

Vidyalaya's



Intellectual Mathematics

Teacher's Manual

Class I

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Unit 1 : Revision

Page 22 : Before, After and In Between

Just Before	In Between	Just After
5, 6	1, 2, 3	3, 4
3, 4	3, 4, 5	6, 7
1, 2	5, 6, 7	8, 9
4, 5	6, 7, 8	7, 8
2, 3	4, 5, 6	4, 5
8, 9	2, 3, 4	5, 6

Page 24 : Fill in the boxes >, < or =

$2 > 1$	$5 > 3$	$6 = 6$
$8 < 9$	$7 = 7$	$4 < 6$
$9 > 8$	$9 > 6$	$7 > 3$

Circle the smallest numeral :

6	5	4
3	1	2

Circle the greatest numeral :

6	7	9
8	4	5
9	8	9

Circle the numeral equal to the number name :

Six	6
Nine	9
Eight	8
Five	5

Page 26 : Days of the week

There are **7** days in a week.

Sunday is the **first** day of the week.

Monday is the second day of the week.

Tuesday is the **third** day of the week.

Wednesday is the **fourth** day of the week.

Thursday is the **fifth** day of the week.

Page 27 : Addition

4 Rabbits and 2 Rabbits is equal to 6 Rabbits.

5 Flowers and 2 Flower is equal to 7 Flowers.

3 Frogs and 3 Frogs is equal to 6 Frogs.

Page 28 : Add across by drawing lines

$3 + 3 = 6$

$4 + 5 = 9$

$5 + 4 = 9$

$3 + 2 = 5$

$2 + 4 = 6$

$4 + 4 = 8$

$5 + 2 = 7$

$8 + 1 = 9$

$6 + 2 = 8$

$4 + 4 = 8$

$3 + 6 = 9$

$9 + 0 = 9$

Page 29 Subtraction

3 Cows – 1 Cow = 2 Cows

4 Pencils – 2 Pencils = 2 Pencils

5 Mangoes – 2 Mangoes = 3 Mangoes

Page 30 Subtract across by cancelling lines

$7 - 4 = 3$

$8 - 3 = 5$

$9 - 2 = 7$

$4 - 4 = 0$

$6 - 4 = 2$

$9 - 4 = 5$

$8 - 5 = 3$

$7 - 3 = 4$

$7 - 1 = 6$

$7 - 5 = 2$

$5 - 2 = 3$

$8 - 2 = 6$

Page 31 Number Stories on Addition

1. $4 + 3 = 7$

2. $5 + 4 = 9$

3. $6 + 2 = 8$

4. $3 + 3 = 6$

5. $4 + 1 = 5$

Page 31 Number Stories on Subtraction

1. $6 - 4 = 2$

2. $8 - 3 = 5$

3. $8 - 6 = 2$

4. $5 - 2 = 3$

5. $9 - 7 = 2$

Page 32 Exercise

Mental Maths

1. $>$

2. 5

3. 8

4. 8

5. 7

6. 7

Multiple Choice Question

1. (i) $3 + 3 + 3$
2. (i)
3. (iii)
4. (iii)
5. Ankit

Unit 2 : More About Numbers

Page 41 Write the numerals

<i>Just Before</i>	<i>In Between</i>	<i>Just After</i>
4	6	5
13	10	8
15	15	11
17	16	14
18	18	17
16	19	20
12	12	19
8	9	13
5	11	4

Page 42 Addition on numbers 10 to 20

$7 + 5 = 12$	$8 + 7 = 15$
$5 + 8 = 13$	$6 + 7 = 13$
$8 + 8 = 16$	$9 + 9 = 18$
$7 + 9 = 16$	$6 + 5 = 11$
$5 + 9 = 14$	$6 + 8 = 14$

Page 43 Add by drawing lines

Across

- $5 + 2 + 7 = 14$
 $4 + 6 + 2 = 12$
 $4 + 4 + 4 = 12$
 $5 + 6 + 7 = 18$
 $9 + 3 + 4 = 16$
 $5 + 5 + 8 = 18$

$$7 + 8 + 5 = 20$$

$$4 + 2 + 8 = 14$$

$$7 + 6 + 7 = 20$$

Down

$$5 + 6 + 6 = 17$$

$$6 + 5 + 4 = 15$$

$$5 + 5 + 7 = 17$$

$$4 + 4 + 9 = 17$$

$$3 + 5 + 8 = 16$$

$$9 + 5 + 4 = 18$$

$$5 + 2 + 8 = 15$$

$$3 + 5 + 7 = 15$$

Page 44 Observe the above pattern and find out :

$$12 + 5 = 17$$

$$16 + 4 = 20$$

$$11 + 8 = 19$$

$$10 + 7 = 17$$

$$9 + 9 = 18$$

$$8 + 5 = 13$$

$$15 + 3 = 18$$

$$12 + 7 = 19$$

$$10 + 4 = 14$$

$$12 + 6 = 18$$

$$11 + 4 = 15$$

$$14 + 3 = 17$$

Page 45 Observe the above pattern and find out :

$$20 - 4 = 16$$

$$20 - 8 = 12$$

$$19 - 3 = 16$$

$$19 - 6 = 13$$

$$18 - 2 = 16$$

$$18 - 8 = 10$$

$$17 - 6 = 11$$

$$17 - 8 = 9$$

$$16 - 1 = 15$$

$$16 - 8 = 8$$

$$15 - 9 = 9$$

$$15 - 6 = 9$$

Page 49 Count in forward order and fill in the blanks

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 30

31 32 33 34 35 36 37 38 39 40

41 42 43 44 45 46 47 48 49 50

51 52 53 54 55 56 57 58 59 60

61 62 63 64 65 66 67 68 69 70

71 72 73 74 75 76 77 78 79 80

81 82 83 84 85 86 87 88 89 90

91 92 93 94 95 96 97 98 99 100

Page 50 Count in backward order and fill in the blanks :

