

Unit One : Looking Back

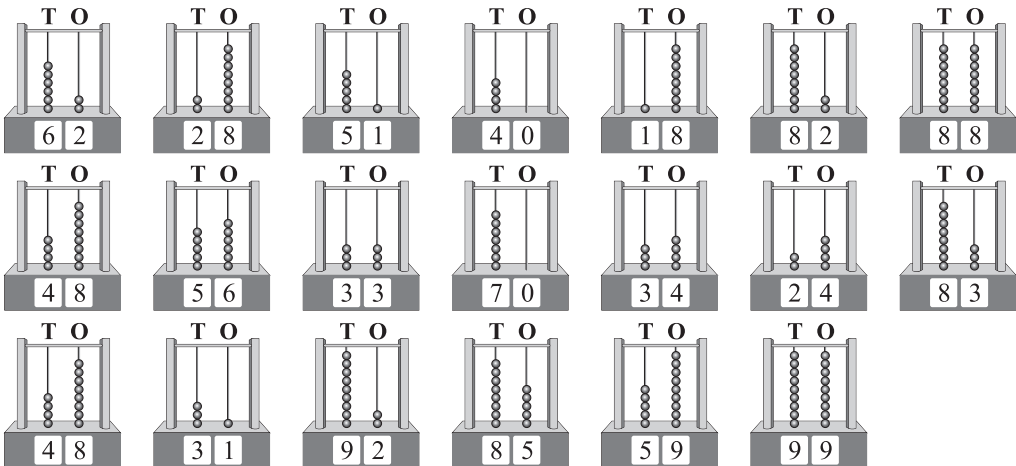


Fill in the table :

Ans. Six	6	Eighty	80	Fourteen	14	Twelve	12
Nineteen	19	Twenty	20	Sixty	60	Sixty-two	62
Eighteen	18	Nine	9	Thirty-two	32	Forty-six	46
Eleven	11	Ninety-six	96	Seven	7	Twenty-eight	28
Seventy-three	73	Thirty-nine	39	Forty-five	45	Eight-one	81
Fifty	50	Fifty-nine	59				

Write the number show on each of the given abacus :

Ans.



Fill in the box :

Ans.

	After	Before		Between		
4	5	62	63	25	26	27
14	15	52	53	45	46	47
46	47	87	88	30	31	32
76	77	17	18	60	61	62
28	29	31	32	43	44	45
48	49	11	12	65	66	67
39	40	39	40	18	19	20
50	51	69	70	78	79	80
87	88	90	91	56	57	58
93	94	99	100	98	99	100

Fill in the missing numbers (counting backward) :

Ans.

100	99	98	97	96	95	94	93	92	91
90	89	88	87	86	85	84	83	82	81
80	79	78	77	76	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

Fill in the correct symbol $<$, $>$ or $=$:

Ans.

$67 > 47$	$54 < 69$	$21 = 21$	$21 > 10$
$46 < 59$	$61 > 41$	$36 = 36$	$55 = 55$
$77 < 97$	$44 < 54$	$41 > 40$	$46 < 56$
$66 < 76$	$99 = 99$	$60 < 61$	$59 < 62$
$29 < 86$	$71 > 54$	$30 < 40$	$85 > 58$

Arrange the numbers in ascending order :

Ans.

19, 15, 31, 28, 16,	15 16 19 28 31	98, 60, 20, 35, 28,	20 28 35 60 98
22, 45, 10, 56, 18,	10 18 22 45 56	80, 21, 95, 47, 11,	11 21 47 80 95
73, 87, 62, 81, 17,	17 62 73 81 87	93, 90, 72, 40, 79,	40 72 79 90 93

Arrange the numbers in descending order :

Ans.

20, 23, 36, 19, 45,	45 36 23 20 19	98, 60, 20, 35, 28,	98 60 35 28 20
42, 54, 37, 68, 75,	75 68 54 42 37	10, 30, 50, 20, 40,	50 40 30 20 10
73, 87, 62, 81, 17,	87 81 73 62 17	99, 43, 87, 24, 45,	99 87 45 43 24

Mental Maths

Put the correct sign $>$, $<$ or $=$:

- | | | | | | |
|------------------|-----|---------------|------------------|-----|---------------|
| 1. 3 tens 9 ones | $<$ | 9 tens 3 ones | 2. 8 tens 0 ones | $=$ | 80 ones |
| 3. 4 tens 2 ones | $>$ | 30 ones | 4. 6 tens 5 ones | $>$ | 5 tens 6 ones |
| 5. 2 tens 9 ones | $<$ | 7 tens | 6. 1 ten 3 ones | $>$ | 1 ten 2 ones |

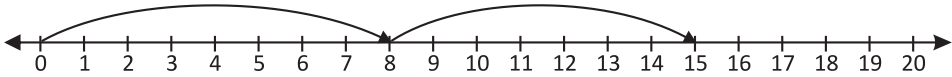
Unit Two : Addition and Subtraction up to 100



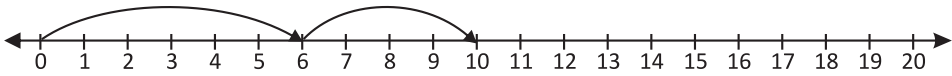
Addition of Numbers on a Number Line

This is how we add on a number line.

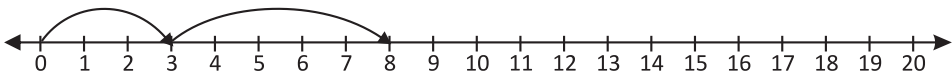
Ans.



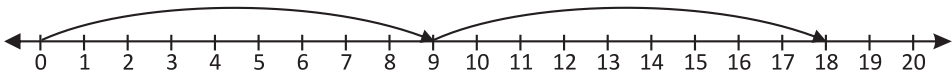
$$8 + 7 = 15$$



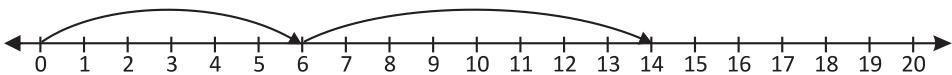
$$6 + 4 = 10$$



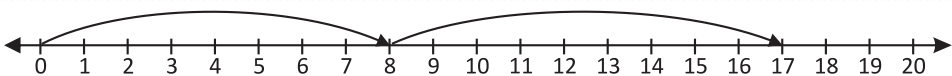
$$3 + 5 = 8$$



$$9 + 9 = 18$$



$$6 + 8 = 14$$



$$8 + 9 = 17$$

Properties of Addition

Complete the following :

Ans. $5 + 9 = 9 + 5 = 14$ $15 + 3 = 3 + 15 = 18$
 $19 + 1 = 1 + 19 = 20$ $8 + 9 = 9 + 8 = 17$

Find the sum of the following :

Ans. $5 + 4$ is same as $4 + 5 = 9$
 $6 + 6$ is same as $6 + 6 = 12$
 $15 + 7$ is same as $7 + 15 = 22$
 $30 + 4$ is same as $4 + 30 = 34$
 $11 + 9$ is same as $9 + 11 = 20$
 $25 + 51$ is same as $51 + 25 = 76$
 $18 + 11$ is same as $11 + 18 = 29$

Add the following :

Ans. $1 + 0 = 1$ $12 + 0 = 12$
 $70 + 0 = 70$ $41 + 0 = 41$
 $21 + 0 = 21$ $90 + 0 = 90$

Fill in the blanks :

Ans. $6 + 1 = 7$ $74 + 1 = 75$
 $13 + 1 = 14$ $48 + 1 = 49$
 $19 + 1 = 20$ $14 + 1 = 15$

Addition of 2-digit Numbers (without regrouping)

Add :
Ans.

$\begin{array}{r} \text{T O} \\ 42 \\ + 3 \\ \hline 45 \end{array}$	$\begin{array}{r} \text{T O} \\ 75 \\ + 1 \\ \hline 76 \end{array}$	$\begin{array}{r} \text{T O} \\ 50 \\ + 4 \\ \hline 54 \end{array}$	$\begin{array}{r} \text{T O} \\ 20 \\ + 30 \\ \hline 50 \end{array}$	$\begin{array}{r} \text{T O} \\ 32 \\ + 27 \\ \hline 59 \end{array}$	$\begin{array}{r} \text{T O} \\ 64 \\ + 35 \\ \hline 99 \end{array}$
$\begin{array}{r} \text{T O} \\ 78 \\ + 20 \\ \hline 98 \end{array}$	$\begin{array}{r} \text{T O} \\ 23 \\ + 45 \\ \hline 68 \end{array}$	$\begin{array}{r} \text{T O} \\ 24 \\ + 33 \\ \hline 57 \end{array}$	$\begin{array}{r} \text{T O} \\ 13 \\ + 75 \\ \hline 88 \end{array}$	$\begin{array}{r} \text{T O} \\ 13 \\ + 86 \\ \hline 99 \end{array}$	$\begin{array}{r} \text{T O} \\ 32 \\ + 33 \\ \hline 65 \end{array}$
$\begin{array}{r} \text{T O} \\ 21 \\ + 56 \\ \hline 77 \end{array}$	$\begin{array}{r} \text{T O} \\ 12 \\ + 35 \\ \hline 47 \end{array}$	$\begin{array}{r} \text{T O} \\ 13 \\ + 12 \\ \hline 25 \end{array}$	$\begin{array}{r} \text{T O} \\ 53 \\ + 1 \\ \hline 54 \end{array}$	$\begin{array}{r} \text{T O} \\ 60 \\ + 12 \\ \hline 72 \end{array}$	$\begin{array}{r} \text{T O} \\ 22 \\ + 40 \\ \hline 62 \end{array}$
$\begin{array}{r} \text{T O} \\ 33 \\ + 22 \\ \hline 55 \end{array}$	$\begin{array}{r} \text{T O} \\ 32 \\ + 11 \\ \hline 43 \end{array}$	$\begin{array}{r} \text{T O} \\ 22 \\ + 22 \\ \hline 44 \end{array}$	$\begin{array}{r} \text{T O} \\ 33 \\ + 33 \\ \hline 66 \end{array}$	$\begin{array}{r} \text{T O} \\ 55 \\ + 22 \\ \hline 77 \end{array}$	$\begin{array}{r} \text{T O} \\ 11 \\ + 60 \\ \hline 71 \end{array}$

Adding Three Numbers

Add the following :

Ans.

$\begin{array}{r} 34 \\ 12 \\ + 10 \\ \hline 56 \end{array}$	$\begin{array}{r} 11 \\ 21 \\ + 32 \\ \hline 64 \end{array}$	$\begin{array}{r} 40 \\ 21 \\ + 10 \\ \hline 71 \end{array}$	$\begin{array}{r} 31 \\ 32 \\ + 33 \\ \hline 96 \end{array}$	$\begin{array}{r} 25 \\ 12 \\ + 30 \\ \hline 67 \end{array}$	$\begin{array}{r} 14 \\ 21 \\ + 32 \\ \hline 67 \end{array}$	$\begin{array}{r} 10 \\ 10 \\ + 12 \\ \hline 32 \end{array}$
$\begin{array}{r} 42 \\ 13 \\ + 12 \\ \hline 67 \end{array}$	$\begin{array}{r} 35 \\ 32 \\ + 22 \\ \hline 89 \end{array}$	$\begin{array}{r} 65 \\ 24 \\ + 10 \\ \hline 99 \end{array}$	$\begin{array}{r} 27 \\ 52 \\ + 10 \\ \hline 89 \end{array}$	$\begin{array}{r} 24 \\ 61 \\ + 4 \\ \hline 89 \end{array}$	$\begin{array}{r} 26 \\ 12 \\ + 20 \\ \hline 58 \end{array}$	
$\begin{array}{r} 55 \\ 12 \\ + 12 \\ \hline 79 \end{array}$	$\begin{array}{r} 25 \\ 14 \\ + 10 \\ \hline 49 \end{array}$	$\begin{array}{r} 22 \\ 22 \\ + 22 \\ \hline 66 \end{array}$	$\begin{array}{r} 32 \\ 23 \\ + 14 \\ \hline 69 \end{array}$	$\begin{array}{r} 41 \\ 14 \\ + 21 \\ \hline 76 \end{array}$	$\begin{array}{r} 23 \\ 35 \\ + 10 \\ \hline 68 \end{array}$	
$\begin{array}{r} 10 \\ 20 \\ + 30 \\ \hline 60 \end{array}$	$\begin{array}{r} 24 \\ 24 \\ + 10 \\ \hline 58 \end{array}$	$\begin{array}{r} 63 \\ 12 \\ + 13 \\ \hline 88 \end{array}$	$\begin{array}{r} 52 \\ 13 \\ + 14 \\ \hline 79 \end{array}$	$\begin{array}{r} 33 \\ 22 \\ + 11 \\ \hline 66 \end{array}$	$\begin{array}{r} 32 \\ 32 \\ + 32 \\ \hline 96 \end{array}$	

Addition of 2-digit Numbers (with regrouping)

1. Add :

Ans.

<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>5</td><td>9</td></tr> <tr><td>+</td><td>2 7</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">8 6</td></tr> </table>	T	O	1		5	9	+	2 7	8 6		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>6</td><td>2</td></tr> <tr><td>+</td><td>2 9</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 1</td></tr> </table>	T	O	1		6	2	+	2 9	9 1		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>3</td><td>7</td></tr> <tr><td>+</td><td>4 6</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">8 3</td></tr> </table>	T	O	1		3	7	+	4 6	8 3		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>3</td><td>4</td></tr> <tr><td>+</td><td>5 9</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 3</td></tr> </table>	T	O	1		3	4	+	5 9	9 3		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>5</td><td>7</td></tr> <tr><td>+</td><td>2 7</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">8 4</td></tr> </table>	T	O	1		5	7	+	2 7	8 4		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td>5</td></tr> <tr><td>+</td><td>2 6</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">7 1</td></tr> </table>	T	O	1		4	5	+	2 6	7 1	
T	O																																																																
1																																																																	
5	9																																																																
+	2 7																																																																
8 6																																																																	
T	O																																																																
1																																																																	
6	2																																																																
+	2 9																																																																
9 1																																																																	
T	O																																																																
1																																																																	
3	7																																																																
+	4 6																																																																
8 3																																																																	
T	O																																																																
1																																																																	
3	4																																																																
+	5 9																																																																
9 3																																																																	
T	O																																																																
1																																																																	
5	7																																																																
+	2 7																																																																
8 4																																																																	
T	O																																																																
1																																																																	
4	5																																																																
+	2 6																																																																
7 1																																																																	
<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>3</td><td>8</td></tr> <tr><td>+</td><td>5 6</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 4</td></tr> </table>	T	O	1		3	8	+	5 6	9 4		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>5</td><td>9</td></tr> <tr><td>+</td><td>3 7</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 6</td></tr> </table>	T	O	1		5	9	+	3 7	9 6		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td>6</td></tr> <tr><td>+</td><td>1 6</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">6 2</td></tr> </table>	T	O	1		4	6	+	1 6	6 2		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td></td><td></td></tr> <tr><td>3</td><td>4</td></tr> <tr><td>+</td><td>1 5</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">4 9</td></tr> </table>	T	O			3	4	+	1 5	4 9		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>7</td></tr> <tr><td>+</td><td>4 5</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">7 2</td></tr> </table>	T	O	1		2	7	+	4 5	7 2		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td>8</td></tr> <tr><td>+</td><td>1 6</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">6 4</td></tr> </table>	T	O	1		4	8	+	1 6	6 4	
T	O																																																																
1																																																																	
3	8																																																																
+	5 6																																																																
9 4																																																																	
T	O																																																																
1																																																																	
5	9																																																																
+	3 7																																																																
9 6																																																																	
T	O																																																																
1																																																																	
4	6																																																																
+	1 6																																																																
6 2																																																																	
T	O																																																																
3	4																																																																
+	1 5																																																																
4 9																																																																	
T	O																																																																
1																																																																	
2	7																																																																
+	4 5																																																																
7 2																																																																	
T	O																																																																
1																																																																	
4	8																																																																
+	1 6																																																																
6 4																																																																	

2. Add the following :

Ans.

<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>3</td><td>8</td></tr> <tr><td>+</td><td>4 1</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 1</td></tr> </table>	T	O	1		3	8	+	4 1	9 1		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td>5</td></tr> <tr><td>+</td><td>1 2</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 3</td></tr> </table>	T	O	1		4	5	+	1 2	9 3		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>9</td></tr> <tr><td>+</td><td>5 1</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 4</td></tr> </table>	T	O	1		2	9	+	5 1	9 4		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>6</td><td>3</td></tr> <tr><td>+</td><td>2 0</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 2</td></tr> </table>	T	O	1		6	3	+	2 0	9 2		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td>5</td></tr> <tr><td>+</td><td>1 8</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">8 1</td></tr> </table>	T	O	2		3	5	+	1 8	8 1		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>6</td></tr> <tr><td>+</td><td>5 3</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">8 8</td></tr> </table>	T	O	1		2	6	+	5 3	8 8		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>5</td><td>8</td></tr> <tr><td>+</td><td>1 3</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">9 5</td></tr> </table>	T	O	1		5	8	+	1 3	9 5		<table style="margin: auto; border: 1px solid black;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td>2</td></tr> <tr><td>+</td><td>1 5</td></tr> <tr><td colspan="2" style="border: 1px solid black; background-color: #e0e0e0;">8 3</td></tr> </table>	T	O	1		4	2	+	1 5	8 3	
T	O																																																																																						
1																																																																																							
3	8																																																																																						
+	4 1																																																																																						
9 1																																																																																							
T	O																																																																																						
1																																																																																							
4	5																																																																																						
+	1 2																																																																																						
9 3																																																																																							
T	O																																																																																						
1																																																																																							
2	9																																																																																						
+	5 1																																																																																						
9 4																																																																																							
T	O																																																																																						
1																																																																																							
6	3																																																																																						
+	2 0																																																																																						
9 2																																																																																							
T	O																																																																																						
2																																																																																							
3	5																																																																																						
+	1 8																																																																																						
8 1																																																																																							
T	O																																																																																						
1																																																																																							
2	6																																																																																						
+	5 3																																																																																						
8 8																																																																																							
T	O																																																																																						
1																																																																																							
5	8																																																																																						
+	1 3																																																																																						
9 5																																																																																							
T	O																																																																																						
1																																																																																							
4	2																																																																																						
+	1 5																																																																																						
8 3																																																																																							

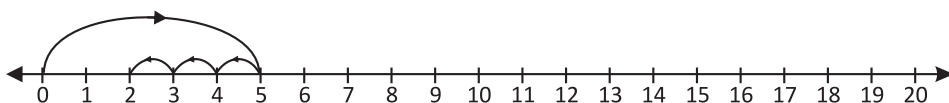
Word Problems based on Addition

1. Sums solved by Peter in first day = 24
 Sums solved by Peter in second day = + 12
 Total sum solved = **36**
 Thus, he solved 36 sums in the two days
2. Scored in the first game = 36
 Scored in the second game = + 32
 Total scored he get = **68**
 Here, he scored 68 points altogether.
3. Number of children from class 2 = 21
 Number of children from class 3 = + 39
 Total number of children = **60**
 So, 60 children were participating in the competition.
4. Runs scored in first cricket match = 39
 Runs scored in another cricket match = + 42
 Total scored by virat = **81**
 Thus, Virat scored 81 runs in both the matches.
5. Number of roses = 26
 Number of sunflowers = 23
 Number of marigolds = + 37
 Total number of flowers = **86**
 Thus, there are 6 flowers in the garden.

