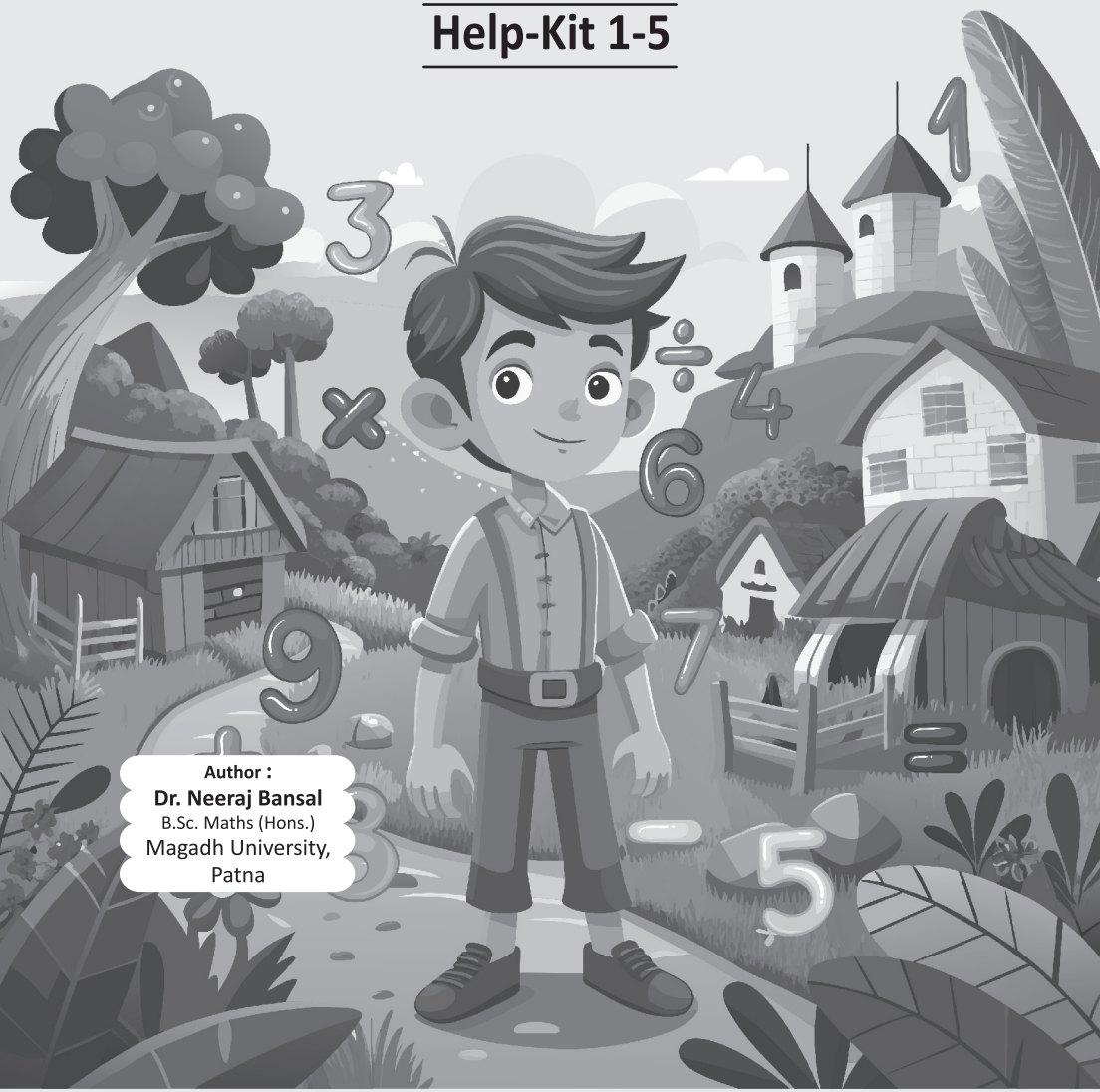
Advance Maths

Help-Kit 1-5



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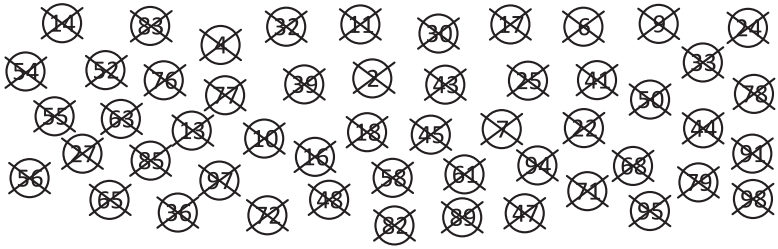
Maths-2

Chapter 1 : Let's Revise

1. Place the numbers in the correct box. One example is done for you.

1	11	21	31	41	51	61	71	81	91
②	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	—	83	93
4	14	24	34	44	54	64	—	84	94
5	15	25	35	45	55	50	—	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	—	48	58	68	78	88	98
9	19	29	39	49	—	69	79	89	99
10	20	30	40	50	60	70	—	90	END

Strike out the numbers as you place them in the grid.



2. Form the numbers and write their number names.

a.	60 + 6	=	66	Sixty Six
b.	10 + 4	=	14	Fourteen
c.	50 + 3	=	53	Fifty three
d.	70 –7	=	63	Sixty three
e.	40 – 8	=	32	Thirty two
f.	90 – 2	=	88	Eighty Eight
g.	5 × 7	=	35	Thirty five
h.	4 × 6	=	24	Twenty four
i.	9 × 8	=	72	Seventy two

3. Write the numbers and number names.

a.	the smallest 1-digit number	1	one