100	99	98	97	96	95	94	93	92	91
90	89	88	87	86	85	84	83	82	81
80	79	78	77	77	75	74	73	72	71
70	69	68	67	66	65	64	63	62	61
60	59	58	57	56	55	54	53	52	51
50	49	48	47	46	45	44	43	42	41
40	39	38	37	36	35	34	33	32	31
30	29	28	27	26	25	24	23	22	21
20	19	18	17	16	15	14	13	12	11
10	9	8	7	6	5	4	3	2	1

Page 51 Write the numerals :

<i>Just Before</i>	<i>In Between</i>	<i>Just After</i>
27	26	28
37	65	37
46	78	50
35	39	51
74	89	64
53	41	99
59	73	21
77	79	86
91	91	67

Page 52 Circle the smallest numeral

37	25
23	13
33	20

Circle the greatest numeral

62	48
60	67
55	31

Fill in the boxes with $>$, $<$ or $=$ signs :

$38 < 39$	$63 > 36$	$53 > 35$
$88 = 88$	$48 > 43$	$27 < 72$

Page 52 Write the number names :

34	Thirty four	77	Seventy seven
49	Forty Nine	60	Sixty
56	Fifty six	88	Eighty eight

Arrange the numerals in order :

The smallest first : 35 45 53 54
The greatest first : 76 67 65 56

Page 53 Sort out tens and ones

25 = 2 Tens + 5 Ones	Twenty five
37 = 3 Tens + 7 Ones	Thirty seven
43 = 4 Tens + 3 Ones	Forty three
58 = 5 Tens + 8 Ones	Fifty eight
64 = 6 Tens + 4 Ones	Sixty four
72 = 7 Tens + 2 Ones	Seventy two
81 = 8 Tens + 1 Ones	Eighty one
90 = 9 Tens + 0 Ones	Ninety
56 = 5 Tens + 6 Ones	Fifty six
47 = 4 Tens + 7 Ones	Forty seven
66 = 6 Tens + 6 Ones	Sixty Six
54 = 5 Tens + 4 Ones	Fifty four
55 = 5 Tens + 5 Ones	Fifty five
70 = 7 Tens + 0 Ones	Seventy
76 = 7 Tens + 6 Ones	Seventy six
84 = 8 Tens + 4 Ones	Eighty four
93 = 9 Tens + 3 Ones	Ninety three
96 = 9 Tens + 6 Ones	Ninety six
69 = 6 Tens + 9 Ones	Sixty nine
22 = 2 Tens + 2 Ones	Twenty two

Unit 3 : Addition And Subtraction

Page 54 Add Down

10 + 20 = 30	20 + 30 = 50
30 + 50 = 80	40 + 10 = 50

$30 + 40 = 70$

$40 + 40 = 80$

$30 + 10 = 40$

$10 + 10 = 20$

Page 56 Add down

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
3	5	3	1	1	7	2	2
+ 3	3	+ 3	5	+ 7	2	+ 4	3
<u>6</u>	<u>8</u>	<u>6</u>	<u>6</u>	<u>8</u>	<u>9</u>	<u>6</u>	<u>5</u>

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
4	4	3	5	7	4	5	2
+ 5	1	+ 6	3	+ 2	4	+ 2	5
<u>9</u>	<u>5</u>	<u>9</u>	<u>8</u>	<u>9</u>	<u>8</u>	<u>7</u>	<u>7</u>

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
6	0	3	3	3	6	7	5
+ 3	8	+ 3	3	+ 2	0	+ 2	3
<u>9</u>	<u>8</u>	<u>6</u>	<u>6</u>	<u>5</u>	<u>6</u>	<u>9</u>	<u>8</u>

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
3	5	6	2	2	6	5	1
+ 2	2	+ 3	4	+ 5	3	+ 2	7
<u>5</u>	<u>7</u>	<u>9</u>	<u>6</u>	<u>7</u>	<u>9</u>	<u>7</u>	<u>8</u>

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
1	6	6	0	5	0	1	2
+ 6	1	+ 2	3	+ 4	2	+ 1	3
<u>7</u>	<u>7</u>	<u>8</u>	<u>3</u>	<u>9</u>	<u>2</u>	<u>2</u>	<u>5</u>

Page 57 Add down

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
7	3	3	7	3	3	3	4
+ 2	4	+ 5	2	+ 4	4	+ 4	3
<u>9</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>

Tens Ones	Tens Ones	Tens Ones	Tens Ones
6 4	3 5	7 4	4 2
+ 2 3	+ 6 3	+ 2 4	+ 1 4
<u>8 7</u>	<u>9 8</u>	<u>9 8</u>	<u>5 6</u>

Tens Ones	Tens Ones	Tens Ones	Tens Ones
1 0	1 8	5 1	4 5
+ 7 9	+ 4 1	+ 3 0	+ 3 3
<u>8 9</u>	<u>5 9</u>	<u>8 1</u>	<u>7 8</u>

