	9	0

Actual sum

	T	O
	5	5
+	3	1
<hr/>		
	8	6

(d) $73 + 18$

$$73 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 70$$

$$18 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 20$$

Estimated sum

	T	O
	7	0
+	2	0
<hr/>		
	9	0

Actual sum

	T	O
	①	
	7	3
+	1	8
<hr/>		
	9	1

2. (a) $143 + 265$

$$143 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 100$$

$$265 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 300$$

Estimated sum

	H	T	O
	1	0	0
+	3	0	0
<hr/>			
	4	0	0

Actual sum

	H	T	O
	①		
	1	4	3
+	2	6	5
<hr/>			
	4	0	8

(b) $267 + 324$

$$267 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 300$$

$$324 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 300$$

Estimated sum

	H	T	O
	3	0	0
+	3	0	0
<hr/>			
	6	0	0

Actual sum

	H	T	O
	①		
	2	6	7
+	3	2	4
<hr/>			
	5	9	1

(c) $343 + 575$

$$343 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 300$$

$$575 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 600$$

Estimated sum

H	T	O
3	0	0
<hr/>		
+	6	0
<hr/>		
9	0	0

Actual sum

H	T	O
①		
3	4	3
<hr/>		
+	5	7
<hr/>		
9	1	8

(d) $525 + 268$

$$525 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 500$$

$$268 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 300$$

Estimated sum

H	T	O
5	0	0
<hr/>		
+	3	0
<hr/>		
8	0	0

Actual sum

H	T	O
①		
5	2	5
<hr/>		
+	2	6
<hr/>		
7	9	3

Review Time

- I. 1. (c) 2. (d) 3. (a) 4. (c) 5. (d) 6. (d) 7. (d)
8. (c) 9. (b)
- II. 1. 936 2. 730 3. 160 4. 1000 5. 2345
- III. 1. True 2. False