b.	the greatest 1-digit number	9	Nine
c.	the smallest 2-digit number	10	Ten
d.	the greatest 2-digit number	99	Ninety nine

4. Find the bigger and smallest number in each of these boxes. Write S for smaller number and B for bigger number in the empty boxes.

a.

15	18
S	B

b.

71	8
B	S

c.

67	39
B	S

d.

99	9
B	S

e.

6	66
S	B

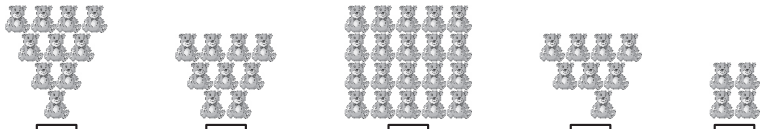
5. **Count the pencils and write their numbers.**

8	4	9	9

Now, write the numbers in increasing order.

4	8	9	9

6. **Count the teddy bears and write their numbers.**



10	9	20	8	4

Now, write the numbers in decreasing order.

20	10	90	80	4

7. **Circle the greatest number and cross (×) the smallest number in each group.**

a. (25) (~~8~~) (47) (36)

b. (~~19~~) (35) (99) (21)

c. (~~13~~) (33) (53) (73)

d. (~~5~~) (15) (25) (35)

8. **Hariti's roll number is 12. Razia's roll number comes after Hariti's. What is Razia's roll number?**

Razia's roll number is 13. .