Tens Ones	Tens Ones	Tens Ones	Tens Ones
5 4	1 8	2 6	5 0
+ 3 0	+ 4 1	+ 7 0	+ 3 6
<u>8 4</u>	<u>5 9</u>	<u>9 6</u>	<u>8 6</u>

Tens Ones	Tens Ones	Tens Ones	Tens Ones
2 4	6 0	4 4	2 6
+ 6 5	+ 2 6	+ 5 3	+ 6 2
<u>8 9</u>	<u>8 6</u>	<u>9 7</u>	<u>8 8</u>

Page 58 Add down

Tens Ones	Tens Ones	Tens Ones	Tens Ones
1 2	4 2	2 5	2 2
+ 4 1	+ 1 4	+ 6 1	+ 6 0
+ 3 3	+ 2 3	+ 1 3	+ 1 1
<u>8 6</u>	<u>7 9</u>	<u>9 9</u>	<u>9 3</u>

Tens Ones	Tens Ones	Tens Ones	Tens Ones
4 1	5 4	3 3	6 0
+ 1 3	+ 1 0	+ 1 1	+ 1 0
+ 1 2	+ 2 1	+ 2 2	+ 2 4
<u>6 6</u>	<u>8 5</u>	<u>6 6</u>	<u>9 4</u>

Page 59 Add down

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
3	0	2	2	2	6	2	5
+ 2	3	+ 3	3	+ 3	2	+ 4	1
+ 4	2	+ 3	0	+ 2	0	+ 1	1
<hr/>		<hr/>		<hr/>		<hr/>	
9	5	8	5	7	8	7	7

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
2	2	3	0	1	5	4	1
+ 3	3	+ 1	0	+ 3	0	+ 1	2
+ 4	4	+ 4	0	+ 3	4	+ 2	2
<hr/>		<hr/>		<hr/>		<hr/>	
9	9	8	0	7	9	7	5

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
1	5	4	2	2	4	1	4
+ 2	3	+ 2	5	+ 3	3	+ 5	1
+ 5	0	+ 3	2	+ 2	2	+ 1	2
<hr/>		<hr/>		<hr/>		<hr/>	
8	8	9	9	7	9	7	7

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
0	4	1	8	6	0	4	2
+ 1	3	+ 1	1	+ 2	6	+ 1	0
+ 2	2	+ 4	0	+ 0	3	+ 3	3
<hr/>		<hr/>		<hr/>		<hr/>	
3	9	6	9	8	9	8	5

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
2	5	6	4	5	0	4	2
+ 3	0	+ 2	2	+ 1	0	+ 1	2
+ 4	0	+ 1	1	+ 0	9	+ 1	4
<hr/>		<hr/>		<hr/>		<hr/>	
9	5	9	7	6	9	6	8

Page 60 Add the following horizontally

23 + 34 = 57

62 + 26 = 88

43 + 26 = 69

43 + 55 = 98

54 + 23 = 77

24 + 65 = 89

$56 + 23 = 79$

$40 + 35 = 75$

$66 + 13 = 79$

$64 + 32 = 96$

$28 + 41 = 69$

$60 + 27 = 87$

$17 + 71 = 88$

$12 + 84 = 96$

Page 61 **Number Stories on Addition**

1. $26 + 32 = 58$

2. $32 + 47 = 79$

3. $12 + 06 = 18$

4. $24 + 22 = 46$

5. $36 + 53 = 89$

Page 63 **Add down**

Tens	Ones
①	
5	6
+ 1	9
<hr/>	
7	5

Tens	Ones
①	
6	5
+ 1	7
<hr/>	
8	2

Tens	Ones
①	
4	9
+ 4	2
<hr/>	
9	1

Tens	Ones
①	
6	7
+ 2	5
<hr/>	
9	2

Tens	Ones
①	
4	8
+ 4	2
<hr/>	
9	0

Tens	Ones
①	
4	8
+ 2	6
<hr/>	
7	4

Tens	Ones
①	
2	6
+ 5	6
<hr/>	
8	2

Tens	Ones
①	
3	6
+ 3	9
<hr/>	
7	5

Tens	Ones
①	
6	7
+ 2	7
<hr/>	
9	4

Tens	Ones
①	
7	6
+ 1	8
<hr/>	
9	4

Tens	Ones
①	
7	3
+ 1	9
<hr/>	
9	2

Tens	Ones
①	
2	7
+ 5	3
<hr/>	
8	0

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 2 \quad 3 \\
 + 4 \quad 8 \\
 \hline
 7 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 6 \quad 8 \\
 + 2 \quad 9 \\
 \hline
 9 \quad 7
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 3 \quad 6 \\
 + 3 \quad 8 \\
 \hline
 7 \quad 4
 \end{array}$$

Page 64 Find the sum :

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 6 \quad 9 \\
 + 2 \quad 9 \\
 \hline
 9 \quad 8
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 3 \quad 7 \\
 + 3 \quad 7 \\
 \hline
 7 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 7 \quad 5 \\
 + 1 \quad 7 \\
 \hline
 9 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 5 \quad 1 \\
 + 3 \quad 9 \\
 \hline
 9 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 2 \quad 5 \\
 + 4 \quad 5 \\
 \hline
 7 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 6 \quad 5 \\
 + 1 \quad 8 \\
 \hline
 8 \quad 3
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 7 \quad 3 \\
 + 1 \quad 8 \\
 \hline
 9 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 4 \quad 4 \\
 + 3 \quad 8 \\
 \hline
 8 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 4 \quad 9 \\
 + 4 \quad 8 \\
 \hline
 9 \quad 7
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 2 \quad 4 \\
 + 5 \quad 6 \\
 \hline
 8 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 6 \quad 5 \\
 + 1 \quad 9 \\
 \hline
 8 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 3 \quad 1 \\
 + 5 \quad 9 \\
 \hline
 9 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 5 \quad 4 \\
 + 3 \quad 8 \\
 \hline
 9 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 4 \quad 3 \\
 + 2 \quad 9 \\
 \hline
 7 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \\
 2 \quad 6 \\
 + 1 \quad 8 \\
 \hline
 4 \quad 4
 \end{array}$$

