

**ST. ANDREWS SCOTS SCHOOL**

**Adjacent Navniti Apartments,  
I.P. Extension, Patparganj, Delhi-110092**

**Session: 2026-2027**

**Subject: Mathematics    Class: III    Unit- 3 (Addition of 4-Digit Numbers)**

**Questions to be done:**

**Ex3A-** Q1, 5 Book  
Q2 (a,c,gh) Notebook  
Q3 Notebook  
Q4 (a,d) Notebook

**Ex3B-** Q2, 4, 5 Notebook

**Ex3C-** Q1 Book  
Q2 (b,d) Notebook

**Ex3D-** Q1, 3, 4, 7 Notebook

**Ex3E-** (a, f, g, h) Notebook

**Ex3F-** Q1 (a, c) Notebook  
Q2 (b, d) Notebook

**Review time**

**Worksheet**

**Activity**

### 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

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

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

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

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

### Exercise 3B

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

$$\begin{array}{r}
 \text{2.} \quad \begin{array}{r} \text{Number of items produced on Monday} = 3712 \quad 3712 \\ \text{Number of items produced on Tuesday} = 4135 \quad + 4135 \\ \hline \text{Total items produced in two days} = 7847. \quad \underline{7847} \end{array}
 \end{array}$$

3. Number of packets of flavoured milk = 4325  
 Number of packets of flavoured yoghurt = + 1620  
 Total packets = 5945
4. Number of eggs produced in 1<sup>st</sup> day = 1205  
 Number of eggs produced in 2<sup>nd</sup> day = 1453  
 Number of eggs produced in 3<sup>rd</sup> 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) 

Th	H	T	O
1	1		
2	3	4	5
+ 6	8	7	4
<hr/>			
9	2	1	9
- (b) 

Th	H	T	O
1	1	1	
5	6	3	7
+ 2	4	9	5
<hr/>			
8	1	3	2
- (c) 

Th	H	T	O
1			
3	9	7	5
+ 1	1	1	2
<hr/>			
5	0	8	7
- (d) 

Th	H	T	O
1	1	1	
4	7	6	9
+ 2	5	8	7
<hr/>			
7	3	5	6
- (e) 

Th	H	T	O
	1	1	
6	3	5	7
2	4	5	9
+ 1	2	3	
<hr/>			
8	9	3	9
- (f) 

Th	H	T	O
	1	2	
4	7	8	9
2	1	5	6
+ 3	7		
<hr/>			
6	9	8	2

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

	Th	H	T	O
	①	①		
	1	9	9	0
	2	0	0	0
+	2	0	1	4
<hr/>				
	6	0	0	4

(b)  $3726 + 634 + 135$

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

(c)  $63 + 378 + 5437$

	Th	H	T	O
	①	①		
	5	4	3	7
		3	7	8
+			6	3
<hr/>				
	5	8	7	8

(d)  $8887 + 654 + 19$

	Th	H	T	O
	①	①	②	
	8	8	8	7
		6	5	4
+			1	9
<hr/>				
	9	5	6	0

### Exercise 3D

1. No. of DVDs of Hindi films	=	3	6	7	4	
No. of DVDs of English films	=	+	2	7	4	8
Total no. of DVDs	=	<hr/>				
		6	4	2	2	

2. Rahul travelled a distance from home	=	4	7	8	2	km	
He came back to home covering distance	=	+	4	7	8	2	km
Total distance covered by him	=	<hr/>				km	
		9	5	6	4		

3. No. of apple juice bottles	=	2	6	4	8	
No. of orange juice bottles	=	3	3	1	4	
No. of grapes juice bottles	=	+	1	4	5	2
Total no. of juice bottles	=	<hr/>				
		7	4	1	4	