Subtraction

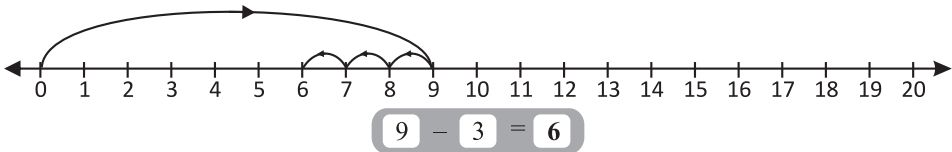
Look at the number lines. Subtract and write the answer in the box :

1.

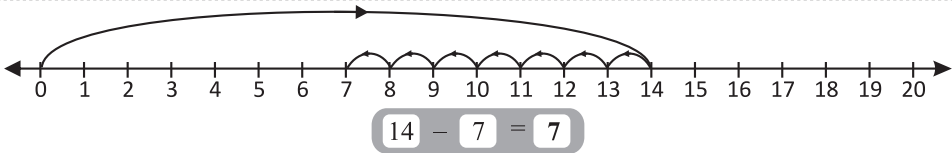


5 - 3 = 2

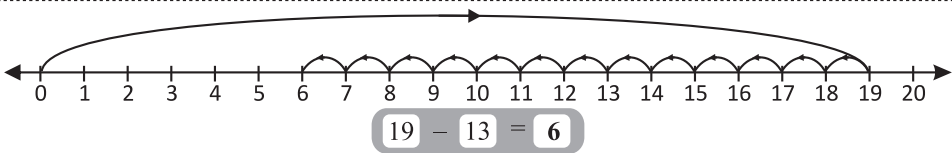
2.



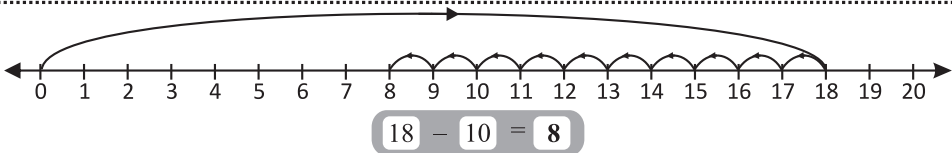
3.



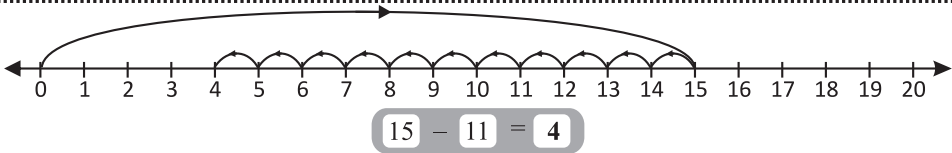
4.



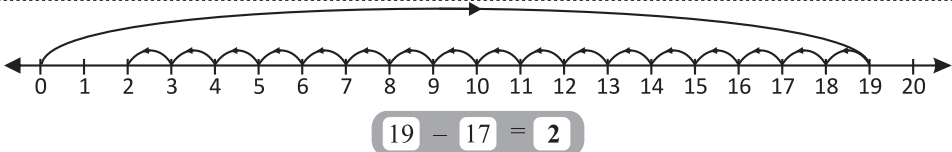
5.



6.



7.



Properties of Subtraction

Subtract the following :

Ans. $7 - 1 = 6$ $6 - 1 = 5$ $9 - 0 = 9$ $7 - 7 = 0$
 $51 - 51 = 0$ $85 - 85 = 0$ $66 - 0 = 66$ $1 - 1 = 0$
 $41 - 1 = 40$

Subtraction of 2-digit Numbers (without regrouping)

1. Subtract :

Ans.

$\begin{array}{r} \text{T O} \\ 66 \\ -21 \\ \hline 45 \end{array}$	$\begin{array}{r} \text{T O} \\ 39 \\ -25 \\ \hline 14 \end{array}$	$\begin{array}{r} \text{T O} \\ 36 \\ -14 \\ \hline 22 \end{array}$	$\begin{array}{r} \text{T O} \\ 41 \\ -30 \\ \hline 11 \end{array}$	$\begin{array}{r} \text{T O} \\ 28 \\ -16 \\ \hline 12 \end{array}$	$\begin{array}{r} \text{T O} \\ 98 \\ -77 \\ \hline 21 \end{array}$	$\begin{array}{r} \text{T O} \\ 87 \\ -61 \\ \hline 26 \end{array}$	$\begin{array}{r} \text{T O} \\ 94 \\ -31 \\ \hline 63 \end{array}$
$\begin{array}{r} \text{T O} \\ 54 \\ -11 \\ \hline 43 \end{array}$	$\begin{array}{r} \text{T O} \\ 78 \\ -66 \\ \hline 12 \end{array}$	$\begin{array}{r} \text{T O} \\ 76 \\ -41 \\ \hline 35 \end{array}$	$\begin{array}{r} \text{T O} \\ 65 \\ -64 \\ \hline 01 \end{array}$	$\begin{array}{r} \text{T O} \\ 83 \\ -20 \\ \hline 63 \end{array}$	$\begin{array}{r} \text{T O} \\ 43 \\ -00 \\ \hline 43 \end{array}$	$\begin{array}{r} \text{T O} \\ 67 \\ -55 \\ \hline 12 \end{array}$	

2. Subtract the following :

Ans.

$\begin{array}{r} \text{T O} \\ 29 \\ - 4 \\ \hline 25 \end{array}$	$\begin{array}{r} \text{T O} \\ 67 \\ - 3 \\ \hline 64 \end{array}$	$\begin{array}{r} \text{T O} \\ 55 \\ - 4 \\ \hline 51 \end{array}$	$\begin{array}{r} \text{T O} \\ 62 \\ - 2 \\ \hline 60 \end{array}$	$\begin{array}{r} \text{T O} \\ 99 \\ - 7 \\ \hline 92 \end{array}$	$\begin{array}{r} \text{T O} \\ 76 \\ - 41 \\ \hline 35 \end{array}$	$\begin{array}{r} \text{T O} \\ 65 \\ - 24 \\ \hline 41 \end{array}$	$\begin{array}{r} \text{T O} \\ 98 \\ - 5 \\ \hline 93 \end{array}$
$\begin{array}{r} \text{T O} \\ 82 \\ - 1 \\ \hline 81 \end{array}$	$\begin{array}{r} \text{T O} \\ 75 \\ - 31 \\ \hline 44 \end{array}$	$\begin{array}{r} \text{T O} \\ 30 \\ - 10 \\ \hline 20 \end{array}$	$\begin{array}{r} \text{T O} \\ 80 \\ - 40 \\ \hline 40 \end{array}$	$\begin{array}{r} \text{T O} \\ 67 \\ - 47 \\ \hline 20 \end{array}$	$\begin{array}{r} \text{T O} \\ 83 \\ - 20 \\ \hline 63 \end{array}$	$\begin{array}{r} \text{T O} \\ 90 \\ - 30 \\ \hline 60 \end{array}$	

Subtraction of 2-digit numbers (with regrouping)

1. Subtract :

Ans.

$\begin{array}{r} \text{T O} \\ 610 \\ \cancel{70} \\ - 15 \\ \hline 55 \end{array}$	$\begin{array}{r} \text{T O} \\ 410 \\ \cancel{50} \\ - 18 \\ \hline 32 \end{array}$	$\begin{array}{r} \text{T O} \\ 313 \\ \cancel{40} \\ - 19 \\ \hline 24 \end{array}$	$\begin{array}{r} \text{T O} \\ 714 \\ \cancel{80} \\ - 17 \\ \hline 67 \end{array}$	$\begin{array}{r} \text{T O} \\ 812 \\ \cancel{90} \\ - 59 \\ \hline 33 \end{array}$	$\begin{array}{r} \text{T O} \\ 712 \\ \cancel{80} \\ - 66 \\ \hline 16 \end{array}$	$\begin{array}{r} \text{T O} \\ 412 \\ \cancel{50} \\ - 46 \\ \hline 06 \end{array}$	$\begin{array}{r} \text{T O} \\ 810 \\ \cancel{90} \\ - 37 \\ \hline 53 \end{array}$	$\begin{array}{r} \text{T O} \\ 510 \\ \cancel{60} \\ - 16 \\ \hline 44 \end{array}$	$\begin{array}{r} \text{T O} \\ 613 \\ \cancel{70} \\ - 27 \\ \hline 46 \end{array}$
$\begin{array}{r} \text{T O} \\ 58 \\ \cancel{60} \\ - 23 \\ \hline 35 \end{array}$	$\begin{array}{r} \text{T O} \\ 412 \\ \cancel{50} \\ - 39 \\ \hline 13 \end{array}$	$\begin{array}{r} \text{T O} \\ 512 \\ \cancel{60} \\ - 39 \\ \hline 23 \end{array}$	$\begin{array}{r} \text{T O} \\ 116 \\ \cancel{20} \\ - 17 \\ \hline 09 \end{array}$	$\begin{array}{r} \text{T O} \\ 618 \\ \cancel{70} \\ - 29 \\ \hline 49 \end{array}$	$\begin{array}{r} \text{T O} \\ 516 \\ \cancel{60} \\ - 37 \\ \hline 29 \end{array}$	$\begin{array}{r} \text{T O} \\ 810 \\ \cancel{90} \\ - 28 \\ \hline 62 \end{array}$	$\begin{array}{r} \text{T O} \\ 212 \\ \cancel{30} \\ - 16 \\ \hline 16 \end{array}$	$\begin{array}{r} \text{T O} \\ 117 \\ \cancel{20} \\ - 19 \\ \hline 08 \end{array}$	$\begin{array}{r} \text{T O} \\ 513 \\ \cancel{60} \\ - 16 \\ \hline 47 \end{array}$
$\begin{array}{r} \text{T O} \\ 313 \\ \cancel{40} \\ - 36 \\ \hline 07 \end{array}$	$\begin{array}{r} \text{T O} \\ 811 \\ \cancel{90} \\ - 62 \\ \hline 29 \end{array}$	$\begin{array}{r} \text{T O} \\ 516 \\ \cancel{60} \\ - 27 \\ \hline 39 \end{array}$	$\begin{array}{r} \text{T O} \\ 415 \\ \cancel{50} \\ - 36 \\ \hline 19 \end{array}$	$\begin{array}{r} \text{T O} \\ 318 \\ \cancel{40} \\ - 29 \\ \hline 19 \end{array}$	$\begin{array}{r} \text{T O} \\ 512 \\ \cancel{60} \\ - 25 \\ \hline 37 \end{array}$	$\begin{array}{r} \text{T O} \\ 710 \\ \cancel{80} \\ - 51 \\ \hline 29 \end{array}$	$\begin{array}{r} \text{T O} \\ 415 \\ \cancel{50} \\ - 16 \\ \hline 39 \end{array}$	$\begin{array}{r} \text{T O} \\ 314 \\ \cancel{40} \\ - 15 \\ \hline 29 \end{array}$	$\begin{array}{r} \text{T O} \\ 217 \\ \cancel{30} \\ - 18 \\ \hline 19 \end{array}$

Word Problems

1. Number of Nisha has guests = $\begin{array}{r} 51 \\ \cancel{60} \end{array}$
 Number she has bowls = $- 37$
 Need of bowls = $\begin{array}{r} 24 \end{array}$
 She needs 34 bowls more.

2. Number of Neem trees = 87
 Number of Ashok trees = $- 65$
 Difference = $\begin{array}{r} 22 \end{array}$
 Thus, there are 22 Neem trees more than Ashok trees.

3. Arpita scored = $\begin{array}{r} 816 \\ \cancel{90} \end{array}$ marks
 Her friend's scored = $- 78$ marks
 Difference = $\begin{array}{r} 18 \end{array}$ marks
 Thus, 18 more marks has Arpita scored.

$$\begin{array}{r}
 812 \\
 4. \text{ Number of balloons sold on Monday} = 812 \\
 \text{Number of balloons sold on Tuesday} = - 65 \\
 \hline
 \text{Difference} = 27
 \end{array}$$

Thus, he sold 27 balloons more on Monday than Tuesday

$$\begin{array}{r}
 5. \text{ Total Number of apples} = 79 \\
 \text{Number of apples fell on road} = - 49 \\
 \hline
 \text{Difference} = 30 \\
 \text{Thus, Ajay has 30 apples now.}
 \end{array}$$

Let's Review

1. Add :

a.	b.	c.	d.	e.	f.	g.	h.
$\begin{array}{r} \text{T O} \\ 52 \\ + 7 \\ \hline 59 \end{array}$	$\begin{array}{r} \text{T O} \\ 50 \\ + 5 \\ \hline 55 \end{array}$	$\begin{array}{r} \text{T O} \\ 14 \\ + 48 \\ \hline 62 \end{array}$	$\begin{array}{r} \text{T O} \\ 38 \\ + 25 \\ \hline 63 \end{array}$	$\begin{array}{r} \text{T O} \\ 29 \\ + 70 \\ \hline 99 \end{array}$	$\begin{array}{r} \text{T O} \\ 42 \\ 35 \\ + 14 \\ \hline 91 \end{array}$	$\begin{array}{r} \text{T O} \\ 11 \\ 67 \\ + 21 \\ \hline 99 \end{array}$	$\begin{array}{r} \text{T O} \\ 12 \\ 24 \\ + 18 \\ \hline 54 \end{array}$

2. Subtract the following :

a.	b.	c.	d.	e.	f.	g.	h.
$\begin{array}{r} \text{T O} \\ 85 \\ - 32 \\ \hline 53 \end{array}$	$\begin{array}{r} \text{T O} \\ 96 \\ - 34 \\ \hline 62 \end{array}$	$\begin{array}{r} \text{T O} \\ 67 \\ - 43 \\ \hline 24 \end{array}$	$\begin{array}{r} \text{T O} \\ 67 \\ - 24 \\ \hline 43 \end{array}$	$\begin{array}{r} \text{T O} \\ 79 \\ - 55 \\ \hline 24 \end{array}$	$\begin{array}{r} \text{T O} \\ 98 \\ - 74 \\ \hline 24 \end{array}$	$\begin{array}{r} \text{T O} \\ 99 \\ - 88 \\ \hline 11 \end{array}$	$\begin{array}{r} \text{T O} \\ 55 \\ - 34 \\ \hline 21 \end{array}$

3. Solve:

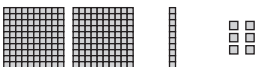
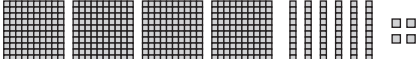
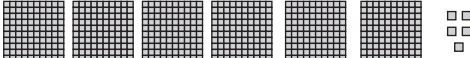
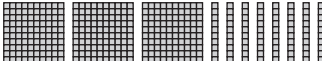
$$\begin{array}{r}
 \text{a. Number of chairs} = 26 \\
 \text{Number of tables} = + 31 \\
 \hline
 \text{Total number of chairs and tables} = 57 \\
 \text{So, there are 57 chairs and tables in all.}
 \end{array}$$

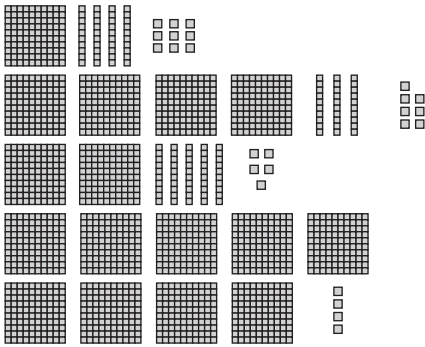
$$\begin{array}{r}
 \text{b. Number of hens in farm} = 416 \\
 \text{Number of transferred} = - 88 \\
 \hline
 \text{Difference} = 37 \\
 \text{So, 37 hens were left now.}
 \end{array}$$

Unit Three : 3-digit Numbers

Reading and Writing Numbers

1. Count and write the number :

Ans.		216
		464
		605
		380



149

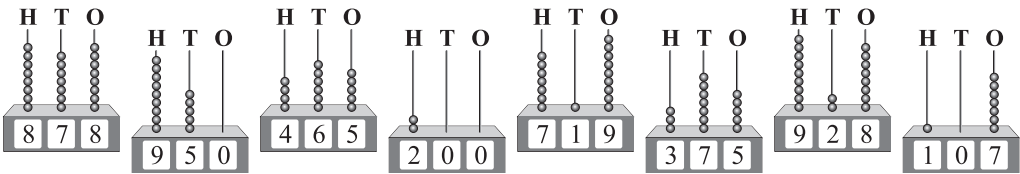
437

255

904

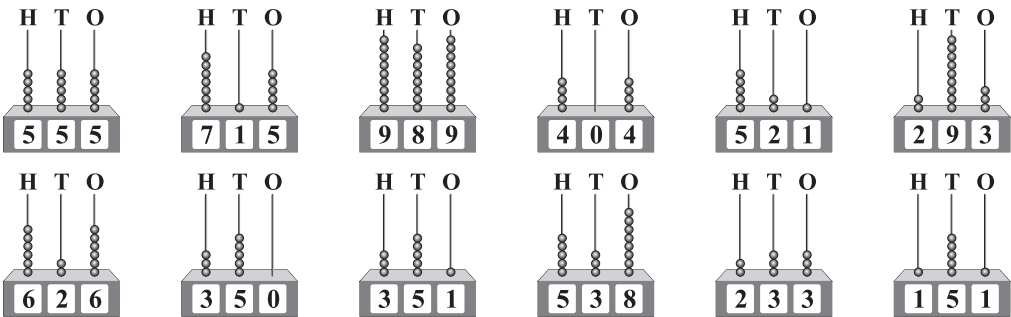
2. Draw beads on the abacus to show the following numbers :

Ans.



3. Count the beads and write the number :

Ans.



Numbers 101 to 300 :

Write the missing numbers :

Ans.

101	111	121	131	141	151	161	171	181	191
102	112	122	132	142	152	162	172	182	192
103	113	123	133	143	153	163	173	183	193
104	114	124	134	144	154	164	174	184	194
105	115	125	135	145	155	165	175	185	195
106	116	126	136	146	156	166	176	186	196
107	117	127	137	147	157	167	177	187	197
108	118	128	138	148	158	168	178	188	198
109	119	129	139	149	159	169	179	189	199
110	120	130	140	150	160	170	180	190	200

201	211	221	231	241	251	261	271	281	291
202	212	222	232	242	252	262	272	282	292
203	213	223	233	243	253	263	273	283	293
204	214	224	234	244	254	264	274	284	294
205	215	225	235	245	255	265	275	285	295
206	216	226	236	246	256	266	276	286	296
207	217	227	237	247	257	267	277	287	297
208	218	228	238	248	258	268	278	288	298
209	219	229	239	249	259	269	279	289	299
210	220	230	240	250	260	270	280	290	300

Numbers 301 to 500 :

Write the missing numbers :

Ans.