Page 65 Find the sum :

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 4 \quad 3 \\ + 4 \quad 7 \\ \hline 9 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 3 \quad 4 \\ + 4 \quad 7 \\ \hline 8 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 6 \quad 9 \\ + 2 \quad 8 \\ \hline 9 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 4 \quad 6 \\ + 3 \quad 5 \\ \hline 8 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 5 \quad 8 \\ + 3 \quad 2 \\ \hline 9 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 6 \quad 9 \\ + 1 \quad 7 \\ \hline 8 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 3 \quad 8 \\ + 1 \quad 6 \\ \hline 5 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 4 \quad 7 \\ + 3 \quad 4 \\ \hline 8 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 9 \\ + 2 \quad 7 \\ \hline 5 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 5 \quad 9 \\ + 3 \quad 2 \\ \hline 9 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 6 \quad 6 \\ + 2 \quad 6 \\ \hline 9 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 4 \quad 8 \\ + 3 \quad 5 \\ \hline 8 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 5 \quad 6 \\ + 2 \quad 5 \\ \hline 8 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 6 \quad 5 \\ + 2 \quad 7 \\ \hline 9 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 5 \quad 9 \\ + 3 \quad 3 \\ \hline 9 \quad 2 \end{array}$$

Page 66 Find the sum :

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 1 \quad 3 \\ + 3 \quad 5 \\ + 4 \quad 7 \\ \hline 9 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 1 \quad 4 \\ + 3 \quad 2 \\ + 2 \quad 7 \\ \hline 7 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 6 \\ + 2 \quad 2 \\ + 3 \quad 7 \\ \hline 8 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 8 \\ + 2 \quad 4 \\ + 3 \quad 5 \\ \hline 8 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 3 \quad 5 \\ + 1 \quad 7 \\ + 4 \quad 3 \\ \hline 9 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 5 \\ + 2 \quad 6 \\ + 4 \quad 7 \\ \hline 9 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 3 \\ + 1 \quad 7 \\ + 3 \quad 4 \\ \hline 7 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 5 \quad 6 \\ + 2 \quad 6 \\ + 0 \quad 6 \\ \hline 8 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 1 \quad 6 \\ + 1 \quad 5 \\ + 2 \quad 7 \\ \hline 5 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 1 \quad 7 \\ + 2 \quad 5 \\ + 2 \quad 6 \\ \hline 6 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 3 \quad 3 \\ + 2 \quad 2 \\ + 3 \quad 8 \\ \hline 9 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 5 \quad 6 \\ + 1 \quad 8 \\ + 1 \quad 3 \\ \hline 8 \quad 7 \end{array}$$

Page 67 More number stories on Addition

1.
$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 8 \\ + 2 \quad 6 \\ \hline 5 \quad 4 \end{array}$$

2.
$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 3 \quad 2 \\ + \quad 9 \\ \hline 4 \quad 1 \end{array}$$

3.
$$\begin{array}{r} \text{Tens Ones} \\ \textcircled{1} \\ 2 \quad 7 \\ + 1 \quad 8 \\ + 2 \quad 0 \\ \hline 6 \quad 5 \end{array}$$

$$\begin{array}{r}
 \text{4. Tens Ones} \\
 \text{\textcircled{1}} \\
 4 \quad 8 \\
 + 3 \quad 6 \\
 \hline
 8 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{5. Tens Ones} \\
 \text{\textcircled{1}} \\
 1 \quad 8 \\
 + 6 \quad 0 \\
 + 1 \quad 6 \\
 \hline
 9 \quad 4
 \end{array}$$

Page 68 Subtract down

$$\begin{array}{r}
 8 \quad 0 \\
 - 2 \quad 0 \\
 \hline
 6 \quad 0
 \end{array}$$

$$\begin{array}{r}
 7 \quad 0 \\
 - 3 \quad 0 \\
 \hline
 4 \quad 0
 \end{array}$$

$$\begin{array}{r}
 9 \quad 0 \\
 - 5 \quad 0 \\
 \hline
 4 \quad 0
 \end{array}$$

$$\begin{array}{r}
 8 \quad 0 \\
 - 4 \quad 0 \\
 \hline
 4 \quad 0
 \end{array}$$

$$\begin{array}{r}
 7 \quad 0 \\
 - 5 \quad 0 \\
 \hline
 2 \quad 0
 \end{array}$$

$$\begin{array}{r}
 9 \quad 0 \\
 - 7 \quad 0 \\
 \hline
 2 \quad 0
 \end{array}$$

$$\begin{array}{r}
 8 \quad 0 \\
 - 6 \quad 0 \\
 \hline
 2 \quad 0
 \end{array}$$

$$\begin{array}{r}
 7 \quad 0 \\
 - 1 \quad 0 \\
 \hline
 6 \quad 0
 \end{array}$$

$$\begin{array}{r}
 6 \quad 0 \\
 - 3 \quad 0 \\
 \hline
 3 \quad 0
 \end{array}$$