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

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

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

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

### 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)  $65 + 24$

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

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

Estimated sum

T	O
7	0
+	2
9	0

Actual sum

T	O
6	5
+	2
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	Actual sum								
<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">T O</td></tr> <tr><td style="text-align: center;">5 0</td></tr> <tr><td style="text-align: center;">+ 3 0</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">8 0</td></tr> </table>	T O	5 0	+ 3 0	8 0	<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">T O</td></tr> <tr><td style="text-align: center;">4 6</td></tr> <tr><td style="text-align: center;">+ 3 3</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">7 9</td></tr> </table>	T O	4 6	+ 3 3	7 9
T O									
5 0									
+ 3 0									
8 0									
T O									
4 6									
+ 3 3									
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	Actual sum								
<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">T O</td></tr> <tr><td style="text-align: center;">6 0</td></tr> <tr><td style="text-align: center;">+ 3 0</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">9 0</td></tr> </table>	T O	6 0	+ 3 0	9 0	<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">T O</td></tr> <tr><td style="text-align: center;">5 5</td></tr> <tr><td style="text-align: center;">+ 3 1</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">8 6</td></tr> </table>	T O	5 5	+ 3 1	8 6
T O									
6 0									
+ 3 0									
9 0									
T O									
5 5									
+ 3 1									
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	Actual sum									
<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">T O</td></tr> <tr><td style="text-align: center;">7 0</td></tr> <tr><td style="text-align: center;">+ 2 0</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">9 0</td></tr> </table>	T O	7 0	+ 2 0	9 0	<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">T O</td></tr> <tr><td style="text-align: center;">①</td></tr> <tr><td style="text-align: center;">7 3</td></tr> <tr><td style="text-align: center;">+ 1 8</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">9 1</td></tr> </table>	T O	①	7 3	+ 1 8	9 1
T O										
7 0										
+ 2 0										
9 0										
T O										
①										
7 3										
+ 1 8										
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	Actual sum									
<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">H T O</td></tr> <tr><td style="text-align: center;">1 0 0</td></tr> <tr><td style="text-align: center;">+ 3 0 0</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">4 0 0</td></tr> </table>	H T O	1 0 0	+ 3 0 0	4 0 0	<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">H T O</td></tr> <tr><td style="text-align: center;">①</td></tr> <tr><td style="text-align: center;">1 4 3</td></tr> <tr><td style="text-align: center;">+ 2 6 5</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">4 0 8</td></tr> </table>	H T O	①	1 4 3	+ 2 6 5	4 0 8
H T O										
1 0 0										
+ 3 0 0										
4 0 0										
H T O										
①										
1 4 3										
+ 2 6 5										
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	Actual sum									
<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">H T O</td></tr> <tr><td style="text-align: center;">3 0 0</td></tr> <tr><td style="text-align: center;">+ 3 0 0</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">6 0 0</td></tr> </table>	H T O	3 0 0	+ 3 0 0	6 0 0	<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">H T O</td></tr> <tr><td style="text-align: center;">①</td></tr> <tr><td style="text-align: center;">2 6 7</td></tr> <tr><td style="text-align: center;">+ 3 2 4</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">5 9 1</td></tr> </table>	H T O	①	2 6 7	+ 3 2 4	5 9 1
H T O										
3 0 0										
+ 3 0 0										
6 0 0										
H T O										
①										
2 6 7										
+ 3 2 4										
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	Actual sum									
<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">H T O</td></tr> <tr><td style="text-align: center;">3 0 0</td></tr> <tr><td style="text-align: center;">+ 6 0 0</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">9 0 0</td></tr> </table>	H T O	3 0 0	+ 6 0 0	9 0 0	<table style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">H T O</td></tr> <tr><td style="text-align: center;">①</td></tr> <tr><td style="text-align: center;">3 4 3</td></tr> <tr><td style="text-align: center;">+ 5 7 5</td></tr> <tr style="border-top: 1px solid black;"><td style="text-align: center;">9 1 8</td></tr> </table>	H T O	①	3 4 3	+ 5 7 5	9 1 8
H T O										
3 0 0										
+ 6 0 0										
9 0 0										
H T O										
①										
3 4 3										
+ 5 7 5										
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      Actual sum

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

H	T	O
		①
5	2	5
+	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