301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328	329	330
331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370
371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430
431	432	433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448	449	450
451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500

Numbers 501 to 700 :

Write the missing numbers :

501	502	503	504	505	506	507	508	509	510
511	512	513	514	515	516	517	518	519	520
521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570
571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590
591	592	593	594	595	596	597	598	599	600

601	602	603	604	605	606	607	608	609	610
611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660
661	662	663	664	665	666	667	668	669	670
671	672	673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688	689	690
691	692	693	694	695	696	697	698	699	700

Numbers 701 to 900 :

Write the missing numbers :

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900

901	902	903	904	905	906	907	908	909	910
911	912	913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000

Mental Maths

1. Write the number just before and after :

458	459	460	184	185	186	790	791	792
198	199	200	98	99	100	870	871	872

2. Write the number between:

796	797	798	907	908	909	899	900	901
444	445	446	101	102	103	625	626	627

Place value and Face value

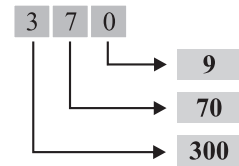
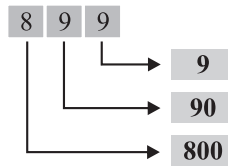
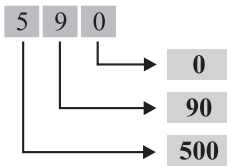
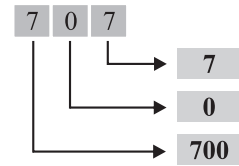
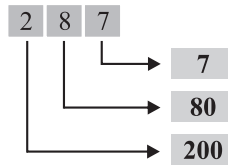
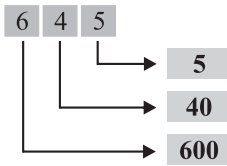
1. Write the place value and face value of the digits in red :

Number	Place Value	Face Value	Number	Place Value	Face Value
413	10	1	707	700	7
349	300	3	211	200	2
879	800	8	348	8	8

2. Write true or false :

True, False, True, False, True

3. Fill in the place value of the following numbers :



Expanded Numbers

Write the following in expanded form.

One is done for you.

- 712 = 700 + 10 + 2
 345 = 300 + 40 + 5
 930 = 900 + 30 + 0
 460 = 400 + 60 + 0
 274 = 200 + 70 + 4
 609 = 600 + 0 + 9
 810 = 800 + 10 + 0
 405 = 400 + 0 + 5
 826 = 800 + 20 + 6
 479 = 400 + 70 + 9
 523 = 500 + 20 + 3
 456 = 400 + 50 + 6
 530 = 500 + 30 + 0

Write the following in short from.

One is done for you.

- 800 + 20 + 7 = 827
 500 + 40 + 4 = 544
 700 + 50 + 3 = 753
 300 + 30 + 4 = 334
 900 + 90 + 4 = 994
 100 + 10 + 5 = 115
 800 + 20 + 4 = 824
 600 + 70 + 1 = 671
 900 + 0 + 7 = 907
 400 + 40 + 4 = 444
 500 + 50 + 0 = 550
 500 + 0 + 0 = 500
 700 + 80 + 7 = 787

Comparison of 3-digit Numbers

1. Fill in the correct symbol >, < or =.

- | | | | |
|-----------|-----------|-----------|-----------|
| 118 < 311 | 33 < 44 | 324 < 642 | 422 < 680 |
| 234 < 729 | 60 < 70 | 542 > 160 | 585 > 401 |
| 828 < 829 | 336 < 630 | 8 < 81 | 120 > 29 |
| 110 = 110 | 41 > 14 | 75 > 65 | 317 < 714 |
| 915 < 960 | 580 < 780 | 568 < 581 | 631 > 412 |
| 796 < 986 | 847 < 872 | 360 > 306 | 761 = 761 |

2. Circle the biggest number and cross the smallest number in each row :

- | | | | | | |
|----------------|-----|----------------|-----|-----|----------------|
| 958 | 445 | 322 | 809 | 954 | 853 |
| 734 | 894 | 767 | 900 | 600 | 485 |
| 112 | 211 | 321 | 123 | 766 | 677 |
| 708 | 809 | 907 | 709 | 998 | 889 |

230

E

123

O

225

O

243

O

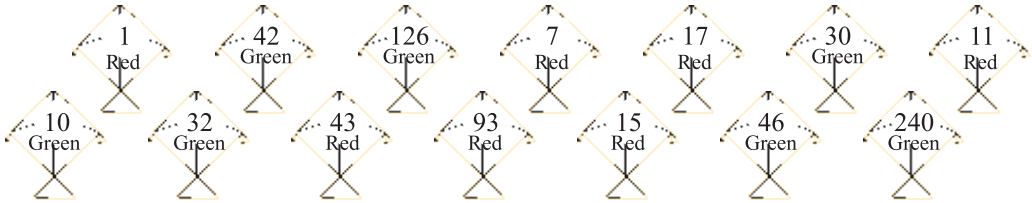
128

E

147

O

2. Colour odd numbers as red and even numbers as green :



3. Write the odd number just before the following numbers :



4. Write the even number just after the following numbers :



5. Fill in the blanks :

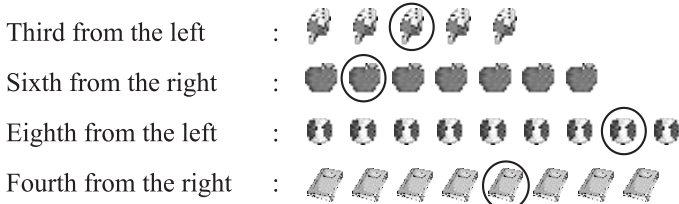
- 47 is an **odd** (even/odd) number.
- The next odd number after 55 is **57**.
- The next even number after 92 is **94**.
- The number next to an odd number is an **even** number.
- 3** is the first odd number.

6. Solve the problems :

- Kamal
- 3

Ordinal Numbers

1. Encircle the objects for the given ordinal number :



2. In the word 'ENVIRONMENT'.

The letter M is at **eighth** position from the left.

The letter V is at **third** position from the left.

The letter O is at **sixth** position from the left.

N letter is at tenth position from the left.

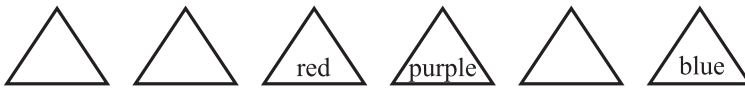
Let's Review

1. Tick (✓) the even numbers and cross out (X) the odd number.

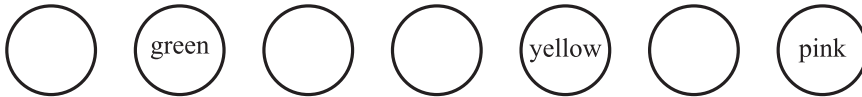


2. Color the shapes as directed.

Third triangle **red**, fourth triangle **purple**, sixth triangle **blue**.



Second circle **green**, fifth circle **yellow**, seventh circle **pink**.



Project

Count and write whether odd or even

Do it yourself.

Unit Five : Addition and Subtraction up to 1000



Addition of 3-digit Numbers (without regrouping)

1. Add by expanding the numbers :

Ans.

$$\begin{array}{r} 3 \ 6 \ 1 \\ + 6 \ 2 \ 2 \\ \hline 9 \ 8 \ 3 \end{array} = 300 + 60 + 1 + 600 + 20 + 2 = 900 + 80 + 3$$

$$\begin{array}{r} 4 \ 0 \ 3 \\ + 5 \ 0 \ 1 \\ \hline 9 \ 0 \ 4 \end{array} = 400 + 0 + 3 + 500 + 0 + 1 = 900 + 0 + 4$$

$$\begin{array}{r} 6 \ 3 \ 6 \\ + 3 \ 6 \ 1 \\ \hline 9 \ 9 \ 7 \end{array} = 600 + 30 + 6 + 300 + 60 + 1 = 900 + 90 + 7$$

$$\begin{array}{r} 2 \ 1 \ 7 \\ + 7 \ 8 \ 1 \\ \hline 9 \ 9 \ 8 \end{array} = 200 + 10 + 7 + 700 + 80 + 1 = 900 + 90 + 8$$

$$\begin{array}{r} 2 \ 6 \ 3 \\ + 4 \ 0 \ 5 \\ \hline 6 \ 6 \ 8 \end{array} = 200 + 60 + 3 + 400 + 00 + 5 = 600 + 60 + 8$$

$$\begin{array}{r} 5 \ 4 \ 3 \\ + 3 \ 2 \ 3 \\ \hline 8 \ 6 \ 6 \end{array} = 500 + 40 + 3 + 300 + 20 + 3 = 800 + 60 + 6$$

2. Add :

Ans.

$\begin{array}{r} \text{H T O} \\ 3 \ 9 \ 4 \\ + 5 \ 0 \ 3 \\ \hline 8 \ 9 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \ 4 \ 3 \\ + 4 \ 1 \ 3 \\ \hline 6 \ 5 \ 6 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \ 5 \ 4 \\ + 6 \ 1 \ 5 \\ \hline 8 \ 6 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \ 7 \ 3 \\ + 3 \ 0 \ 4 \\ \hline 6 \ 7 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 5 \ 6 \ 2 \\ + 3 \ 3 \ 0 \\ \hline 8 \ 9 \ 2 \end{array}$	$\begin{array}{r} \text{H T O} \\ 7 \ 4 \ 5 \\ + 2 \ 5 \ 3 \\ \hline 9 \ 9 \ 8 \end{array}$	$\begin{array}{r} \text{H T O} \\ 5 \ 0 \ 7 \\ + 3 \ 7 \ 1 \\ \hline 8 \ 7 \ 8 \end{array}$
$\begin{array}{r} \text{H T O} \\ 9 \ 8 \ 5 \\ + 0 \ 1 \ 4 \\ \hline 9 \ 9 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \ 1 \ 1 \\ + 1 \ 7 \ 3 \\ \hline 2 \ 8 \ 4 \end{array}$	$\begin{array}{r} \text{H T O} \\ 7 \ 4 \ 0 \\ + 2 \ 1 \ 4 \\ \hline 9 \ 5 \ 4 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \ 2 \ 3 \\ + 4 \ 6 \ 5 \\ \hline 7 \ 8 \ 8 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \ 3 \ 7 \\ + 5 \ 0 \ 0 \\ \hline 7 \ 3 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \ 0 \ 0 \\ + 3 \ 0 \ 0 \\ \hline 9 \ 0 \ 0 \end{array}$	$\begin{array}{r} \text{H T O} \\ 4 \ 0 \ 2 \\ + 5 \ 7 \ 0 \\ \hline 9 \ 7 \ 2 \end{array}$
$\begin{array}{r} \text{H T O} \\ 3 \ 0 \ 6 \\ + 1 \ 7 \ 2 \\ \hline 4 \ 7 \ 8 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \ 4 \ 8 \\ + 3 \ 4 \ 1 \\ \hline 5 \ 8 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \ 4 \ 6 \\ + 1 \ 2 \ 3 \\ \hline 3 \ 6 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \ 0 \ 5 \\ + 2 \ 3 \ 1 \\ \hline 3 \ 3 \ 6 \end{array}$	$\begin{array}{r} \text{H T O} \\ 5 \ 6 \ 3 \\ + 1 \ 0 \ 3 \\ \hline 6 \ 6 \ 6 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \ 3 \ 7 \\ + 4 \ 2 \ 0 \\ \hline 6 \ 5 \ 7 \end{array}$	

3. Add :

Ans.

$$\begin{array}{r} \text{H T O} \\ 302 \\ + 331 \\ + 125 \\ \hline 758 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 210 \\ + 202 \\ + 262 \\ \hline 674 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 325 \\ + 104 \\ + 260 \\ \hline 689 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 423 \\ + 342 \\ + 104 \\ \hline 869 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 323 \\ + 232 \\ + 111 \\ \hline 666 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 485 \\ + 102 \\ + 310 \\ \hline 897 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 733 \\ + 111 \\ + 122 \\ \hline 966 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 100 \\ + 71 \\ + 11 \\ \hline 182 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 505 \\ + 103 \\ + 210 \\ \hline 818 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 636 \\ + 202 \\ + 111 \\ \hline 949 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 233 \\ + 302 \\ + 221 \\ \hline 756 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 125 \\ + 130 \\ + 323 \\ \hline 578 \end{array}$$

Addition of 3-digit Numbers (with regrouping)

Add :

Ans.

$$\begin{array}{r} \text{H T O} \\ 11 \\ 548 \\ + 264 \\ \hline 812 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 376 \\ + 169 \\ \hline 545 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 546 \\ + 186 \\ \hline 732 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 468 \\ + 353 \\ \hline 821 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 428 \\ + 482 \\ \hline 910 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 338 \\ + 373 \\ \hline 711 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 579 \\ + 165 \\ \hline 744 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 617 \\ + 299 \\ \hline 916 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 478 \\ + 499 \\ \hline 977 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 158 \\ + 679 \\ \hline 837 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 487 \\ + 499 \\ \hline 986 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 497 \\ + 397 \\ \hline 894 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 1 \\ 447 \\ + 226 \\ \hline 673 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 458 \\ + 478 \\ \hline 936 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 379 \\ + 576 \\ \hline 955 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 357 \\ + 449 \\ \hline 806 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 398 \\ + 289 \\ \hline 687 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 447 \\ + 384 \\ \hline 831 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 537 \\ + 388 \\ \hline 925 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 678 \\ + 286 \\ \hline 964 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 456 \\ + 187 \\ \hline 643 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 559 \\ + 195 \\ \hline 754 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 648 \\ + 88 \\ \hline 736 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 355 \\ + 277 \\ \hline 632 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 596 \\ + 177 \\ \hline 773 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 586 \\ + 199 \\ \hline 785 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 797 \\ + 185 \\ \hline 982 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 566 \\ + 96 \\ \hline 662 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 278 \\ + 605 \\ \hline 883 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 248 \\ + 689 \\ \hline 937 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 392 \\ + 459 \\ \hline 851 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 648 \\ + 284 \\ \hline 932 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 388 \\ + 86 \\ \hline 474 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 208 \\ + 695 \\ \hline 903 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 176 \\ + 545 \\ \hline 721 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 434 \\ + 278 \\ \hline 712 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 236 \\ + 389 \\ \hline 625 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 397 \\ + 165 \\ \hline 562 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 446 \\ + 156 \\ \hline 602 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 11 \\ 347 \\ + 156 \\ \hline 503 \end{array}$$

Adding Three Numbers

Add.

Ans.

$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 162 \\ + 627 \\ + 108 \\ \hline 897 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{2} \\ 329 \\ + 329 \\ + 329 \\ \hline 987 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{2} \\ 247 \\ + 516 \\ + 208 \\ \hline 971 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 427 \\ + 165 \\ + 212 \\ \hline 804 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 372 \\ + 191 \\ + 110 \\ \hline 673 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 502 \\ + 182 \\ + 293 \\ \hline 977 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 341 \\ + 153 \\ + 135 \\ \hline 629 \end{array}$
$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 250 \\ + 147 \\ + 408 \\ \hline 805 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 518 \\ + 232 \\ + 176 \\ \hline 926 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 235 \\ + 426 \\ + 128 \\ \hline 789 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 173 \\ + 262 \\ + 28 \\ \hline 463 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 238 \\ + 84 \\ + 125 \\ \hline 447 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 337 \\ + 262 \\ + 276 \\ \hline 875 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 266 \\ + 428 \\ + 262 \\ \hline 956 \end{array}$
$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 839 \\ + 70 \\ + 65 \\ \hline 974 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 325 \\ + 382 \\ + 48 \\ \hline 755 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 228 \\ + 372 \\ + 163 \\ \hline 763 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 134 \\ + 483 \\ + 268 \\ \hline 885 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{12} \\ 435 \\ + 257 \\ + 239 \\ \hline 931 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 359 \\ + 456 \\ + 24 \\ \hline 839 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{21} \\ 592 \\ + 177 \\ + 79 \\ \hline 848 \end{array}$
$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 266 \\ + 297 \\ + 133 \\ \hline 696 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 556 \\ + 297 \\ + 133 \\ \hline 986 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{22} \\ 567 \\ + 48 \\ + 289 \\ \hline 904 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{12} \\ 386 \\ + 309 \\ + 99 \\ \hline 794 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{21} \\ 385 \\ + 184 \\ + 364 \\ \hline 933 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{11} \\ 265 \\ + 640 \\ + 58 \\ \hline 963 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{22} \\ 98 \\ + 239 \\ + 89 \\ \hline 426 \end{array}$

Word Problems

Solve:

1. Number of boys = $\textcircled{1}$ 283
 Number of girls = + 244
 So, Total number of children = $\textcircled{1}$ 527
 Thus, there are 527 children in the school.
2. Marks obtained half-yearly examination = $\textcircled{1}$ 546 marks
 Marks obtained final examination = + 483 marks
 Total marks obtained = $\textcircled{1}$ 1029 marks
 Thus, Vineet obtained 1029 marks altogether in the two examinations.
3. Number of cards got from one box = $\textcircled{1}$ 421
 Number of cards got from second box = 210
 Number of cards got from another box = + 119
 So, the total number of cards = $\textcircled{1}$ 750
 Thus, he got 750 cards from all three boxes.
4. The number of people on Sunday = $\textcircled{1}$ 780
 The number of people on Monday = + 249
 So, the total number of people in both days. = $\textcircled{1}$ 1029
 Thus, 1029 people in all watched the match.

5. Number of men = 634
 Number of women = + 218
 Number of children = 141
 So, the number of people = 993
 Thus, there are 993 people in the village.

Subtraction of 3-digit Numbers (without regrouping)

Subtract :

Ans.