Page 70 Subtract (Use the short form)

$$\begin{array}{r}
 \text{Tens Ones} \\
 9 \quad 6 \\
 - 4 \quad 4 \\
 \hline
 5 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 4 \quad 8 \\
 - 1 \quad 2 \\
 \hline
 3 \quad 6
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 6 \quad 8 \\
 - 3 \quad 5 \\
 \hline
 3 \quad 3
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 7 \quad 4 \\
 - 2 \quad 3 \\
 \hline
 5 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 6 \quad 5 \\
 - 4 \quad 1 \\
 \hline
 2 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 5 \quad 8 \\
 - 3 \quad 8 \\
 \hline
 2 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 4 \quad 5 \\
 - 1 \quad 3 \\
 \hline
 3 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 5 \quad 5 \\
 - 1 \quad 4 \\
 \hline
 4 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \text{Tens Ones} \\
 7 \quad 6 \\
 - 2 \quad 5 \\
 \hline
 5 \quad 1
 \end{array}$$

Page 70 Subtract (Use the short form)

$$\begin{array}{r} \text{Tens Ones} \\ 3 \quad 7 \\ - 2 \quad 2 \\ \hline 1 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 7 \\ - 4 \quad 7 \\ \hline 4 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 9 \\ - 4 \quad 0 \\ \hline 2 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 8 \\ - 1 \quad 4 \\ \hline 4 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 5 \\ - 2 \quad 3 \\ \hline 4 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 2 \quad 4 \\ - 1 \quad 3 \\ \hline 1 \quad 1 \end{array}$$

Page 71 Subtract (Use the short form)

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 4 \quad 7 \\ \hline 4 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 4 \quad 9 \\ \hline 4 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 5 \\ - 4 \quad 1 \\ \hline 1 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 6 \\ - 2 \quad 5 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 7 \\ - 1 \quad 3 \\ \hline 7 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 3 \\ - 5 \quad 1 \\ \hline 4 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 9 \\ - 2 \quad 6 \\ \hline 5 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 9 \\ - 6 \quad 6 \\ \hline 3 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 3 \quad 6 \\ - 1 \quad 1 \\ \hline 2 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 5 \quad 3 \\ \hline 3 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 0 \quad 6 \\ \hline 8 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 4 \quad 2 \\ \hline 4 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 9 \\ - 3 \quad 0 \\ \hline 2 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 7 \\ - 6 \quad 2 \\ \hline 3 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 7 \\ - 2 \quad 7 \\ \hline 2 \quad 0 \end{array}$$

Page 72 Subtract (Use the short form)

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 6 \\ - 3 \quad 0 \\ \hline 2 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 6 \\ - 2 \quad 3 \\ \hline 4 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 5 \\ - 4 \quad 5 \\ \hline 5 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 2 \\ - 6 \quad 1 \\ \hline 3 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 6 \quad 1 \\ \hline 2 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 8 \\ - 1 \quad 2 \\ \hline 4 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 5 \\ - 3 \quad 4 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 6 \\ - 3 \quad 2 \\ \hline 6 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 6 \\ - 3 \quad 4 \\ \hline 3 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 5 \\ - 4 \quad 2 \\ \hline 5 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 8 \\ - 2 \quad 4 \\ \hline 5 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 8 \\ - 1 \quad 7 \\ \hline 7 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 3 \\ - 5 \quad 1 \\ \hline 2 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 9 \\ - 3 \quad 6 \\ \hline 6 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 6 \\ - 4 \quad 3 \\ \hline 4 \quad 3 \end{array}$$

Page 73 Number Stories on Subtraction

1. $88 - 45 = 43$
2. $72 - 20 = 52$
3. $45 - 25 = 20$
4. $54 - 12 = 42$
5. $84 - 50 = 34$

Page 74 Subtract down

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{13} \\ \cancel{8} \quad 3 \\ - 7 \quad 6 \\ \hline 1 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{1} \quad \textcircled{15} \\ \cancel{1} \quad 5 \\ - 0 \quad 8 \\ \hline 1 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{5} \quad \textcircled{13} \\ \cancel{5} \quad 3 \\ - 3 \quad 6 \\ \hline 2 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{3} \quad \textcircled{10} \\ \cancel{3} \quad 0 \\ - 1 \quad 8 \\ \hline 1 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{4} \quad \textcircled{17} \\ \cancel{4} \quad 7 \\ - 4 \quad 9 \\ \hline 0 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{5} \quad \textcircled{14} \\ \cancel{5} \quad 4 \\ - 3 \quad 8 \\ \hline 2 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{4} \quad \textcircled{11} \\ \cancel{4} \quad 1 \\ - 3 \quad 5 \\ \hline 1 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{15} \\ \cancel{6} \quad 5 \\ - 0 \quad 9 \\ \hline 6 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{3} \quad \textcircled{14} \\ \cancel{3} \quad 4 \\ - 2 \quad 5 \\ \hline 1 \quad 9 \end{array}$$

Page 75 Subtract down

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{5} \quad \textcircled{11} \\ \cancel{5} \quad 1 \\ - 2 \quad 9 \\ \hline 3 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{1} \quad \textcircled{14} \\ \cancel{1} \quad 4 \\ - 2 \quad 7 \\ \hline 3 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{5} \quad \textcircled{12} \\ \cancel{5} \quad 2 \\ - 3 \quad 3 \\ \hline 2 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{13} \\ \cancel{8} \quad 3 \\ - 7 \quad 6 \\ \hline 1 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{7} \quad \textcircled{12} \\ \cancel{7} \quad 2 \\ - 4 \quad 6 \\ \hline 3 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{10} \\ \cancel{6} \quad 0 \\ - 4 \quad 3 \\ \hline 2 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{12} \\ \cancel{9} \quad 2 \\ - 2 \quad 9 \\ \hline 6 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{17} \\ \cancel{7} \quad 7 \\ - 4 \quad 8 \\ \hline 2 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{15} \\ \cancel{9} \quad 5 \\ - 6 \quad 6 \\ \hline 2 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{3} \quad \textcircled{16} \\ \cancel{4} \quad 6 \\ - 2 \quad 8 \\ \hline 1 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{4} \quad \textcircled{12} \\ \cancel{5} \quad 2 \\ - 3 \quad 4 \\ \hline 1 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{4} \quad \textcircled{12} \\ \cancel{5} \quad 2 \\ - 1 \quad 5 \\ \hline 3 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{12} \\ \cancel{9} \quad 2 \\ - 5 \quad 6 \\ \hline 3 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{7} \quad \textcircled{13} \\ \cancel{8} \quad 3 \\ - 6 \quad 5 \\ \hline 1 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{2} \quad \textcircled{14} \\ \cancel{3} \quad 4 \\ - 1 \quad 8 \\ \hline 1 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{11} \\ \cancel{9} \quad 1 \\ - 3 \quad 9 \\ \hline 5 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{7} \quad \textcircled{14} \\ \cancel{8} \quad 4 \\ - 4 \quad 8 \\ \hline 3 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{8} \quad \textcircled{11} \\ \cancel{9} \quad 1 \\ - 7 \quad 2 \\ \hline 1 \quad 9 \end{array}$$

Page 76 Find the difference (Use the short form)

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{10} \\ \cancel{7} \quad 0 \\ - 4 \quad 3 \\ \hline 2 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{16} \\ \cancel{7} \quad 6 \\ - 5 \quad 9 \\ \hline 1 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{10} \\ \cancel{7} \quad 0 \\ - 5 \quad 5 \\ \hline 1 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{7} \quad \textcircled{11} \\ \cancel{8} \quad 1 \\ - 5 \quad 8 \\ \hline 2 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{6} \quad \textcircled{14} \\ \cancel{7} \quad 4 \\ - 0 \quad 7 \\ \hline 6 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ \textcircled{5} \quad \textcircled{18} \\ \cancel{6} \quad 8 \\ - 0 \quad 9 \\ \hline 5 \quad 9 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{8} \quad \textcircled{10} \\
 \cancel{9} \quad 0 \\
 - 5 \quad 6 \\
 \hline
 3 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{4} \quad \textcircled{10} \\
 \cancel{5} \quad 0 \\
 - 3 \quad 8 \\
 \hline
 1 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{7} \quad \textcircled{17} \\
 \cancel{8} \quad 7 \\
 - 4 \quad 9 \\
 \hline
 3 \quad 8
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{5} \quad \textcircled{15} \\
 \cancel{6} \quad 5 \\
 - 3 \quad 8 \\
 \hline
 2 \quad 7
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{8} \quad \textcircled{10} \\
 \cancel{9} \quad 0 \\
 - 4 \quad 5 \\
 \hline
 4 \quad 5
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{8} \quad \textcircled{15} \\
 \cancel{9} \quad 5 \\
 - 3 \quad 8 \\
 \hline
 5 \quad 7
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{6} \quad \textcircled{15} \\
 \cancel{7} \quad 5 \\
 - 2 \quad 8 \\
 \hline
 4 \quad 7
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{8} \quad \textcircled{12} \\
 \cancel{9} \quad 2 \\
 - 7 \quad 7 \\
 \hline
 1 \quad 5
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{7} \quad \textcircled{18} \\
 \cancel{8} \quad 8 \\
 - 2 \quad 9 \\
 \hline
 5 \quad 9
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{7} \quad \textcircled{13} \\
 \cancel{8} \quad 3 \\
 - 0 \quad 9 \\
 \hline
 7 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{8} \quad \textcircled{18} \\
 \cancel{9} \quad 8 \\
 - 8 \quad 9 \\
 \hline
 0 \quad 9
 \end{array}$$

$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{8} \quad \textcircled{17} \\
 \cancel{9} \quad 7 \\
 - 7 \quad 9 \\
 \hline
 1 \quad 8
 \end{array}$$

Page 77 **Some more number stories on Subtraction**

1.
$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{3} \quad \textcircled{12} \\
 \cancel{4} \quad 2 \\
 - 1 \quad 6 \\
 \hline
 2 \quad 6
 \end{array}$$

2.
$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{6} \quad \textcircled{15} \\
 \cancel{7} \quad 8 \\
 - 1 \quad 8 \\
 \hline
 5 \quad 7
 \end{array}$$

3.
$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{1} \quad \textcircled{14} \\
 \cancel{2} \quad 4 \\
 - 0 \quad 8 \\
 \hline
 1 \quad 6
 \end{array}$$

4.
$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{6} \quad \textcircled{12} \\
 \cancel{7} \quad 2 \\
 - 3 \quad 5 \\
 \hline
 3 \quad 7
 \end{array}$$