$\begin{array}{r} \text{H T O} \\ 559 \\ -324 \\ \hline 235 \end{array}$	$\begin{array}{r} \text{H T O} \\ 484 \\ -380 \\ \hline 104 \end{array}$	$\begin{array}{r} \text{H T O} \\ 334 \\ -120 \\ \hline 214 \end{array}$	$\begin{array}{r} \text{H T O} \\ 777 \\ -513 \\ \hline 264 \end{array}$	$\begin{array}{r} \text{H T O} \\ 769 \\ -132 \\ \hline 637 \end{array}$	$\begin{array}{r} \text{H T O} \\ 979 \\ -761 \\ \hline 218 \end{array}$
$\begin{array}{r} \text{H T O} \\ 609 \\ -409 \\ \hline 200 \end{array}$	$\begin{array}{r} \text{H T O} \\ 729 \\ -605 \\ \hline 124 \end{array}$	$\begin{array}{r} \text{H T O} \\ 934 \\ -323 \\ \hline 611 \end{array}$	$\begin{array}{r} \text{H T O} \\ 887 \\ -567 \\ \hline 320 \end{array}$	$\begin{array}{r} \text{H T O} \\ 595 \\ -271 \\ \hline 324 \end{array}$	$\begin{array}{r} \text{H T O} \\ 999 \\ -305 \\ \hline 694 \end{array}$
$\begin{array}{r} \text{H T O} \\ 579 \\ -132 \\ \hline 447 \end{array}$	$\begin{array}{r} \text{H T O} \\ 969 \\ -761 \\ \hline 208 \end{array}$	$\begin{array}{r} \text{H T O} \\ 609 \\ -407 \\ \hline 202 \end{array}$	$\begin{array}{r} \text{H T O} \\ 898 \\ -545 \\ \hline 353 \end{array}$	$\begin{array}{r} \text{H T O} \\ 639 \\ -228 \\ \hline 411 \end{array}$	$\begin{array}{r} \text{H T O} \\ 764 \\ -323 \\ \hline 441 \end{array}$
$\begin{array}{r} \text{H T O} \\ 888 \\ -567 \\ \hline 321 \end{array}$	$\begin{array}{r} \text{H T O} \\ 594 \\ -271 \\ \hline 323 \end{array}$	$\begin{array}{r} \text{H T O} \\ 729 \\ -605 \\ \hline 124 \end{array}$	$\begin{array}{r} \text{H T O} \\ 999 \\ -305 \\ \hline 694 \end{array}$	$\begin{array}{r} \text{H T O} \\ 569 \\ -234 \\ \hline 335 \end{array}$	$\begin{array}{r} \text{H T O} \\ 568 \\ -325 \\ \hline 243 \end{array}$
$\begin{array}{r} \text{H T O} \\ 435 \\ -223 \\ \hline 212 \end{array}$	$\begin{array}{r} \text{H T O} \\ 383 \\ -170 \\ \hline 213 \end{array}$	$\begin{array}{r} \text{H T O} \\ 625 \\ -204 \\ \hline 421 \end{array}$	$\begin{array}{r} \text{H T O} \\ 288 \\ -166 \\ \hline 122 \end{array}$	$\begin{array}{r} \text{H T O} \\ 345 \\ -234 \\ \hline 111 \end{array}$	$\begin{array}{r} \text{H T O} \\ 707 \\ -407 \\ \hline 300 \end{array}$
$\begin{array}{r} \text{H T O} \\ 843 \\ -522 \\ \hline 321 \end{array}$	$\begin{array}{r} \text{H T O} \\ 909 \\ -308 \\ \hline 601 \end{array}$	$\begin{array}{r} \text{H T O} \\ 948 \\ -115 \\ \hline 833 \end{array}$	$\begin{array}{r} \text{H T O} \\ 868 \\ -241 \\ \hline 627 \end{array}$	$\begin{array}{r} \text{H T O} \\ 643 \\ -342 \\ \hline 301 \end{array}$	$\begin{array}{r} \text{H T O} \\ 789 \\ -626 \\ \hline 163 \end{array}$
$\begin{array}{r} \text{H T O} \\ 476 \\ -231 \\ \hline 245 \end{array}$	$\begin{array}{r} \text{H T O} \\ 709 \\ -301 \\ \hline 408 \end{array}$	$\begin{array}{r} \text{H T O} \\ 545 \\ -34 \\ \hline 511 \end{array}$	$\begin{array}{r} \text{H T O} \\ 582 \\ -380 \\ \hline 202 \end{array}$	$\begin{array}{r} \text{H T O} \\ 576 \\ -325 \\ \hline 251 \end{array}$	$\begin{array}{r} \text{H T O} \\ 987 \\ -654 \\ \hline 333 \end{array}$

Subtraction of 3-digit Numbers (with regrouping)

1. Subtract :

Ans.

$\begin{array}{r} \text{H T O} \\ 516 \\ 4\cancel{6}\cancel{6} \\ -228 \\ \hline 238 \end{array}$	$\begin{array}{r} \text{H T O} \\ 811 \\ 2\cancel{9}\cancel{9} \\ -169 \\ \hline 122 \end{array}$	$\begin{array}{r} \text{H T O} \\ 814 \\ 3\cancel{9}\cancel{4} \\ -126 \\ \hline 268 \end{array}$	$\begin{array}{r} \text{H T O} \\ 812 \\ 4\cancel{9}\cancel{2} \\ -178 \\ \hline 314 \end{array}$	$\begin{array}{r} \text{H T O} \\ 413 \\ 6\cancel{8}\cancel{8} \\ -137 \\ \hline 516 \end{array}$	$\begin{array}{r} \text{H T O} \\ 616 \\ 5\cancel{7}\cancel{6} \\ -237 \\ \hline 339 \end{array}$	$\begin{array}{r} \text{H T O} \\ 718 \\ 7\cancel{8}\cancel{8} \\ -249 \\ \hline 539 \end{array}$	$\begin{array}{r} \text{H T O} \\ 512 \\ 3\cancel{6}\cancel{2} \\ -159 \\ \hline 203 \end{array}$
---	---	---	---	---	---	---	---

$\begin{array}{r} \text{H T O} \\ 3 \cancel{14} \\ 4 \cancel{A} \cancel{A} \\ - 1 \ 3 \ 5 \\ \hline 3 \ 0 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \cancel{10} \\ 7 \cancel{A} \cancel{0} \\ - 5 \ 0 \ 9 \\ \hline 2 \ 3 \ 1 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \cancel{11} \\ 9 \cancel{7} \cancel{X} \\ - 3 \ 2 \ 5 \\ \hline 6 \ 4 \ 6 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \cancel{11} \\ 8 \cancel{A} \cancel{X} \\ - 4 \ 3 \ 8 \\ \hline 4 \ 0 \ 3 \end{array}$	$\begin{array}{r} \text{H T O} \\ 13 \\ 6 \cancel{2} \cancel{14} \\ 7 \cancel{A} \cancel{A} \\ - 5 \ 7 \ 7 \\ \hline 1 \ 6 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 17 \\ 8 \cancel{7} \cancel{10} \\ 9 \cancel{8} \cancel{0} \\ - 5 \ 9 \ 5 \\ \hline 3 \ 8 \ 5 \end{array}$	$\begin{array}{r} \text{H T O} \\ 15 \\ 7 \cancel{8} \cancel{14} \\ 8 \cancel{6} \cancel{A} \\ - 3 \ 6 \ 7 \\ \hline 4 \ 9 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 15 \\ 7 \cancel{8} \cancel{14} \\ 8 \cancel{6} \cancel{A} \\ - 3 \ 6 \ 7 \\ \hline 4 \ 9 \ 7 \end{array}$
$\begin{array}{r} \text{H T O} \\ 11 \\ 5 \cancel{X} \cancel{13} \\ 6 \cancel{2} \cancel{8} \\ - 5 \ 2 \ 8 \\ \hline 0 \ 9 \ 5 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \cancel{16} \\ 7 \cancel{X} \cancel{6} \\ - 3 \ 1 \ 8 \\ \hline 4 \ 1 \ 8 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \cancel{13} \\ 5 \cancel{A} \cancel{X} \\ - 3 \ 0 \ 8 \\ \hline 2 \ 3 \ 5 \end{array}$	$\begin{array}{r} \text{H T O} \\ 7 \cancel{13} \\ 8 \cancel{X} \cancel{4} \\ - 6 \ 4 \ 3 \\ \hline 1 \ 9 \ 1 \end{array}$	$\begin{array}{r} \text{H T O} \\ 11 \\ 7 \cancel{X} \cancel{14} \\ 8 \cancel{2} \cancel{A} \\ - 6 \ 2 \ 5 \\ \hline 1 \ 9 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 17 \\ 7 \cancel{7} \cancel{10} \\ 8 \cancel{8} \cancel{0} \\ - 3 \ 8 \ 9 \\ \hline 4 \ 9 \ 1 \end{array}$	$\begin{array}{r} \text{H T O} \\ 10 \\ 6 \cancel{0} \cancel{13} \\ 7 \cancel{X} \cancel{8} \\ - 3 \ 3 \ 8 \\ \hline 3 \ 7 \ 5 \end{array}$	$\begin{array}{r} \text{H T O} \\ 11 \\ 4 \cancel{X} \cancel{10} \\ 8 \cancel{2} \cancel{0} \\ - 3 \ 3 \ 3 \\ \hline 1 \ 8 \ 7 \end{array}$
$\begin{array}{r} \text{H T O} \\ 3 \cancel{12} \\ 4 \cancel{2} \cancel{9} \\ - 2 \ 4 \ 5 \\ \hline 1 \ 8 \ 4 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \cancel{14} \\ 1 \cancel{7} \cancel{A} \\ - 1 \ 2 \ 8 \\ \hline 0 \ 4 \ 6 \end{array}$	$\begin{array}{r} \text{H T O} \\ 9 \\ 5 \cancel{10} \cancel{11} \\ 6 \cancel{0} \cancel{X} \\ - 2 \ 3 \ 7 \\ \hline 3 \ 6 \ 4 \end{array}$	$\begin{array}{r} \text{H T O} \\ 9 \\ 4 \cancel{10} \cancel{15} \\ 8 \cancel{0} \cancel{8} \\ - 2 \ 4 \ 8 \\ \hline 2 \ 5 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 14 \\ 6 \cancel{A} \cancel{15} \\ 7 \cancel{8} \cancel{8} \\ - 5 \ 7 \ 6 \\ \hline 1 \ 7 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \cancel{10} \\ 6 \cancel{8} \cancel{0} \\ - 2 \ 0 \ 2 \\ \hline 4 \ 2 \ 8 \end{array}$	$\begin{array}{r} \text{H T O} \\ 15 \\ 3 \cancel{0} \cancel{15} \\ 4 \cancel{X} \cancel{8} \\ - 2 \ 8 \ 8 \\ \hline 1 \ 7 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 7 \cancel{17} \\ 8 \cancel{7} \cancel{5} \\ - 4 \ 8 \ 4 \\ \hline 3 \ 9 \ 1 \end{array}$
$\begin{array}{r} \text{H T O} \\ 10 \\ 6 \cancel{0} \cancel{11} \\ 7 \cancel{X} \cancel{X} \\ - 3 \ 6 \ 4 \\ \hline 3 \ 4 \ 7 \end{array}$	$\begin{array}{r} \text{H T O} \\ 14 \\ 8 \cancel{A} \cancel{12} \\ 9 \cancel{8} \cancel{2} \\ - 8 \ 6 \ 7 \\ \hline 0 \ 8 \ 5 \end{array}$	$\begin{array}{r} \text{H T O} \\ 17 \\ 4 \cancel{7} \cancel{16} \\ 8 \cancel{8} \cancel{6} \\ - 9 \ 7 \\ \hline 4 \ 8 \ 9 \end{array}$	$\begin{array}{r} \text{H T O} \\ 9 \\ 7 \cancel{10} \cancel{10} \\ 8 \cancel{0} \cancel{0} \\ - 1 \ 9 \ 2 \\ \hline 6 \ 0 \ 8 \end{array}$	$\begin{array}{r} \text{H T O} \\ 10 \\ 3 \cancel{0} \cancel{16} \\ 4 \cancel{X} \cancel{6} \\ - 2 \ 1 \ 8 \\ \hline 1 \ 9 \ 8 \end{array}$			

Word Problems

Solve:

- Total number of pages = 496
 Number of pictures = - 260
 So, Number of pages which have no pictures = **236**
 Thus, 236 pages do not have pictures.
- Total number of children = $\begin{array}{r} 11 \\ 8 \ 1 \ 15 \\ 9 \ 2 \ 8 \end{array}$
 Number of girls = - 388
 So, Number of boys = **537**
 Thus, there are 537 boys in a stadium.
- Total number of passengers = $\begin{array}{r} 15 \\ 8 \ 5 \ 17 \\ 9 \ 6 \ 7 \end{array}$
 Number of passengers got down at a station = - 379
 Remaining passengers = **588**
 So, 588 passenger are left in the train.
- Total number of children = $\begin{array}{r} 7 \ 18 \\ 5 \ 8 \ 8 \end{array}$
 Number of absent children = - 209
 So, number of present children = **379**
 Thus, 379 children were present.
- Number of story books = $\begin{array}{r} 13 \\ 4 \ 8 \ 12 \\ 5 \ 4 \ 2 \end{array}$
 Number of book sold = - 357
 Books left = **185**
 Thus, Shopkeeper had 185 books.

Let's Review

1. Find the missing numbers :

Ans. a.
$$\begin{array}{r} 1\ 2\ 1 \\ + 2\ 5\ 6 \\ \hline 3\ 7\ 7 \end{array}$$

b.
$$\begin{array}{r} 4\ 9\ 9 \\ - 2\ 5\ 8 \\ \hline 2\ 4\ 1 \end{array}$$

c.
$$\begin{array}{r} 6\ 7\ 2 \\ + 0\ 2\ 3 \\ \hline 6\ 9\ 5 \end{array}$$

2. Subtract:

Ans. a.
$$\begin{array}{r} 3\ 2\ 9 \\ - 3\ 0\ 2 \\ \hline 0\ 2\ 7 \end{array}$$

b.
$$\begin{array}{r} 5\ 9\ 3 \\ - 3\ 5\ 6 \\ \hline 2\ 3\ 7 \end{array}$$

3. Tick (✓) the correct choice :

- a. iii. ✓ b. i. ✓ c. i. ✓ d. i. ✓ e. iii. ✓ f. i. ✓




Unit Six : Multiplication



Multiplication as Repeated Addition





1. Fill in the boxes. One is done for you:

Ans.

 +  = 





3 Fishes **3** Fishes **6** Fishes

So, **2** times **3** = 6 or, $2 \times 3 = 6$

 +  +  = 





4 flowers **4** flowers **4** flowers **12** flowers

So, **3** times **4** = **12** or, $3 \times 4 = 12$

 +  +  = 

1 kite **1** kite **1** kite **3** kites

So, **3** times **1** = **3** or, $3 \times 1 = 3$

 +  +  = 

3 ice-creams **3** ice-creams **3** ice-creams **9** ice-creams

So, **3** times **3** = **9** or, $3 \times 3 = 9$

2. Write the multiplication statement :

Ans.

$3 + 3 + 3 + 3 + 3 = 15$

$4 + 4 + 4 + 4 + 4 + 4 + 4 = 28$

$8 + 8 + 8 + 8 = 32$

$7 + 7 + 7 + 7 + 7 + 7 + 7 = 49$

Multiplication Tables-6 to 10

Complete the tables.

$1 \times 6 = 6$
$2 \times 6 = 12$
$3 \times 6 = 18$
$4 \times 6 = 24$
$5 \times 6 = 30$
$6 \times 6 = 36$
$7 \times 6 = 42$
$8 \times 6 = 48$
$9 \times 6 = 54$
$10 \times 6 = 60$

$1 \times 7 = 7$
$2 \times 7 = 14$
$3 \times 7 = 21$
$4 \times 7 = 28$
$5 \times 7 = 35$
$6 \times 7 = 42$
$7 \times 7 = 49$
$8 \times 7 = 56$
$9 \times 7 = 63$
$10 \times 7 = 70$

$1 \times 8 = 8$
$2 \times 8 = 16$
$3 \times 8 = 24$
$4 \times 8 = 32$
$5 \times 8 = 40$
$6 \times 8 = 48$
$7 \times 8 = 56$
$8 \times 8 = 64$
$9 \times 8 = 72$
$10 \times 8 = 80$

$1 \times 9 = 9$
$2 \times 9 = 18$
$3 \times 9 = 27$
$4 \times 9 = 36$
$5 \times 9 = 45$
$6 \times 9 = 54$
$7 \times 9 = 63$
$8 \times 9 = 72$
$9 \times 9 = 81$
$10 \times 9 = 90$

$1 \times 10 = 10$
$2 \times 10 = 20$
$3 \times 10 = 30$
$4 \times 10 = 40$
$5 \times 10 = 50$
$6 \times 10 = 60$
$7 \times 10 = 70$
$8 \times 10 = 80$
$9 \times 10 = 90$
$10 \times 10 = 100$

1. Fill in the boxes :

$4 \times 9 = 36$	$6 \times 7 = 42$	$3 \times 2 = 6$	$5 \times 7 = 35$
$6 \times 8 = 48$	$7 \times 7 = 49$	$5 \times 4 = 20$	$9 \times 9 = 81$
$8 \times 5 = 40$	$3 \times 9 = 27$	$4 \times 7 = 28$	$6 \times 2 = 12$
$9 \times 1 = 9$	$10 \times 4 = 40$	$7 \times 9 = 63$	$8 \times 8 = 64$

2. Using multiplication tables. Find the product :

$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$
---	---	---	---	---	---	---	--

Properties of Multiplication

Fill in the blanks :

$5 \times 1 = 5$	$16 \times 0 = 0$	$5 \times 0 = 0$
$9 \times 1 = 9$	$5 \times 1 = 5$	$8 \times 1 = 8$
$0 \times 7 = 0$	$45 \times 1 = 45$	$9 \times 0 = 0$
$4 \times 3 = 3 \times 4 = 12$	$9 \times 4 = 4 \times 9 = 36$	$5 \times 2 = 2 \times 5 = 10$
$4 \times 7 = 7 \times 4 = 28$	$10 \times 4 = 4 \times 10 = 40$	$5 \times 7 = 7 \times 5 = 35$

Multiplying a 2-digit Number by a 1-digit Number

Multiply the following :

$\begin{array}{r} T O \\ 21 \\ \times 5 \\ \hline 105 \end{array}$	$\begin{array}{r} T O \\ 34 \\ \times 2 \\ \hline 68 \end{array}$	$\begin{array}{r} T O \\ 51 \\ \times 1 \\ \hline 51 \end{array}$	$\begin{array}{r} T O \\ 14 \\ \times 2 \\ \hline 28 \end{array}$	$\begin{array}{r} T O \\ 44 \\ \times 2 \\ \hline 88 \end{array}$	$\begin{array}{r} T O \\ 12 \\ \times 4 \\ \hline 48 \end{array}$	$\begin{array}{r} T O \\ 41 \\ \times 2 \\ \hline 82 \end{array}$	$\begin{array}{r} T O \\ 85 \\ \times 1 \\ \hline 85 \end{array}$
$\begin{array}{r} T O \\ 95 \\ \times 1 \\ \hline 95 \end{array}$	$\begin{array}{r} T O \\ 92 \\ \times 0 \\ \hline 00 \end{array}$	$\begin{array}{r} T O \\ 35 \\ \times 1 \\ \hline 35 \end{array}$	$\begin{array}{r} T O \\ 13 \\ \times 3 \\ \hline 39 \end{array}$	$\begin{array}{r} T O \\ 24 \\ \times 2 \\ \hline 48 \end{array}$	$\begin{array}{r} T O \\ 90 \\ \times 1 \\ \hline 90 \end{array}$	$\begin{array}{r} T O \\ 33 \\ \times 3 \\ \hline 99 \end{array}$	$\begin{array}{r} T O \\ 34 \\ \times 2 \\ \hline 68 \end{array}$