5.
$$\begin{array}{r}
 \text{Tens} \quad \text{Ones} \\
 \textcircled{4} \quad \textcircled{10} \\
 \cancel{5} \quad 0 \\
 - 2 \quad 5 \\
 \hline
 2 \quad 5
 \end{array}$$

- | | | |
|-----|-----------------|-----------------|
| 17. | 2 Tens + 5 Ones | 6 Tens + 6 Ones |
| | 5 Tens + 8 Ones | 7 Tens + 2 Ones |
| 18. | $56 + 33 = 89$ | $48 + 31 = 79$ |
| | $74 + 20 = 94$ | |
| 19. | $39 - 25 = 14$ | $54 - 22 = 32$ |
| | $77 - 36 = 41$ | |
| 20. | $25 + 18 = 43$ | |
| 21. | $48 - 20 = 28$ | |

Unit 4 : Skip Counting, Multiplication And Division

Page 85 *Observe and understand the above pattern and write the skip counting 2's in the blanks :*

0 2 4 6 8 10 12 14 16 18
 20 22 24 26 28 30 32 34 36 38

Count by 3's :

3 6 9 12 15 18

Count by 4's :

0 4 8 12 16 20

Count by 5's :

1 6 11 16

Count by 10's :

0 10 20

Page 87 10 groups of 5 grapes = 50
 $10 + 10 + 10 + 10 + 10 = 50$
 $5 \times 10 = 50$
 5 times 10 is equal to 50
 or
 Five 10's are 50

7 groups of 3 candles = 21

$$7 + 7 + 7 = 21$$

$$3 \times 7 = 21$$

3 times 7 is equal to 21

Three 7's are 21.

Page 88 4 groups of 3 cherries

$$4 \times 3 = 12$$

8 groups of 2 socks

$$8 \times 2 = 16$$

6 groups of 6 leaves

$$6 \times 6 = 36$$

3 groups of 2 candles

$$3 \times 2 = 6$$

4 groups of 7 flowers

$$4 \times 7 = 28$$

Page 91 **Fill in the blanks :**

$$2 \times 6 = 12$$

$$5 \times 4 = 20$$

$$8 \times 5 = 40$$

$$2 \times 8 = 16$$

$$5 \times 9 = 45$$

$$8 \times 6 = 48$$

$$2 \times 7 = 14$$

$$5 \times 2 = 10$$

$$8 \times 2 = 16$$

$$2 \times 10 = 20$$

$$5 \times 8 = 40$$

$$8 \times 8 = 64$$

$$2 \times 4 = 8$$

$$5 \times 7 = 35$$

$$8 \times 9 = 72$$

$$2 \times 0 = 0$$

$$6 \times 4 = 24$$

$$9 \times 3 = 27$$

$$3 \times 3 = 9$$

$$6 \times 6 = 36$$

$$9 \times 2 = 18$$

$$3 \times 6 = 18$$

$$6 \times 8 = 48$$

$$9 \times 6 = 54$$

$$3 \times 9 = 27$$

$$6 \times 9 = 54$$

$$10 \times 2 = 20$$

$$3 \times 1 = 3$$

$$6 \times 10 = 60$$

$$10 \times 6 = 60$$

$$3 \times 7 = 21$$

$$7 \times 5 = 35$$

$$10 \times 7 = 70$$

$$4 \times 4 = 16$$

$$7 \times 8 = 56$$

$$10 \times 9 = 90$$

$$4 \times 7 = 28$$

$$7 \times 6 = 42$$

$$10 \times 0 = 0$$

$4 \times 8 = 32$

$7 \times 0 = 0$

$10 \times 8 = 80$

$4 \times 2 = 8$

$7 \times 2 = 14$

$10 \times 1 = 10$

Page 92 Number stories on multiplication

1. 5 groups of 4 wheels

$5 \times 4 = 20$

2. 6 groups of 8 flowers

$6 \times 8 = 48$

3. 5 groups of 2 birds

$5 \times 2 = 10$

4. 8 groups of 8 wheels

$8 \times 8 = 64$

5. 5 groups of 2 flowers

$5 \times 2 = 10$

Page 93 Multiply

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 1 \quad 2 \\ \times \quad 3 \\ \hline 3 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 1 \\ \times \quad 3 \\ \hline 9 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 4 \\ \times \quad 2 \\ \hline 6 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 0 \\ \times \quad 5 \\ \hline 10 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 3 \\ \times \quad 3 \\ \hline 6 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 1 \quad 0 \\ \times \quad 7 \\ \hline 7 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 1 \\ \times \quad 3 \\ \hline 6 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 1 \quad 4 \\ \times \quad 2 \\ \hline 2 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 3 \\ \times \quad 3 \\ \hline 9 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 1 \quad 1 \\ \times \quad 8 \\ \hline 8 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 2 \\ \times \quad 4 \\ \hline 8 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 4 \\ \times \quad 2 \\ \hline 4 \quad 8 \end{array}$$

Page 95 Now Divide :

$$\begin{array}{r} 2 \overline{)8} (4 \\ -8 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)12} (4 \\ -12 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)16} (4 \\ -16 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)18} (6 \\ -18 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)24} (6 \\ -24 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)32} (8 \\ -32 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)24} (8 \\ -24 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)36} (9 \\ -36 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)27} (9 \\ -27 \\ \hline \times \end{array}$$

Page 96 Now Divide :

$$\begin{array}{r} 2 \overline{)6} (3 \\ -6 \\ \hline \times \end{array}$$

$$\begin{array}{r} 2 \overline{)10} (5 \\ -10 \\ \hline \times \end{array}$$

$$\begin{array}{r} 2 \overline{)14} (7 \\ -14 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)9} (3 \\ -9 \\ \hline \times \end{array}$$

$$\begin{array}{r} 5 \overline{)10} (2 \\ -10 \\ \hline \times \end{array}$$

$$\begin{array}{r} 6 \overline{)42} (7 \\ -42 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)15} (5 \\ -15 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)24} (6 \\ -24 \\ \hline \times \end{array}$$

$$\begin{array}{r} 6 \overline{)30} (5 \\ -30 \\ \hline \times \end{array}$$

$$\begin{array}{r} 3 \overline{)21} (7 \\ -21 \\ \hline \times \end{array}$$

$$\begin{array}{r} 5 \overline{)15} (3 \\ -15 \\ \hline \times \end{array}$$

$$\begin{array}{r} 7 \overline{)21} (3 \\ -21 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)12} (3 \\ -12 \\ \hline \times \end{array}$$

$$\begin{array}{r} 5 \overline{)35} (7 \\ -35 \\ \hline \times \end{array}$$

$$\begin{array}{r} 7 \overline{)35} (5 \\ -35 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)20} \langle 5 \\ -20 \\ \hline \times \end{array}$$

$$\begin{array}{r} 5 \overline{)45} \langle 9 \\ -45 \\ \hline \times \end{array}$$

$$\begin{array}{r} 8 \overline{)24} \langle 3 \\ -24 \\ \hline \times \end{array}$$

$$\begin{array}{r} 4 \overline{)32} \langle 8 \\ -32 \\ \hline \times \end{array}$$

$$\begin{array}{r} 5 \overline{)25} \langle 5 \\ -25 \\ \hline \times \end{array}$$

$$\begin{array}{r} 8 \overline{)72} \langle 9 \\ -72 \\ \hline \times \end{array}$$

$$\begin{array}{r} 10 \overline{)60} \langle 6 \\ -60 \\ \hline \times \end{array}$$

$$\begin{array}{r} 6 \overline{)18} \langle 3 \\ -18 \\ \hline \times \end{array}$$

$$\begin{array}{r} 9 \overline{)63} \langle 7 \\ -63 \\ \hline \times \end{array}$$

Page 97 Exercise

Mental Maths

1. Skip counting
2. 50
3. 16
4. 7
5. 2
6. 7
7. $29 - 9 = 20 \div 2 = 10$
8. $3 \times 7 = 21$

Multiple choice questions

- | | |
|----------|---------|
| 1. (ii) | 2. (i) |
| 3. (iv) | 4. (i) |
| 5. (iii) | 6. (ii) |

Activity Time

13 5 18 18 25 3 8 18 9 19 20 13 1 19
M E R R Y C H R I S T M A S

Unit 5 : Time

Page 101 See the clock and write the time :

The short hand points to 1
The long hand points to 12
It is 1 O'clock.

The short hand points to 4
The long hand points to 12
It is 4 O'clock.

The short hand points to 2
The long hand points to 12
It is 2 O'clock.

The short hand points to 7
The long hand points to 12
It is 7 O'clock.

The short hand points to 9
The long hand points to 12
It is 9 O'clock.

The short hand points to 11
The long hand points to 12
It is 11 O'clock.

Unit 6 : Money

Page 105 Find the total price of the following :

1. $20 + 5 = 25$
2. $50 + 10 = 60$
3. $1 + 2 = 3$
4. $50 + 20 = 70$

Unit 7 : Measurement

Page 108 Weight these things :

- Weight of an apple 14 marbles.
Weight of an apple and 3 tomatoes.
Weight of a note-book 10 chalk sticks.
Weight of a cricket-ball 16 marbles.
Weight of an orange 13 beads.
Weight of a mango 5 beads.

Unit 8 : Shapes

Page 111 *In the above picture, write the number of :*

Triangles	7	Rectangles	5
Squares	4	Circles	15

Count the white squares and the black squares on the chess board :

White Squares	32
Black Squares	32

Unit 9 : Data Handling and Patterns

Page 114 1. January, February, March, April, May, June,
July, August, September, October, November,
December.

- | | | | |
|----|---|----|---|
| 2. | 2 | 3. | 2 |
| 4. | 3 | 5. | 4 |
| 6. | 7 | 8. | 4 |
| 9. | 7 | | |

Page 117 *Study the patterns and fill in the missing numbers :*

4	8	12	16	20	24
28	27	26	25	24	23
10	20	30	40	50	60
3	5	7	9	11	13
20	25	30	35	40	45
1	4	7	10	13	16

Page 118 *Fill in the zig-zag pattern :*

3 6 9 12 15 18 21 24 27 30 33 36
 16 18 20 22 24 26 28 30 32 34 36 38

What pattern is in the squares?

40 43 46 49 52 55 58 61 64 67 70 73

Count in 3

25 26 27 28 29 30 31 32 33 34 35 36

Count in 1

Page 119 **Exercise**

Mental Maths

- | | |
|---------|---------|
| 1. same | 2. same |
| 3. 4 | 4. 4 |
| 5. no | 6. 6 |

Multiple Choice Question

- | | |
|---------|----------|
| 1. (ii) | 2. (iii) |
| 3. (i) | 4. (iv) |
| 5. (ii) | 6. (ii) |