Multiplying a 2-digit Number by a 1-digit Number

Find the product :

$\begin{array}{r} \text{H T O} \\ 1 \\ 34 \\ \times 3 \\ \hline 102 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 25 \\ \times 5 \\ \hline 125 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 47 \\ \times 4 \\ \hline 188 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \\ 19 \\ \times 7 \\ \hline 133 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 56 \\ \times 3 \\ \hline 168 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 74 \\ \times 6 \\ \hline 444 \end{array}$	$\begin{array}{r} \text{H T O} \\ 4 \\ 68 \\ \times 5 \\ \hline 340 \end{array}$	$\begin{array}{r} \text{H T O} \\ 5 \\ 29 \\ \times 6 \\ \hline 174 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 38 \\ \times 2 \\ \hline 76 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 25 \\ \times 3 \\ \hline 75 \end{array}$
$\begin{array}{r} \text{H T O} \\ 1 \\ 24 \\ \times 4 \\ \hline 96 \end{array}$	$\begin{array}{r} \text{H T O} \\ 4 \\ 18 \\ \times 5 \\ \hline 90 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \\ 15 \\ \times 6 \\ \hline 90 \end{array}$	$\begin{array}{r} \text{H T O} \\ 4 \\ 18 \\ \times 5 \\ \hline 90 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 46 \\ \times 2 \\ \hline 92 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 27 \\ \times 4 \\ \hline 108 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 12 \\ \times 6 \\ \hline 72 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 13 \\ \times 7 \\ \hline 91 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 58 \\ \times 3 \\ \hline 174 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 62 \\ \times 4 \\ \hline 248 \end{array}$
$\begin{array}{r} \text{H T O} \\ 70 \\ \times 4 \\ \hline 280 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \\ 56 \\ \times 5 \\ \hline 280 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 53 \\ \times 6 \\ \hline 318 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \\ 69 \\ \times 7 \\ \hline 483 \end{array}$	$\begin{array}{r} \text{H T O} \\ 4 \\ 76 \\ \times 8 \\ \hline 608 \end{array}$	$\begin{array}{r} \text{H T O} \\ 61 \\ \times 5 \\ \hline 305 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 42 \\ \times 9 \\ \hline 378 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \\ 46 \\ \times 6 \\ \hline 276 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \\ 19 \\ \times 4 \\ \hline 76 \end{array}$	$\begin{array}{r} \text{H T O} \\ 50 \\ \times 8 \\ \hline 400 \end{array}$
$\begin{array}{r} \text{H T O} \\ 2 \\ 44 \\ \times 7 \\ \hline 308 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \\ 37 \\ \times 9 \\ \hline 333 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 54 \\ \times 6 \\ \hline 324 \end{array}$	$\begin{array}{r} \text{H T O} \\ 4 \\ 28 \\ \times 6 \\ \hline 168 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \\ 56 \\ \times 5 \\ \hline 280 \end{array}$	$\begin{array}{r} \text{H T O} \\ 80 \\ \times 3 \\ \hline 240 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 44 \\ \times 6 \\ \hline 264 \end{array}$	$\begin{array}{r} \text{H T O} \\ 6 \\ 18 \\ \times 8 \\ \hline 144 \end{array}$	$\begin{array}{r} \text{H T O} \\ 51 \\ \times 8 \\ \hline 408 \end{array}$	$\begin{array}{r} \text{H T O} \\ 54 \\ \times 6 \\ \hline 324 \end{array}$
$\begin{array}{r} \text{H T O} \\ 4 \\ 47 \\ \times 6 \\ \hline 282 \end{array}$	$\begin{array}{r} \text{H T O} \\ 7 \\ 79 \\ \times 8 \\ \hline 632 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 38 \\ \times 3 \\ \hline 114 \end{array}$	$\begin{array}{r} \text{H T O} \\ 3 \\ 46 \\ \times 5 \\ \hline 230 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 64 \\ \times 6 \\ \hline 384 \end{array}$					

Multiplying a 3-digit Number by a 1-digit Number

Find the product :

$\begin{array}{r} \text{H T O} \\ 432 \\ \times 2 \\ \hline 864 \end{array}$	$\begin{array}{r} \text{H T O} \\ 323 \\ \times 2 \\ \hline 646 \end{array}$	$\begin{array}{r} \text{H T O} \\ 121 \\ \times 3 \\ \hline 363 \end{array}$	$\begin{array}{r} \text{H T O} \\ 133 \\ \times 3 \\ \hline 399 \end{array}$	$\begin{array}{r} \text{H T O} \\ 111 \\ \times 5 \\ \hline 555 \end{array}$	$\begin{array}{r} \text{H T O} \\ 212 \\ \times 4 \\ \hline 848 \end{array}$	$\begin{array}{r} \text{H T O} \\ 342 \\ \times 2 \\ \hline 684 \end{array}$	$\begin{array}{r} \text{H T O} \\ 423 \\ \times 2 \\ \hline 846 \end{array}$
$\begin{array}{r} \text{H T O} \\ 475 \\ \times 1 \\ \hline 475 \end{array}$	$\begin{array}{r} \text{H T O} \\ 303 \\ \times 3 \\ \hline 909 \end{array}$	$\begin{array}{r} \text{H T O} \\ 141 \\ \times 2 \\ \hline 282 \end{array}$	$\begin{array}{r} \text{H T O} \\ 101 \\ \times 9 \\ \hline 909 \end{array}$	$\begin{array}{r} \text{H T O} \\ 248 \\ \times 1 \\ \hline 248 \end{array}$	$\begin{array}{r} \text{H T O} \\ 331 \\ \times 2 \\ \hline 662 \end{array}$	$\begin{array}{r} \text{H T O} \\ 148 \\ \times 0 \\ \hline 000 \end{array}$	$\begin{array}{r} \text{H T O} \\ 210 \\ \times 4 \\ \hline 240 \end{array}$

Multiplying a 3-digit Number by a 1-digit Number

Find the product :

$\begin{array}{r} \text{H T O} \\ 3 \\ 160 \\ \times 5 \\ \hline 800 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 229 \\ \times 2 \\ \hline 458 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 328 \\ \times 3 \\ \hline 984 \end{array}$	$\begin{array}{r} \text{H T O} \\ 2 \\ 104 \\ \times 5 \\ \hline 520 \end{array}$	$\begin{array}{r} \text{H T O} \\ 1 \\ 429 \\ \times 2 \\ \hline 858 \end{array}$	$\begin{array}{r} \text{H T O} \\ 11 \\ 355 \\ \times 2 \\ \hline 710 \end{array}$	$\begin{array}{r} \text{H T O} \\ 11 \\ 246 \\ \times 3 \\ \hline 738 \end{array}$	$\begin{array}{r} \text{H T O} \\ 13 \\ 149 \\ \times 4 \\ \hline 596 \end{array}$	$\begin{array}{r} \text{H T O} \\ 12 \\ 135 \\ \times 5 \\ \hline 675 \end{array}$
---	---	---	---	---	--	--	--	--

$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 316 \\ \times 3 \\ \hline 948 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{3} \\ 170 \\ \times 5 \\ \hline 850 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 242 \\ \times 4 \\ \hline 968 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{2} \\ 318 \\ \times 3 \\ \hline 954 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 427 \\ \times 2 \\ \hline 854 \end{array}$	$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 124 \\ \times 4 \\ \hline 496 \end{array}$
---	---	---	---	---	---

Multiplication by 10,20,30...100

1. Write the product in the boxes.

a. $15 \times 10 = \boxed{150}$

b. $34 \times 20 = \boxed{680}$

c. $4 \times 60 = \boxed{240}$

d. $5 \times 80 = \boxed{400}$

e. $43 \times 20 = \boxed{860}$

f. $10 \times 40 = \boxed{400}$

g. $20 \times 9 = \boxed{180}$

h. $31 \times 30 = \boxed{930}$

i. $90 \times 80 = \boxed{7200}$

2. Fill in the boxes.

a. $4 \times 2 = \boxed{8}$

b. $4 \times 20 = \boxed{80}$

c. $4 \times 200 = \boxed{800}$

d. $3 \times 3 = \boxed{9}$

e. $3 \times 30 = \boxed{90}$

f. $3 \times 300 = \boxed{900}$

g. $7 \times 100 = \boxed{700}$

h. $9 \times 80 = \boxed{720}$

i. $5 \times 200 = \boxed{1000}$

Word Problems

Solve:

1. Number of students in each row = $\overset{\textcircled{3}}{55}$
 Number of rows = $\times 7$
 So, total number of students = $\boxed{385}$
 Hence, 385 is the total number of students in 7 such row.

2. Cost of a silk saree = 234
 Number of 2 sarees = $\times 2$
 = $\boxed{468}$

Hence, the cost of sarees will be ₹468.

3. Number of days in a week = 7
 Number of weeks = $\times 14$
 Total number of days = $\boxed{98}$
 Hence, 98 days will be in 14 weeks

4. Number of boxes = $\overset{\textcircled{3}}{25}$
 Each box contains chocolates = $\times 7$
 So, total number of chocolates = $\boxed{175}$
 Hence, there are 175 chocolates in all the boxes.

5. Number of fruits in a bag = $\overset{\textcircled{1}}{216}$
 Number of bags = $\times 3$
 So, total number of fruits = $\boxed{648}$
 There are 648 fruits in 3 bags.

Let's Review

1. Fill in the blanks :

a. $\boxed{3} \times \boxed{1} = \boxed{1} \times \boxed{3}$

b. $\boxed{0} \times \boxed{19} = \boxed{19} \times \boxed{0}$

c. $\boxed{45} \times \boxed{0} = \boxed{0}$

d. $\boxed{17} \times \boxed{1} = \boxed{17} \times \boxed{1}$

e. $\boxed{6} \times \boxed{9} = \boxed{9} \times \boxed{6}$

f. $\boxed{17} \times \boxed{8} = \boxed{8} \times \boxed{17}$

2. **Multiply :**

a.

H	T	O
5	3	
×	3	
1 5 9		

b.

H	T	O
4	8	6
×	7	
6 0 2		

c.

H	T	O
1 3	1	2 5
×	6	
7 5 0		

d.

H	T	O
1 2	2	3 8
×	3	
7 1 4		

3. Number of reserved tables = 22
 Number of persons on each table = × 8
 So, total number of persons = 176
 Thus, 176 people will be attending the party.

4. **Tick (✓) the correct choice :**

- a. iii. ✓ b. iii. ✓ c. iii. ✓ d. iii. ✓



Unit Seven : Division



Division as Equal Sharing

1. **Fill in the blanks :**

10 balls have been shared equally by 2 boys.

Each boy gets **5** balls.

Division fact is, $10 \div 2 = 5$

8 cherries have been equally shared by 4 girls.

Each girls gets **2** cherries.

Division fact is, $8 \div 4 = 2$

2. **Put the following into equal groups and write the division fact :**

Put 9 papaya into groups of 3.

Division fact is $9 \div 3 = 3$

Put 14 kites into groups of 7.

Division fact is $14 \div 7 = 2$

Put 24 ice cream into groups of 8.

Division fact is $24 \div 8 = 3$

Division as Repeated Subtraction

1. **Divide the following by repeated subtraction :**

12 bananas among 3 children

12	-	3	=	9	1 time
9	-	3	=	6	2 times
6	-	3	=	3	3 times
3	-	3	=	0	4 times

So, $12 \div 3 = 4$

20 marbles among 5 children

20	-	5	=	15	1 time
15	-	5	=	10	2 times
10	-	5	=	5	3 times
5	-	5	=	0	4 times

So, $20 \div 5 = 4$

10 parrots on 2 branches

$$\begin{array}{r} 10 - 2 = 8 \quad 1 \text{ time} \\ 8 - 2 = 6 \quad 2 \text{ times} \\ 6 - 2 = 4 \quad 3 \text{ times} \\ 4 - 2 = 2 \quad 4 \text{ times} \\ 2 - 2 = 0 \quad 5 \text{ times} \end{array}$$

So, $10 \div 2 = 5$

14 balloons among 7 children

$$\begin{array}{r} 14 - 7 = 7 \quad 1 \text{ time} \\ 7 - 7 = 0 \quad 2 \text{ times} \end{array}$$

So, $14 \div 7 = 2$

36 rupees among 9 girls

$$\begin{array}{r} 36 - 9 = 27 \quad 1 \text{ time} \\ 27 - 9 = 18 \quad 2 \text{ times} \\ 18 - 9 = 9 \quad 3 \text{ times} \\ 9 - 9 = 0 \quad 4 \text{ times} \end{array}$$

So, $36 \div 9 = 4$

16 fishes among 4 rows

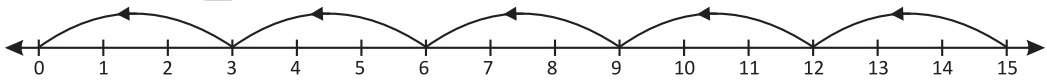
$$\begin{array}{r} 16 - 4 = 12 \quad 1 \text{ time} \\ 12 - 4 = 8 \quad 2 \text{ times} \\ 8 - 4 = 4 \quad 3 \text{ times} \\ 4 - 4 = 0 \quad 4 \text{ time} \end{array}$$

So, $16 \div 4 = 4$

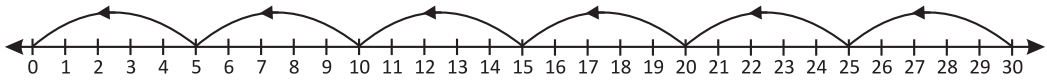
Division on Number Line

Divide the following by using number line :

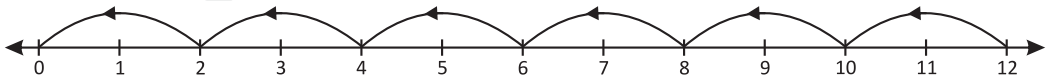
$$15 \div 3 = 5$$



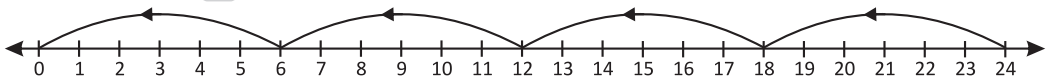
$$30 \div 5 = 6$$



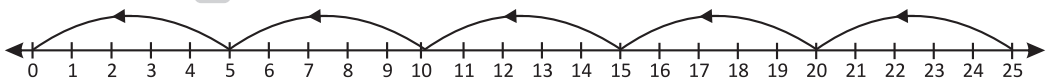
$$12 \div 2 = 6$$



$$24 \div 6 = 4$$



$$25 \div 5 = 5$$



Relation between Multiplication and Division

1. Write two division facts for each multiplication fact :

Multiplication Fact

$$3 \times 4 = 12$$

$$6 \times 7 = 42$$

$$8 \times 7 = 56$$

$$4 \times 9 = 36$$

Division Fact 1

$$12 \div 4 = 3$$

$$42 \div 7 = 6$$

$$56 \div 7 = 8$$

$$36 \div 9 = 4$$

Division Fact 2

$$12 \div 3 = 4$$

$$42 \div 6 = 7$$

$$56 \div 8 = 7$$

$$36 \div 4 = 9$$

$3 \times 6 = 18$	$18 \div 6 = 3$	$18 \div 3 = 6$
$7 \times 9 = 63$	$63 \div 9 = 7$	$63 \div 7 = 9$
$2 \times 5 = 10$	$10 \div 5 = 2$	$10 \div 2 = 5$
$8 \times 10 = 80$	$80 \div 10 = 8$	$80 \div 8 = 10$
$6 \times 8 = 48$	$48 \div 8 = 6$	$48 \div 6 = 8$
$7 \times 3 = 21$	$21 \div 3 = 7$	$21 \div 7 = 3$

2. Divide by using multiplication tables :

$8 \div 4 = 2$	$16 \div 2 = 8$	$20 \div 5 = 4$
$4 \div 2 = 2$	$36 \div 6 = 6$	$12 \div 4 = 3$
$20 \div 5 = 4$	$45 \div 9 = 5$	$5 \div 5 = 1$
$40 \div 8 = 5$	$28 \div 7 = 4$	$30 \div 10 = 3$

Long Method of Division

1. Divide the following by the long division method :

$\begin{array}{r} 2 \overline{) 18} \text{ (9)} \\ - 18 \\ \hline 00 \end{array}$	$\begin{array}{r} 3 \overline{) 24} \text{ (8)} \\ - 24 \\ \hline 00 \end{array}$	$\begin{array}{r} 6 \overline{) 54} \text{ (9)} \\ - 54 \\ \hline 00 \end{array}$	$\begin{array}{r} 5 \overline{) 45} \text{ (9)} \\ - 45 \\ \hline 00 \end{array}$	$\begin{array}{r} 7 \overline{) 49} \text{ (7)} \\ - 49 \\ \hline 00 \end{array}$	$\begin{array}{r} 9 \overline{) 72} \text{ (8)} \\ - 72 \\ \hline 00 \end{array}$	$\begin{array}{r} 4 \overline{) 32} \text{ (8)} \\ - 32 \\ \hline 00 \end{array}$	$\begin{array}{r} 8 \overline{) 56} \text{ (7)} \\ - 56 \\ \hline 00 \end{array}$
$\begin{array}{r} 2 \overline{) 12} \text{ (6)} \\ - 12 \\ \hline 00 \end{array}$	$\begin{array}{r} 5 \overline{) 25} \text{ (5)} \\ - 25 \\ \hline 00 \end{array}$	$\begin{array}{r} 3 \overline{) 21} \text{ (7)} \\ - 21 \\ \hline 00 \end{array}$	$\begin{array}{r} 3 \overline{) 15} \text{ (5)} \\ - 15 \\ \hline 00 \end{array}$	$\begin{array}{r} 4 \overline{) 28} \text{ (7)} \\ - 28 \\ \hline 00 \end{array}$	$\begin{array}{r} 4 \overline{) 36} \text{ (9)} \\ - 36 \\ \hline 00 \end{array}$	$\begin{array}{r} 5 \overline{) 30} \text{ (6)} \\ - 30 \\ \hline 00 \end{array}$	$\begin{array}{r} 5 \overline{) 40} \text{ (8)} \\ - 40 \\ \hline 00 \end{array}$
$\begin{array}{r} 6 \overline{) 42} \text{ (7)} \\ - 42 \\ \hline 00 \end{array}$	$\begin{array}{r} 6 \overline{) 30} \text{ (5)} \\ - 30 \\ \hline 00 \end{array}$	$\begin{array}{r} 7 \overline{) 42} \text{ (6)} \\ - 42 \\ \hline 00 \end{array}$	$\begin{array}{r} 7 \overline{) 10} \text{ (10)} \\ - 10 \\ \hline 00 \end{array}$	$\begin{array}{r} 8 \overline{) 40} \text{ (5)} \\ - 40 \\ \hline 00 \end{array}$	$\begin{array}{r} 8 \overline{) 64} \text{ (8)} \\ - 64 \\ \hline 00 \end{array}$	$\begin{array}{r} 9 \overline{) 45} \text{ (5)} \\ - 45 \\ \hline 00 \end{array}$	$\begin{array}{r} 9 \overline{) 81} \text{ (9)} \\ - 81 \\ \hline 00 \end{array}$

2. Solve the sums and check your answer. One has been done for you.

$\begin{array}{r} 10 \overline{) 50} \text{ (5)} \\ - 50 \\ \hline 00 \end{array}$	$\begin{array}{r} 9 \overline{) 63} \text{ (7)} \\ - 63 \\ \hline 00 \end{array}$	$\begin{array}{r} 6 \overline{) 48} \text{ (8)} \\ - 48 \\ \hline 00 \end{array}$	$\begin{array}{r} 8 \overline{) 72} \text{ (9)} \\ - 72 \\ \hline 00 \end{array}$	$\begin{array}{r} 7 \overline{) 42} \text{ (6)} \\ - 42 \\ \hline 00 \end{array}$	$\begin{array}{r} 4 \overline{) 24} \text{ (6)} \\ - 24 \\ \hline 00 \end{array}$
Check : $10 \times 5 = 50$	Check : $9 \times 7 = 63$	Check : $6 \times 8 = 48$	Check : $8 \times 9 = 72$	Check : $7 \times 6 = 42$	Check : $4 \times 6 = 24$

Concept of Remainder

Use your multiplication tables to do these division. Write the quotient and the remainder :

$\begin{array}{r} 3 \overline{) 28} \text{ (9)} \\ - 27 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \overline{) 42} \text{ (8)} \\ - 40 \\ \hline 2 \end{array}$	$\begin{array}{r} 7 \overline{) 52} \text{ (7)} \\ - 49 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \overline{) 58} \text{ (6)} \\ - 54 \\ \hline 4 \end{array}$	$\begin{array}{r} 4 \overline{) 35} \text{ (8)} \\ - 32 \\ \hline 3 \end{array}$	$\begin{array}{r} 5 \overline{) 47} \text{ (9)} \\ - 45 \\ \hline 2 \end{array}$
Q = 9 R = 1	Q = 8 R = 2	Q = 7 R = 3	Q = 6 R = 4	Q = 8 R = 3	Q = 9 R = 2
$\begin{array}{r} 8 \overline{) 45} \text{ (5)} \\ - 40 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \overline{) 24} \text{ (8)} \\ - 24 \\ \hline 00 \end{array}$	$\begin{array}{r} 5 \overline{) 34} \text{ (6)} \\ - 30 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \overline{) 66} \text{ (9)} \\ - 63 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \overline{) 67} \text{ (7)} \\ - 63 \\ \hline 4 \end{array}$	
Q = 5 R = 5	Q = 8 R = 0	Q = 6 R = 4	Q = 9 R = 3	Q = 7 R = 4	

$$\begin{array}{r} 10 \overline{) 58} \text{ (5)} \\ - 50 \\ \hline 8 \\ \hline \end{array}$$

Q = 5 R = 8

$$\begin{array}{r} 4 \overline{) 26} \text{ (6)} \\ - 24 \\ \hline 2 \\ \hline \end{array}$$

Q = 6 R = 2

$$\begin{array}{r} 6 \overline{) 55} \text{ (9)} \\ - 54 \\ \hline 1 \\ \hline \end{array}$$

Q = 9 R = 1

$$\begin{array}{r} 8 \overline{) 64} \text{ (8)} \\ - 64 \\ \hline 00 \\ \hline \end{array}$$

Q = 8 R = 0

$$\begin{array}{r} 10 \overline{) 100} \text{ (10)} \\ - 100 \\ \hline 00 \\ \hline \end{array}$$

Q = 10 R = 0

Word Problems

- Ans.** 1. Number of flowers = 27
 Number of pots = 3
 Number of flowers in each pot = $27 \div 3$
 = 9

$$\begin{array}{r} 3 \overline{) 27} \text{ (9)} \\ - 27 \\ \hline 00 \\ \hline \end{array}$$

There are 9 flowers in each pot.

2. Number of candles = 25
 Number of boxes = 5
 Number of candles in each box = $25 \div 5$
 = 5

$$\begin{array}{r} 5 \overline{) 25} \text{ (5)} \\ - 25 \\ \hline 00 \\ \hline \end{array}$$

There are 5 candles in each box.

3. Number of pencils = 64
 Number of children = 8
 Number of pencils get each child = $64 \div 8$
 = 8

$$\begin{array}{r} 8 \overline{) 64} \text{ (8)} \\ - 64 \\ \hline 00 \\ \hline \end{array}$$

Thus, 8 pencils get each child.

4. Number of mables = 28
 Number of boys = 4
 Mables get each boy = $28 \div 4$
 = 7

$$\begin{array}{r} 4 \overline{) 28} \text{ (7)} \\ - 28 \\ \hline 00 \\ \hline \end{array}$$

Thus, 7 mables get each boy.

5. Number of biscuits = 60
 Number of boxes = 6
 Number biscuits put in each box = $60 \div 6$
 = 10

$$\begin{array}{r} 6 \overline{) 60} \text{ (10)} \\ - 60 \\ \hline 00 \\ \hline \end{array}$$

Thus, There are 10 biscuits in each box.

Let's Review

1. Fill in the boxes :

- a.** $15 \div 5 = 3$ Each monkey get 3 bananas.
b. $8 \div 4 = 4$ Each boy get 4 pens.

2. Fill in the blanks :

- a.** If $5 \times 3 = 15$, then $15 \div 5 = 3$ **b.** If $48 \div 6 = 8$, then $8 \times 6 = 48$

3. Use repeated subtraction to find the answers in your notebook :

- a.** $18 - 3 = 15$ **b.** $32 - 4 = 28$ **c.** $45 - 9 = 36$ **d.** $28 - 7 = 21$

$15 - 3 = 12$

$12 - 3 = 9$

$9 - 3 = 6$

$6 - 3 = 3$

$3 - 3 = 0$

$\text{Thus, } 18 \div 3 = 6$

$28 - 4 = 24$

$24 - 4 = 20$

$20 - 4 = 16$

$16 - 4 = 12$

$12 - 4 = 8$

$8 - 4 = 4$

$4 - 4 = 0$

$\text{Thus, } 32 \div 4 = 8$

$36 - 9 = 27$

$27 - 9 = 18$

$18 - 9 = 9$

$9 - 9 = 0$

$\text{Thus, } 45 \div 9 = 5$

$21 - 7 = 14$

$14 - 7 = 7$

$7 - 7 = 0$

$\text{Thus, } 28 \div 7 = 4$

e. $64 - 8 = 56$

$56 - 8 = 48$

$48 - 8 = 40$

$40 - 8 = 32$

$32 - 8 = 24$

$24 - 8 = 16$

$16 - 8 = 8$

$8 - 8 = 0$

$\text{Thus, } 64 \div 8 = 8$

f. $72 - 9 = 63$

$63 - 9 = 54$

$54 - 9 = 45$

$45 - 9 = 36$

$36 - 9 = 27$

$27 - 9 = 18$

$18 - 9 = 9$

$9 - 9 = 0$

$\text{Thus, } 72 \div 9 = 8$

g. $45 - 5 = 40$

$40 - 5 = 35$

$35 - 5 = 30$

$30 - 5 = 25$

$25 - 5 = 20$

$20 - 5 = 15$

$15 - 5 = 10$

$10 - 5 = 5$

$5 - 5 = 0$

$\text{Thus, } 45 \div 5 = 9$

h. $36 - 6 = 30$

$30 - 6 = 24$

$24 - 6 = 18$

$18 - 6 = 12$

$12 - 6 = 6$

$6 - 6 = 0$

$\text{Thus, } 36 \div 6 = 6$

6. Solve the following in your notebook :

a. Total number of toffees = 20

Number of girls = 4

Thus, each girl get 5 toffees.

$$\begin{array}{r} 4 \overline{) 20} \text{ (5)} \\ - 20 \\ \hline 00 \end{array}$$

b. Total number of flower = 12

Number of pots = 3

Thus, she can put 4 flowers in each pot.

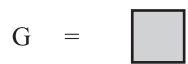
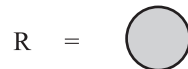
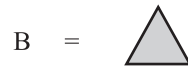
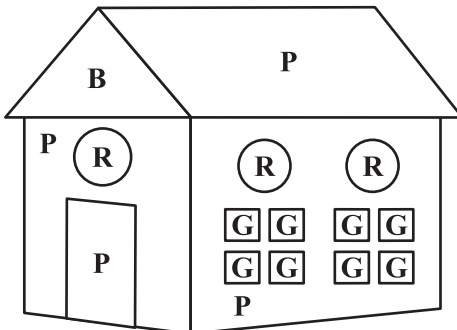
$$\begin{array}{r} 3 \overline{) 12} \text{ (4)} \\ - 12 \\ \hline 00 \end{array}$$

Unit Eight : Shapes








Plane Shapes

Look at the following figure carefully and colour the shapes according to the colour given for each shape :

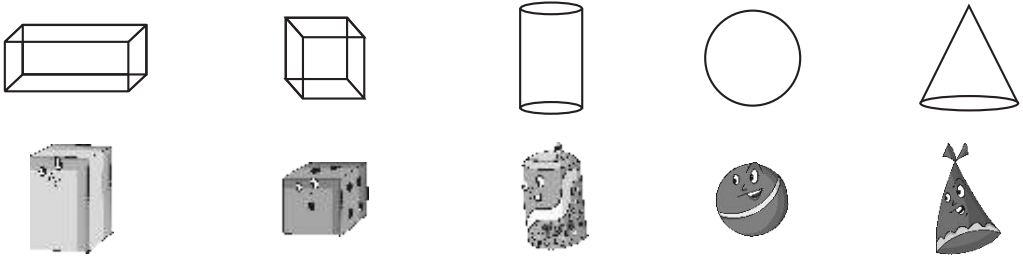


Name the shape. Then write how many sides and corners it has.

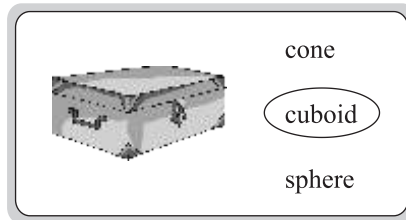
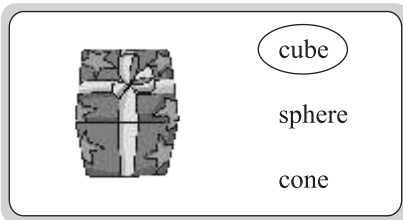
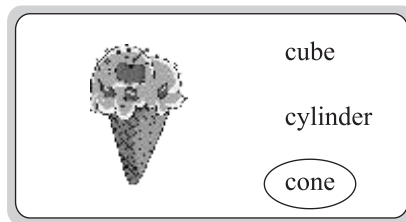
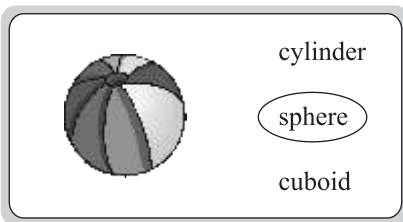
Shape					
Name	Square	Rectangle	Circle	Triangle	Oval
Sides	4	4	0	3	0
Corners	4	4	0	3	0

Solid Shapes

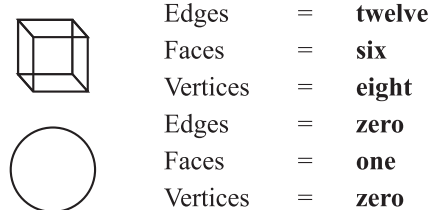
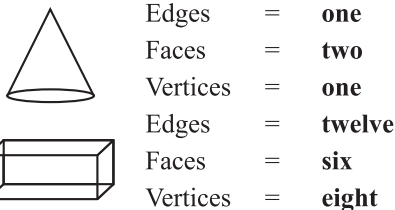
Match the 3-D shapes with their respective objects.



1. Circle the correct shape of the following objects :



2. Write the number of edges, faces and vertices for each figure :



Mental Maths

Tick (✓) the correct choice :

1. c. ✓ 2. c. ✓ 3. c. ✓

Difference Between a Straight Line and a Curved Line

1. Join A to B with a straight line :



2. Join P to Q with a curved line :



3. Count and write the number of lines :

Horizontal lines **7**
Vertical lines **2**
Slanting lines **6**

Straight lines **8**
Curved lines **1**

4. Draw a shape known to you with a curved line.

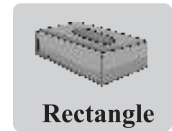


5. Draw two shapes known to you with straight line.



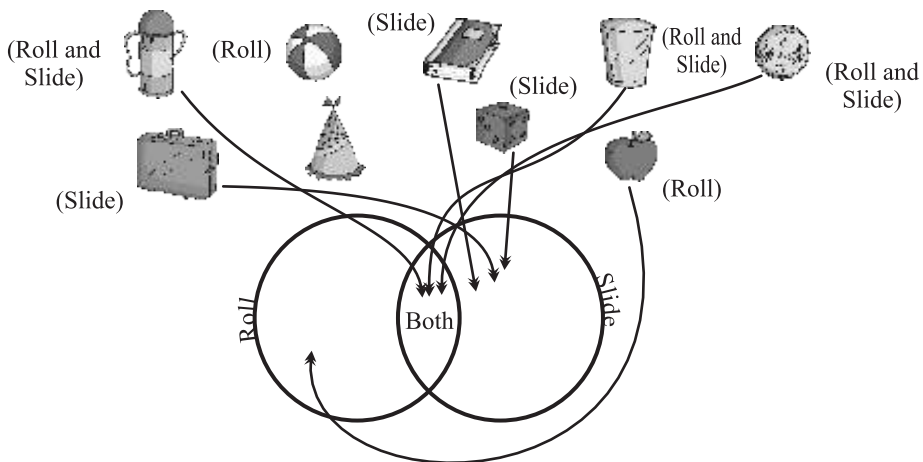
Tracing Out Flat Shapes from Solid Shapes

Trace the shapes with the base of these objects. Name the plane shapes you get.



Rolling and Sliding

Match the objects with the circle they belong to. One has been done for you :



Let's Review

- Read the clues and identify the figures :
 - Square
 - Cube
 - Sphere
 - Triangle
- Trace the shapes with the base of these objects. Name the shapes also:
Trace the shapes do it yourself.
Name the shapes — (a) Circle (b) Square (c) Rectangle

3. Write the number of lines (horizontal, vertical and slanting) which make each of these letters of the alphabet :

a. **A** Horizontal = 1
Slanting = 2

b. **K** Vertical = 1
Slanting = 2

4. Look at these objects. Name the shape each looks like:



Sphere



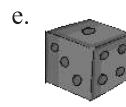
Cuboid



Cylinder



Cone



Cube



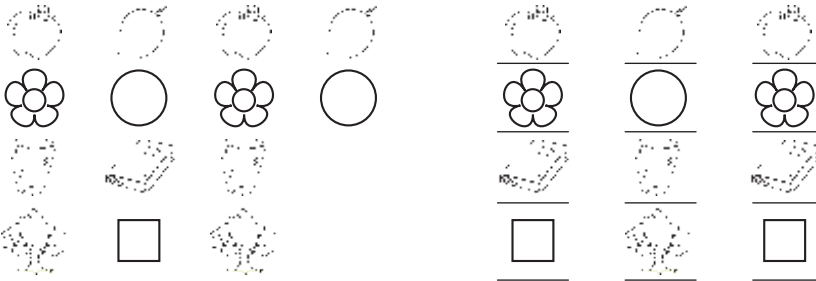
Sphere

Unit Nine : Patterns

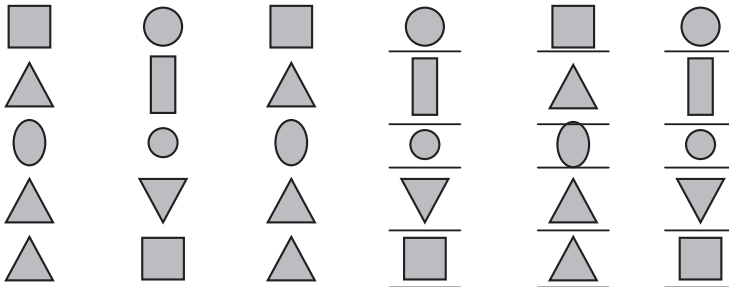


Patterns Around Us

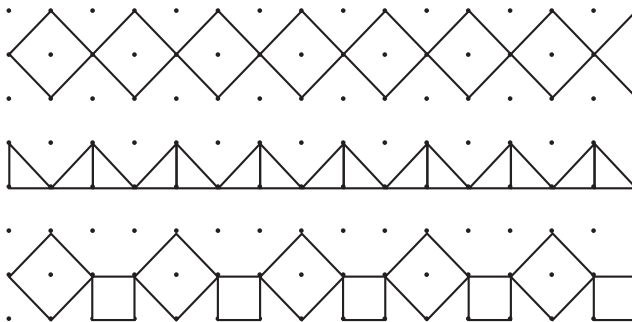
1. Draw the sequence that follows and colour them :



2. Draw the next two shapes to continue the sequence and colour them :

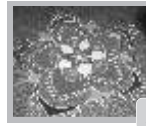


3. Join the dots to continue the pattern :



Pattern Around Us

Tick (✓) the natural patterns and cross out (X) the man-made patterns :



Number Patterns

1. Observe the following patterns and write them using number :

1 Tomato

4 Tomato

7 Tomato

10 Tomato

12 Fish

10 Fishes

8 Fish

6 Fish

2. Write the next three terms in each sequence :

0 3 6 9 **12** **15** **18** (Here, 3 is plus)

4 9 14 19 **24** **29** **34** (Here, 5 is added)

10 15 20 25 **30** **35** **40** (Here, 5 is plus)

18 25 32 39 **46** **53** **60** (Here, 7 is added)

40 35 30 25 **20** **15** **10** (Here, 5 is plus)

70 60 50 40 **30** **20** **10** (Here 10 is minus)

2 4 8 16 **32** **64** **128** (Here, a number is multiple by 2)

5 10 20 40 **80** **160** **320** (Here, a number is multiple by 2)

HOTS

Find the missing numbers in the following patterns :

a. 3, 6, **9** 12, 15, 18, **21** 24, 27, **30**

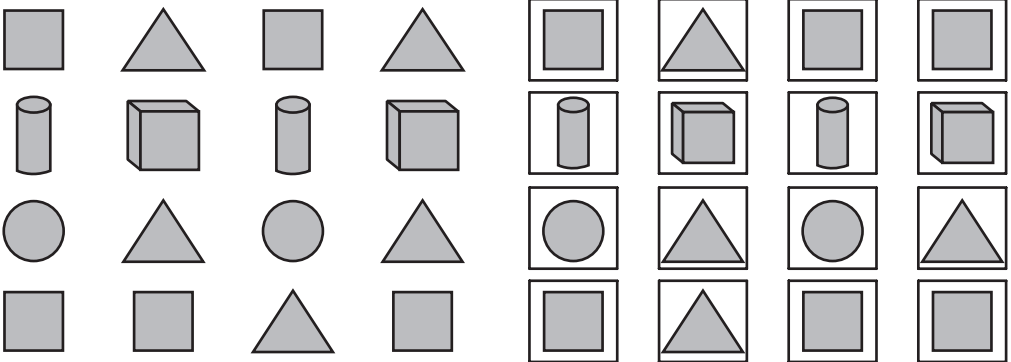
b. 24, 22 **20** 18, 16, 14, **12**, **10**

c. 5, 10, 15, **20** 25, 30, **35**, **40** 45, 50

d. 140, **136** 132, 128, **124** 120, 116, 112, **108** 104

Let's Review

1. Complete the following patterns of shapes :



2. Look for the pattern and continue the sequence :

5 10 15 20 **25** **30** **35** (Here, 5 is added)

16 26 36 46 **56** **66** **76** (Here, 10 is added)

110 120 130 140 **150** **160** **170** (Here, 10 is added)

55 60 65 70 75 80 85 (Here, 5 is added)
 23 33 43 53 63 73 83 (Here, 10 is added)

3. Complete the following letters and number patterns :

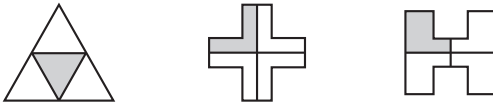
Aa Bb Cc **Dd** Ee Ff
 A1 B2 C3 **D4** E5 F6
 1a 2b 3c **4d** 5e 6f
 110 120 130 **140** 150 160 (Here, 10 is added)

Unit Ten : Fractions



Mental Maths

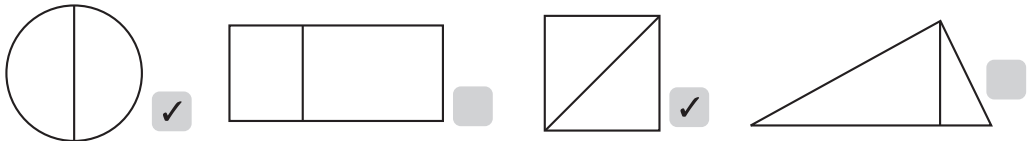
1. Shade or colour one-fourth ($\frac{1}{4}$) of each figure :



2. Match the following :

- a. $\frac{1}{2}$ → One-third
 b. $\frac{1}{4}$ → Half
 c. $\frac{1}{3}$ → One-fourth

1. Tick (✓) the figures which are divided into 2 equal parts and cross the other.



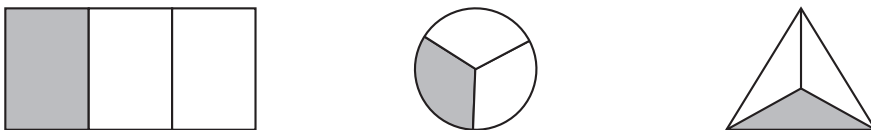
2. Colour one-half of each of the following shapes :



3. Tick (✓) the figures which are divided into 3 equal parts and cross the other :



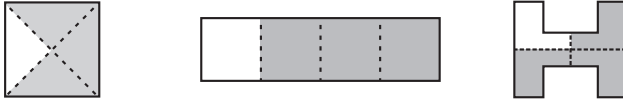
4. Colour the one-third for each of the following :



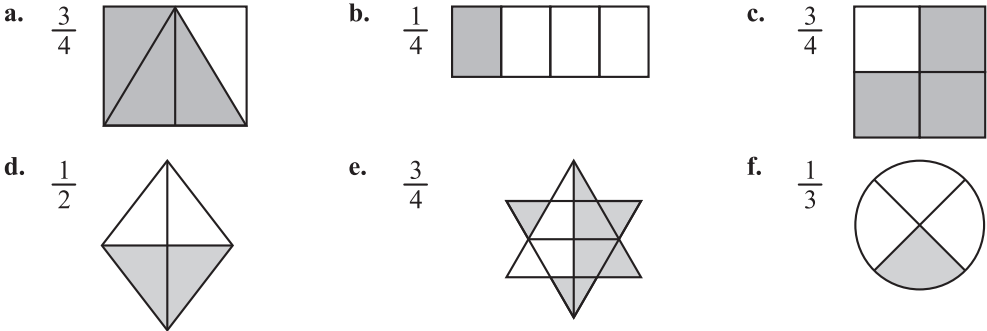
5. Colour one-fourth of each figure :



6. Colour three-fourth of each figure :



7. Colour the figures to match the given fraction :



Let's Review

1. Tick (✓) the correct choice :

- a. i. ✓ b. iii. ✓ c. i. ✓ d. iv. ✓

2. Circle the fraction in number and words that match the figure:

a.		One-tows	One-half	$\frac{2}{1}$	$\frac{1}{2}$
b.		$\frac{1}{4}$	One-fourth	$\frac{1}{2}$	One-fours
c.		$\frac{1}{2}$	One-third	$\frac{1}{3}$	One-threes

3. Cross the fractional part that does not belong in each row :

a.			One-third	
b.	One-half			
c.	Three-fourth			

Unit Eleven : Time and Calendar



Clock

Write the time shown in the clock :

Ans. Vishal wakes up at 6 o'clock.



He leaves for school at 7 o'clock.

He takes his lunch in school at 1 o'clock.



He returns from the school at 2 o'clock.

He does his homework at 4 o'clock.



He goes out to play at 5 o'clock.

He takes his dinner at 8 o'clock.



He goes to bed at 9 o'clock.

Time in Half Past the Hour

1. Write the time shown by the clocks :



Half past 9 o'clock

or

9 : 30



Half past 2 o'clock

or

2 : 30



Half past 4 o'clock

or

4 : 30



Half past 11 o'clock

or

11 : 30



Half past 7 o'clock

or

7 : 30



Half past 10 o'clock

or

10 : 30

2. Draw the hands of the clock to show the given time :



6 : 30



9 : 30



3 : 30

Time in Quarter Past

1. Write the time by seeing the hour and minute hands :



Quarter
past 6 or 6:15



Quarter
past 11 or 11:15



Quarter
past 9 or 9:15



Quarter
past 8 or 8:15



Quarter
past 4 or 4:15



Quarter
past 1 or 1:15

2. Draw the hands to show the correct time :



Quarter
past 4 or 4:15



Quarter
past 2 or 2:15



Quarter
past 10 or 10:15



Quarter
past 3 or 3:15



Quarter
past 8 or 8:15



Quarter
past 7 or 7:15

Time in Quarter to the Hour

1. Write the time shown by the clocks :



12 : 45

or

Quarter to 1



5 : 45

or

Quarter to 6



10 : 45

or

Quarter to 11



6 : 45

or

Quarter to 7



3 : 45

or

Quarter to 4



7 : 45

or

Quarter to 8

2. Draw hands on the clocks to show the time :



6 : 45



9 : 45



Quarter to 8

Mental Maths

There will be Friday on 22nd May.

The Last Sunday on May on 31th May.

1. Fill in the blanks :

The first day of the week is **Monday**.

Friday is the fifth day of the week.

The seventh day of the week is **Sunday**.

Wednesday comes before **Thursday**.

Sunday comes after Saturday.

Tuesday is the second day of the week.

2. Complete the names of the days of the week :

M O N D A Y

W E D N E S D A Y

S U N D A Y

T H U R S D A Y

T U E S D A Y

S A T U R D A Y

3. Complete the table with the correct days :

Yesterday	Today	Tomorrow
Saturday	Sunday	Monday
Monday	Tuesday	Wednesday
Wednesday	Thursday	Friday
Friday	Saturday	Sunday

Yesterday	Today	Tomorrow
Sunday	Monday	Tuesday
Tuesday	Wednesday	Thursday
Thursday	Friday	Saturday

Months in a Year

1. Name the following months :

The month with 28/29 days **February**

The month which comes after June **July**

The first month of the year is **January**

The seventh month of the year is **July**

The shortest month of the year is **February**

The month which comes after March **April**

The month which comes before February **January**

The fourth month of the year is **April**

The second last month of the year is **November**

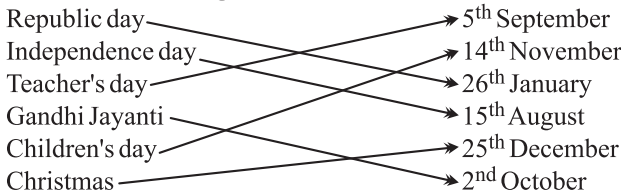
2. Name any two months which have 30 days : April, November

3. Name any two months which have 31 days :

January

December

4. Match the following :



Hots

Unscramble the word.

a. Days of the week.

UDETAYAS → TUESDAY
 ATDURAYS → SATURDAY

b. Months of the year

REBRAFYU → FEBRUARY
 OEVBMBNER → NOVEMBER

Project

Do it yourself.

Let's Review

1. Tick (✓) the correct choice :

a. iii. ✓ b. iii. ✓ c. ii. ✓ d. iii. ✓ e. i. ✓

2. Match the correct time to the clocks :



half past 4



Quarter past 1



10 o'clock



Quarter to 7

3. Fill in the blanks :

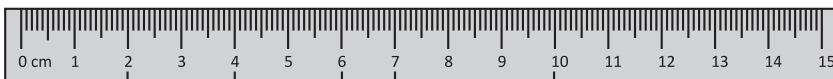
- a. There are **7 days** in a week. b. If yesterday was Thursday then tomorrow will be **Saturday**.
 c. A leap year has **366** days.
 d. On a clock, the hour hand is between 9 and 10 and the minute hand is at 6, the time shown by the clock is **9:30**.
 e. **October** is the tenth month of the year.

Unit Twelve : Measurement



Measurement of Length

1. Look at this ruler and write the length of each of these objects :



2 cm



4 cm



6 cm



7 cm



10 cm

2. Tick (✓) the unit you will use to measure each of these objects :

Objects	m	cm	km
Length of a spoon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Height of a girl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distance between two cities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Objects	m	cm	km
Length of a bus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Length of a book	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Height of a tree	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Converting Metres and Centimetres

Convert into centimetres :

$$\therefore 1 \text{ m} = 100 \text{ cm}$$

$5 \text{ m} = 5 \times 100 \text{ cm} = \mathbf{500} \text{ cm}$	$8 \text{ m} = 8 \times 100 \text{ cm} = \mathbf{800} \text{ cm}$	$10 \text{ m} = 10 \times 100 \text{ cm} = \mathbf{1000} \text{ cm}$
$4 \text{ m} = 4 \times 100 \text{ cm} = \mathbf{400} \text{ cm}$	$6 \text{ m} = 6 \times 100 \text{ cm} = \mathbf{600} \text{ cm}$	$7 \text{ m} = 7 \times 100 \text{ cm} = \mathbf{700} \text{ cm}$
$4 \text{ m } 25 \text{ cm} = 4 \times 100 + 25 \text{ cm} = \mathbf{425} \text{ cm}$	$7 \text{ m } 70 \text{ cm} = 7 \times 100 + 70 \text{ cm} = \mathbf{770} \text{ cm}$	
$9 \text{ m } 38 \text{ cm} = 9 \times 100 + 38 \text{ cm} = \mathbf{938} \text{ cm}$	$1 \text{ m } 5 \text{ cm} = 1 \times 100 + 5 \text{ cm} = \mathbf{105} \text{ cm}$	
$2 \text{ m } 65 \text{ cm} = 2 \times 100 + 65 \text{ cm} = \mathbf{265} \text{ cm}$	$5 \text{ m } 15 \text{ cm} = 5 \times 100 + 15 \text{ cm} = \mathbf{515} \text{ cm}$	
$3 \text{ m } 14 \text{ cm} = 3 \times 100 + 14 \text{ cm} = \mathbf{314} \text{ cm}$	$5 \text{ m } 02 \text{ cm} = 5 \times 100 + 2 \text{ cm} = \mathbf{502} \text{ cm}$	
$8 \text{ m } 10 \text{ cm} = 8 \times 100 + 10 \text{ cm} = \mathbf{810} \text{ cm}$		

Convert into metres and centimetres :

$$\therefore 1 \text{ m} = \frac{1}{100} \text{ cm}$$

$$\therefore 1 \text{ km} = 1000 \text{ m}$$

$500 \text{ cm} = \mathbf{5} \text{ m}$

$700 \text{ cm} = \mathbf{7} \text{ m}$

$1000 \text{ cm} = \mathbf{10} \text{ m}$

$100 \text{ cm} = \mathbf{1} \text{ m}$

$200 \text{ cm} = \mathbf{2} \text{ m}$

$900 \text{ cm} = \mathbf{9} \text{ m}$

$$\begin{array}{r}
 650 \text{ cm} = 6 \quad 50 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{6 \text{ m } 50 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 730 \text{ cm} = 7 \quad 30 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{7 \text{ m } 30 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 452 \text{ cm} = 4 \quad 52 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{4 \text{ m } 52 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 575 \text{ cm} = 5 \quad 75 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{5 \text{ m } 75 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 305 \text{ cm} = 3 \quad 05 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{3 \text{ m } 5 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 780 \text{ cm} = 7 \quad 80 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{7 \text{ m } 80 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 811 \text{ cm} = 8 \quad 11 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{8 \text{ m } 11 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 415 \text{ cm} = 4 \quad 15 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{4 \text{ m } 15 \text{ cm}}
 \end{array}$$

$$\begin{array}{r}
 608 \text{ cm} = 6 \quad 08 \\
 \quad \quad \downarrow \quad \downarrow \\
 \quad \quad \text{m} \quad \text{cm} \\
 = \mathbf{6 \text{ m } 8 \text{ cm}}
 \end{array}$$

Addition and Subtraction of Units of Length

Add the following :

$\begin{array}{r} \text{m} \quad \text{cm} \\ 2 \quad 45 \\ + 3 \quad 10 \\ \hline 5 \quad 55 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \textcircled{1} \quad \textcircled{1} \\ 3 \quad 78 \\ + 4 \quad 45 \\ \hline 8 \quad 23 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 10 \quad 14 \\ + 12 \quad 05 \\ \hline 22 \quad 19 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 15 \quad 40 \\ + 23 \quad 49 \\ \hline 38 \quad 89 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \\ 3 \quad 25 \\ + 4 \quad 25 \\ \hline 7 \quad 50 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 6 \quad 70 \\ + 3 \quad 15 \\ \hline 9 \quad 85 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 5 \quad 56 \\ + 1 \quad 32 \\ \hline 6 \quad 88 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 12 \quad 40 \\ + 6 \quad 42 \\ \hline 18 \quad 82 \end{array}$
$\begin{array}{r} \text{m} \quad \text{cm} \\ 23 \quad 42 \\ + 45 \quad 57 \\ \hline 68 \quad 99 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \\ 33 \quad 12 \\ + 45 \quad 9 \\ \hline 78 \quad 21 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 40 \quad 10 \\ + 45 \quad 35 \\ \hline 85 \quad 45 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \\ 123 \quad 45 \\ + 28 \quad 10 \\ \hline 151 \quad 55 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \textcircled{1} \quad \textcircled{1} \\ 5 \quad 36 \\ + 4 \quad 74 \\ \hline 10 \quad 10 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \quad \textcircled{1} \\ 12 \quad 48 \\ + 13 \quad 55 \\ \hline 26 \quad 03 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \quad \textcircled{1} \\ 28 \quad 95 \\ + 36 \quad 42 \\ \hline 65 \quad 37 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\ 55 \quad 55 \\ + 45 \quad 45 \\ \hline 101 \quad 00 \end{array}$

Subtract the following :

$\begin{array}{r} \text{m} \quad \text{cm} \\ 10 \quad 48 \\ - 5 \quad 28 \\ \hline 5 \quad 20 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ 7 \quad 15 \\ - 2 \quad 10 \\ \hline 5 \quad 05 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \textcircled{0} \quad \textcircled{1} \quad \textcircled{2} \quad \textcircled{13} \\ \cancel{12} \quad \cancel{11} \\ - 8 \quad 19 \\ \hline 3 \quad 14 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{12} \quad \textcircled{11} \\ \textcircled{1} \quad \cancel{12} \quad \cancel{11} \\ \cancel{12} \quad \cancel{11} \\ - 18 \quad 98 \\ \hline 3 \quad 14 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \quad \textcircled{7} \quad \textcircled{15} \\ 0 \quad \cancel{88} \\ - 0 \quad 36 \\ \hline 0 \quad 49 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \quad \textcircled{1} \quad \textcircled{13} \\ \cancel{12} \quad \cancel{11} \quad 00 \\ - 14 \quad 00 \\ \hline 9 \quad 00 \end{array}$
$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{2} \quad \textcircled{10} \\ 47 \quad \cancel{88} \\ - 33 \quad 28 \\ \hline 14 \quad 02 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{4} \quad \textcircled{17} \\ \cancel{47} \quad 45 \\ - 29 \quad 15 \\ \hline 28 \quad 30 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \quad \textcircled{5} \quad \textcircled{15} \\ 58 \quad \cancel{88} \\ - 23 \quad 46 \\ \hline 35 \quad 19 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{6} \quad \textcircled{18} \quad \textcircled{4} \quad \textcircled{17} \\ \cancel{68} \quad \cancel{47} \\ - 49 \quad 38 \\ \hline 29 \quad 19 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \quad \textcircled{7} \quad \textcircled{10} \\ 39 \quad \cancel{88} \\ - 38 \quad 79 \\ \hline 1 \quad 01 \end{array}$	$\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{4} \quad \textcircled{17} \\ \cancel{47} \quad 49 \\ - 29 \quad 12 \\ \hline 28 \quad 37 \end{array}$

Word Problems

Solve the following :

- | | |
|---|--|
| | $\begin{array}{r} \text{m} \quad \text{cm} \\ \quad \quad \textcircled{1} \\ 6 \quad 27 \\ + 9 \quad 36 \\ \hline 15 \quad 63 \end{array}$ |
| 1. Length of one piece of rope = | |
| Length of other piece of rope = | + 9 36 |
| So, the total length of the rope | 15 m 63 |
| Thus, the total length of the rope is 15 m 63 cm. | |
| 2. Total length of a cloth = | 64 m |
| Length of sold cloth = | - 34 m |
| Remaining cloth | 30 m |
| Thus, 30 m cloth is left. | |
| 3. The length of one carpet = | $\textcircled{1}$ 41 m 50 cm |
| The length of other carpet = | + 39 m 16 cm |
| So, the total length of both the carpets | 80 m 66 cm |
| Hence, 80 m 66 cm is the total length of both the carpets together. | |
| 4. Total length of a pipe = | 39 m 40 cm |
| Length of cut piece = | - 18 m 30 cm |
| Remaining length of pipe | 21 m 10 cm |
| Thus, 21 m 10 cm is the length of the pipe now. | |

5. The length of Adi's toy train = 28 cm
 The length of vrun's train = - 14 cm
 Difference **14 cm**
 Hence, 14 cm is the difference between the length of two train.
6. The length of wire = 56 m 80 cm
 Used wire for fencing = - 50 m 40 cm
 Wire left **6 m 40 cm**
 Hence, the length of wire is 6 m 40 cm left with him.

Measuring Weight (or Mass)

1. What will you use to measure the weight of the following?



Kilogram



gram



gram



gram



gram



gram

2. Find the weight of the following items :



1 kg



5 kg

Addition and Subtraction of Units of Weight

1. Add the following :

kg	g
45	236
+ 27	155
72	391

kg	g
28	450
+ 24	255
52	705

kg	g
47	139
+ 37	525
84	664

kg	g
46	357
+ 89	049
135	406

kg	g
35	550
+ 53	468
89	018

kg	g
48	525
+ 42	780
91	305

kg	g
65	680
+ 09	725
75	405

kg	g
48	555
+ 36	445
85	000

2. Subtract the following :

kg	g
59	450
- 24	230
35	220

kg	g
55	415
- 44	407
11	148

kg	g
60	414
- 36	255
34	290

kg	g
65	689
- 66	439
9	250

kg	g
1	13
52	235
- 30	430
21	905

kg	g
14	1414
42	2215
58	588
- 46	777
8	778

kg	g
17	118
67	2218
78	298
- 38	499
39	799

kg	g
9	99
40	1010
50	1000
- 25	555
24	445

Word Problems

Solve the following :

1. Weight of 1st boy = 27 kg
 Weight of 2nd boy = 36 kg
 Weight of 3rd boy = + 35 kg
 Total weight = **98 kg**

Hence, 98 kg is their total weight.

2. Mr Kapoor has sugar = 8 kg 560 g
 He bought more sugar = + 10 kg 000 g
 Total quantity of sugar = **18 kg 560 g**
 Hence, 18 kg 560 g is the total weight of sugar with him.
3. Radhika has ice-cream = 26 kg 400 g
 She give her friend = - 2 kg 200 g
 Remaining ice-cream = **24 kg 200 g**
 Hence, 24 kg 200 g ice-cream is left with her.
4. Weight of wood = 258 kg 950 g
 Weight of block wood = - 46 kg 400 g
 So, remaining wood block = **212 kg 550 g**
 Thus, 212 kg 550 is the weight of the remaining wood block.

Measuring Capacity

Tick (✓) the object which contain more capacity :



Write whether the capacities of the following things are measured in ml or l :

- Water in a swimming pool **litres**
 Soup in a bowl **millilitres**
 Medicine in a tablespoon **litres**
 Milk in a baby's feeding bottle **millilitres**
 Water in a tank **litres**
 Water in a glass **millilitres**
 Honey in a small bottle **litre**

Addition and Subtraction of Units of Capacity

1. Add the following :

$\begin{array}{r} l \quad ml \\ 6 \quad 250 \\ + 2 \quad 432 \\ \hline 8 \quad 682 \end{array}$	$\begin{array}{r} l \quad ml \\ 25 \quad 150 \\ + 44 \quad 400 \\ \hline 69 \quad 550 \end{array}$	$\begin{array}{r} l \quad ml \\ 8 \quad 170 \\ + 4 \quad 120 \\ \hline 12 \quad 290 \end{array}$	$\begin{array}{r} l \quad ml \\ 22 \quad 650 \\ + 18 \quad 339 \\ \hline 40 \quad 989 \end{array}$	$\begin{array}{r} l \quad ml \\ 35 \quad 450 \\ + 3 \quad 375 \\ \hline 38 \quad 825 \end{array}$	$\begin{array}{r} l \quad ml \\ 42 \quad 650 \\ + 36 \quad 250 \\ \hline 78 \quad 900 \end{array}$
$\begin{array}{r} l \quad ml \\ 36 \quad 900 \\ + 6 \quad 50 \\ \hline 42 \quad 950 \end{array}$	$\begin{array}{r} l \quad ml \\ 58 \quad 560 \\ + 26 \quad 236 \\ \hline 84 \quad 796 \end{array}$	$\begin{array}{r} l \quad ml \\ 42 \quad 850 \\ + 10 \quad 750 \\ \hline 53 \quad 600 \end{array}$	$\begin{array}{r} l \quad ml \\ 33 \quad 400 \\ + 40 \quad 600 \\ \hline 74 \quad 000 \end{array}$	$\begin{array}{r} l \quad ml \\ 88 \quad 555 \\ + 9 \quad 455 \\ \hline 98 \quad 000 \end{array}$	$\begin{array}{r} l \quad ml \\ 77 \quad 777 \\ + 22 \quad 333 \\ \hline 100 \quad 110 \end{array}$

2. Subtract the following :

$\begin{array}{r} l \quad ml \\ 6 \quad 750 \\ - 3 \quad 200 \\ \hline 3 \quad 550 \end{array}$	$\begin{array}{r} l \quad ml \\ 19 \quad 150 \\ - 10 \quad 50 \\ \hline 9 \quad 100 \end{array}$	$\begin{array}{r} l \quad ml \\ 64 \quad 842 \\ - 14 \quad 281 \\ \hline 50 \quad 261 \end{array}$	$\begin{array}{r} l \quad ml \\ 47 \quad 685 \\ - 10 \quad 343 \\ \hline 37 \quad 342 \end{array}$	$\begin{array}{r} l \quad ml \\ 28 \quad 725 \\ - 17 \quad 420 \\ \hline 11 \quad 305 \end{array}$	$\begin{array}{r} l \quad ml \\ 9 \quad 99 \\ 60 \\ 70 \\ - 6 \quad 666 \\ \hline 63 \quad 334 \end{array}$
---	--	--	--	--	---

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 48 \quad \overset{53}{\cancel{630}} \\
 - 11 \quad 550 \\
 \hline
 37 \quad 080
 \end{array}$$

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 64 \quad 14 \\
 \overset{75}{\cancel{64}} \quad \overset{14}{\cancel{14}} \\
 - 49 \quad 555 \\
 \hline
 25 \quad 902
 \end{array}$$

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 4 \quad 17 \\
 \overset{75}{\cancel{4}} \quad \overset{17}{\cancel{17}} \\
 - 50 \quad 695 \\
 \hline
 24 \quad 880
 \end{array}$$

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 415 \quad 810 \\
 \overset{36}{\cancel{415}} \quad \overset{99}{\cancel{810}} \\
 - 36 \quad 99 \\
 \hline
 19 \quad 891
 \end{array}$$

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 17 \quad 117 \\
 \overset{57}{\cancel{17}} \quad \overset{117}{\cancel{117}} \\
 - 38 \quad 399 \\
 \hline
 29 \quad 899
 \end{array}$$

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 217 \quad 410 \\
 \overset{27}{\cancel{217}} \quad \overset{10}{\cancel{410}} \\
 - 28 \quad 251 \\
 \hline
 9 \quad 279
 \end{array}$$

Word Problems

Solve the following :

- Raghuram filled milk in bottle = 10 l 500 ml
 Dinesh also filled milk in the same bottle = + 5 l 250 ml
 So, the total quantity of milk = **15 l 750 ml**
 Hence, they filled 15 l 750 ml of milk in all.
- Container has oil = 2 l 350 ml
 More oil was poured into it = + 16 l 136 ml
 So, the total quantity to oil = **18 l 486 ml**
 Thus, the container have 18 l 486 ml of oil now.
- Total quantity of milk = 12 l 500 ml
 Quantity of sold milk = - 8 l 500 ml
 Remaining quantity of milk = **4 l 000 ml**
 Thus, 4 l of milk was left for his family.
- A water tanker has water = 76 l ³⁰~~400~~ ml
 The quantity of used water = - 42 l 350 ml
 So, remaining wood block = **34 l 50 ml**
 Thus, the quantity of water is 34 l 50 ml left in the tanker.
- A car has oil = ⁵⁰~~60~~ l
 The quantity of used oil = - 28 l
 So, remaining oil = **32 l**
 Thus, the quantity of oil was 32 l left in the car.

Let's Review

1. What unit will you use to measure the following? Put a tick (✓) on the correct answer :

- | | | | |
|-----------------------------------|-------|-------------------------|-------|
| a. An apple | ✓g/kg | b. A glass of water | ✓mL/L |
| c. The length of your mom's saree | cm/m✓ | d. A water storage tank | mL/L✓ |
| e. A length of a comb | ✓cm/m | | |

2. Add the following :

a.

$$\begin{array}{r}
 \text{m} \quad \text{cm} \\
 3 \quad 70 \\
 + 2 \quad 50 \\
 \hline
 6 \quad 20
 \end{array}$$

b.

$$\begin{array}{r}
 \text{kg} \quad \text{g} \\
 19 \quad 125 \\
 + 9 \quad 639 \\
 \hline
 28 \quad 764
 \end{array}$$

c.

$$\begin{array}{r}
 \text{l} \quad \text{ml} \\
 7 \quad 80 \\
 + 2 \quad 195 \\
 \hline
 9 \quad 275
 \end{array}$$

d.

$$\begin{array}{r}
 \text{m} \quad \text{cm} \\
 42 \quad 16 \\
 + 18 \quad 90 \\
 \hline
 61 \quad 06
 \end{array}$$

3. Subtract the following :

a.

m	cm
17	17
0	17
18	75
- 9	80
8	95

b.

kg	g
12	10
6	10
73	05
- 29	45
43	60

c.

kg	g
	1014
3	10
4	130
- 2	485
1	665

d.

l	ml
	1316
7	1316
18	475
- 12	678
5	797

4. Tick (✓) the correct choice :

- a. i. ✓ b. iii. ✓ c. i. ✓

Unit Thirteen : Money



Changing Money

Answer the following questions :

- How many paise are there in ₹ 1? **100p** How many 25 paise coins are there in ₹ 1? **4**
 How many 50 paise coins are there in ₹ 1? **2** How many 10 paise coins are there in ₹ 1? **10**
 How many paise are there in ₹ 5? **500p** How many 5 paise coins are there in ₹ 1? **20**
 How many ₹ 5 coins are there in ₹ 10? **2** How many ₹ 20 notes there in ₹ 60? **3**

Writing Rupees and Paise

1. Write in numbers :

- Nine rupees and fifty paise = ₹ **9.50** Seven rupees and sixty paise = ₹ **7.60**
 Fifty rupees and sixty paise = ₹ **50.60** Two rupees and seventy-paise = ₹ **2.70**
 Eight rupees and seventy five paise = ₹ **8.75** Twenty-five rupees and fifty five paise = ₹ **25.55**

2. Write in words :

- ₹ 5.25 = **five rupees and twenty-five paise**
 ₹ 17.35 = **Seventeen rupees and thirty five paise**
 ₹ 8.10 = **Eight rupees and ten paise**
 ₹ 70.90 = **Seventy rupees and ninety paise**
 ₹ 50.30 = **Fifty rupees and thirty paise**
 ₹ 250.50 = **Two hundred fifty rupees and fifty paise.**

Conversion of Rupees to Paise and Vice Versa

1. Convert into paise :

(To convert rupees into paise you simply have to put two zeros on the right.)

₹ 3 = **300 p** ₹ 6 = **600 p** ₹ 7 = **700 p** ₹ 9 = **900 p** ₹ 4 = **400 p** ₹ 8 = **800 p**

(First convert the rupees into paise, then add the paise.)

₹ 7 and 85 p = **700 p** + **85 p** = **785 p**
 ₹ 5 and 40 p = **500 p** + **40 p** = **540 p**
 ₹ 9 and 75 p = **900 p** + **75 p** = **975 p**
 ₹ 1 and 10 p = **100 p** + **10 p** = **110 p**
 ₹ 4 and 50 p = **400 p** + **50 p** = **450 p**

2. Convert into rupees :

600 p = ₹ **6** 100 p = ₹ **1** 900 p = ₹ **9** 700 p = ₹ **7** 300 p = ₹ **3** 400 p = ₹ **4**

(The last two digit on the right show the paise.)

650 p = ₹ **6** and **50** p 725 p = ₹ **7** and **25** p
 150 p = ₹ **1** and **50** p 250 p = ₹ **2** and **50** p
 480 p = ₹ **4** and **80** p 920 p = ₹ **9** and **20** p

505 p = ₹ 5 and 5 p 375 p = ₹ 3 and 75 p

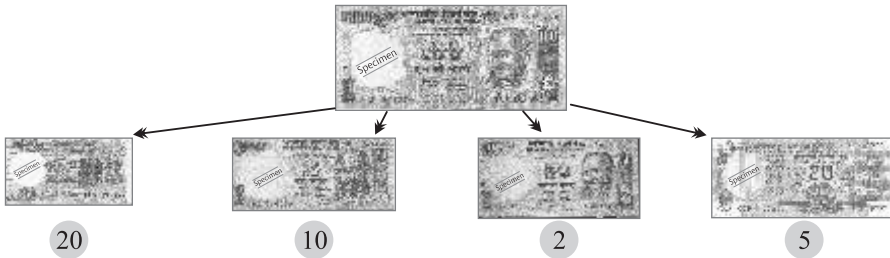
Addition of Rupees and Paise

Add :

₹ p 4 50 + 3 25 7 75	₹ p 1 1 5 85 + 2 15 8 00	₹ p 1 1 3 85 + 2 75 6 60	₹ p 1 45 60 + 31 45 77 05	₹ p 91 30 + 16 20 107 50	₹ p 1 1 34 25 + 16 25 50 50	₹ p 11 1 216 25 + 29 75 246 00	₹ p 11 248 50 + 97 35 345 85
₹ p 1 1 271 25 + 264 65 535 90	₹ p 1 25 80 + 33 25 59 05	₹ p 11 44 60 + 9 45 54 05	₹ p 11 68 60 + 29 45 98 05	₹ p 11 1 38 39 + 58 79 97 18	₹ p 1 1 60 40 + 40 60 101 00	₹ p 1 62 26 + 58 52 120 78	₹ p 1 26 50 + 27 20 53 70

Mental Maths

Write the number of notes you would need of each kind to make ₹100.



Subtraction of Rupees and Paise

Add :

₹ p 7 65 - 2 15 5 50	₹ p 610 6 70 - 3 35 3 35	₹ p 4 85 - 2 60 2 25	₹ p 8 12 29 25 - 16 85 12 40	₹ p 14 17 24 70 28 80 - 09 95 25 85	₹ p 14 24 15 28 85 - 25 95 9 60	₹ p 810 96 00 - 35 75 61 15	₹ p 113 123 85 - 99 65 24 20
₹ p 1512 1571 18 267 80 - 183 90 79 90	₹ p 25 45 - 13 25 12 20	₹ p 49 75 - 24 25 25 50	₹ p 410 57 80 - 27 25 30 25	₹ p 78 65 - 66 45 12 20	₹ p 5 10 56 05 - 25 50 30 55	₹ p 9 1016 206 65 - 108 45 98 20	₹ p 510 312 160 22 - 56 38 104 04

Word Problems on Addition and Subtraction of Money

Solve the following :

1. Parul has the amount = ₹ 188
 Cost to dress = ₹ 157
 Money left = ₹ 28
 Thus, ₹28 is left with her.

2. Arsh has the amount = ₹ 150
 Adish has the amount = + ₹ 179
 So, the total amount = ₹ 329
 Thus, he gave ₹ 329 them in all.
3. Cost of a magazine = ₹ 54
 Cost of an exercise book = + ₹ 16
 So, the cost of both items = ₹ 70
 Thus, he spent ₹ 70 in all.
4. Rajnish has the amount = ₹ 200
 Cost of a toy car = - ₹ 89
 Remaining amount = ₹ 111
 Thus, ₹ 111 is left with Rajnish.

Let's Review

1. Write in figure :
- a. Fifty-eight rupees and ninety-eight paise = ₹ 58.98
 b. Two hundred forty rupees and eight paise = ₹ 240.08
 c. Ninety rupees and five paise = ₹ 90.05

2. Add the following :

a.

₹	p
62	50
+ 35	25
97	75

b.

₹	p
245	35
+ 87	40
332	75

c.

₹	p
135	25
+ 75	45
210	70

3. Subtract the following :

a.

₹	p
28	58
- 15	25
13	33

b.

₹	p
815	75
+ 59	50
36	25

c.

₹	p
274	65
- 143	40
131	25

4. Tick (✓) the correct choice :

1. iii. ✓ 2. iii. ✓ 3. i. ✓ 4. ii. ✓

Unit Fourteen : Data Handling



Make the list of the following things :

- a. How many oranges are there? 8
 b. How many more apples than mangoes? 7
 c. How many total fruits are there? 32

Representing Data

Now look at picture and answer the following questions





- Which item was collected by the most number of students?
 Which item was collected by the least number of students?
 Isn't it more fun when numbers are shown as pictures?

Stamps
 Feathers
 yes, it is

What the teacher drew is known as a pictograph. **yes**

A pictograph represents numbers as pictures. **yes**

Count the number of each animal and colour the same number of blocks for each animal :

Animal	Number
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Fill in the blanks :

a. The animal present in the largest number is **dog**. **b.** There are **4** rat in the picture.

c. The animal present in the smallest number is **rabbit**.

2. **Study the graph carefully. Then write the correct answer in each blank:**

Which is the most popular game?

Cricket

Which is the least popular game?

Volley ball

How many more students play football than basketball?

5 students

How many students play volleyball?

20 students

What is the total number of students who play badminton and football?

45 students

3. **Study the picture graph carefully. Then fill in the blanks with the correct answer :**

Dhani has the most number of apples.

Nadiya has the least number of apples.

Manjo has **8** apples.

Pradeep has 4 apples more than Nadiya.

4. **Now answer the following questions :**

Which animal is liked by most children?

Dog

Which animal is liked by least children?

Turtle

Which two pets are liked by equal number of children?

Rabbit, fish

How many more children like dogs than cats?

2 children

5. **Sachin and Tony went to the zoo and saw some animals. They paste animals sticker to show the number of each animal. Count the stickers and answer the questions that follow :**

How many elephants are there?

6 elephants

Which animal was found in most numbers in the zoo?

Monkey

How many Zebras and Giraffes were there in all?

9

How many more monkeys are there than zebra?

4

Let's Review

1. **Take a look at Manjit's collection of books. Make a list of different kinds of books he has.**

Books Number of books

Story books **4**

Drawing books **6**

Poem books **5**

Comic books **6**

Now, observe the table and answer the questions :

a. How many more drawing books than poem books does Manjit have?

1

b. How many less story books than comic books does Manjit have?

2

c. How many books does Manjit have in all?

21

d. Do you think Manjit likes reading?

Yes

Project

Do it yourself.