9. **Fill in the blanks boxes.**

Before	
83	84
32	33
66	67
8	9
51	52
97	98
75	76

Between		
9	10	11
33	34	35
17	18	19
41	42	43
97	98	99
22	23	24
65	66	67

After	
39	40
91	92
57	58
73	74
12	13
28	29
44	45

10. **Write the correct spellings of the following number names.**

a. Sixty-tow : **Sixty-two**

b. Fourty : **Forty**

c. Sevanteen : **Seventeen**

d. Forteen : **Fourteen**

e. Ninety-four : **Ninety-four**

f. Fifty : **Fifty**

11. **Follow the pattern and fill in the boxes.**

a. 55, 45, 35, 25, 15, 5, 0

b. 169, 269, 369, 469, 569, 669, 769

c. 210, 215, 220, 225, 230, 235, 240

12. Add :

a.
$$\begin{array}{r} 15 \\ +\ 28 \\ \hline 43 \end{array}$$

b.
$$\begin{array}{r} 56 \\ +\ 42 \\ \hline 98 \end{array}$$

c.
$$\begin{array}{r} 37 \\ +\ 14 \\ \hline 51 \end{array}$$

d.
$$\begin{array}{r} 74 \\ +\ 33 \\ \hline 107 \end{array}$$

e.
$$\begin{array}{r} 67 \\ +\ 19 \\ \hline 86 \end{array}$$

f.
$$\begin{array}{r} 82 \\ +\ 16 \\ \hline 98 \end{array}$$

g.
$$\begin{array}{r} 48 \\ +\ 56 \\ \hline 104 \end{array}$$

h.
$$\begin{array}{r} 23 \\ +\ 66 \\ \hline 89 \end{array}$$

i.
$$\begin{array}{r} 36 \\ +\ 41 \\ \hline 77 \end{array}$$

j.
$$\begin{array}{r} 21 \\ +\ 19 \\ \hline 40 \end{array}$$

k.
$$\begin{array}{r} 53 \\ +\ 50 \\ \hline 103 \end{array}$$

l.
$$\begin{array}{r} 87 \\ +\ 45 \\ \hline 132 \end{array}$$

m.
$$\begin{array}{r} 36 \\ +\ 25 \\ \hline 61 \end{array}$$

n.
$$\begin{array}{r} 15 \\ +\ 57 \\ \hline 72 \end{array}$$

o.
$$\begin{array}{r} 48 \\ +\ 32 \\ \hline 80 \end{array}$$

p.
$$\begin{array}{r} 52 \\ +\ 29 \\ \hline 81 \end{array}$$

q.
$$\begin{array}{r} 56 \\ +\ 65 \\ \hline 121 \end{array}$$

r.
$$\begin{array}{r} 75 \\ +\ 57 \\ \hline 132 \end{array}$$

s.
$$\begin{array}{r} 68 \\ +\ 32 \\ \hline 100 \end{array}$$

t.
$$\begin{array}{r} 87 \\ +\ 26 \\ \hline 113 \end{array}$$

u.
$$\begin{array}{r} 43 \\ 36 \\ +\ 57 \\ \hline 136 \end{array}$$

v.
$$\begin{array}{r} 18 \\ 23 \\ +\ 24 \\ \hline 65 \end{array}$$

w.
$$\begin{array}{r} 46 \\ 37 \\ +\ 21 \\ \hline 104 \end{array}$$

x.
$$\begin{array}{r} 78 \\ 63 \\ +\ 31 \\ \hline 172 \end{array}$$

13. Find the difference :

a.
$$\begin{array}{r} 56 \\ -\ 31 \\ \hline 25 \end{array}$$

b.
$$\begin{array}{r} 98 \\ -\ 72 \\ \hline 26 \end{array}$$

c.
$$\begin{array}{r} 80 \\ -\ 51 \\ \hline 29 \end{array}$$

d.
$$\begin{array}{r} 48 \\ -\ 22 \\ \hline 26 \end{array}$$

e.
$$\begin{array}{r} 41 \\ -\ 21 \\ \hline 20 \end{array}$$

f.
$$\begin{array}{r} 65 \\ -\ 45 \\ \hline 20 \end{array}$$

g.
$$\begin{array}{r} 79 \\ -\ 48 \\ \hline 31 \end{array}$$

h.
$$\begin{array}{r} 60 \\ -\ 15 \\ \hline 45 \end{array}$$

i.
$$\begin{array}{r} 90 \\ -\ 45 \\ \hline 45 \end{array}$$

j.
$$\begin{array}{r} 77 \\ -\ 38 \\ \hline 39 \end{array}$$

k.
$$\begin{array}{r} 83 \\ -\ 72 \\ \hline 11 \end{array}$$

l.
$$\begin{array}{r} 63 \\ -\ 42 \\ \hline 21 \end{array}$$

m.
$$\begin{array}{r} 48 \\ -\ 26 \\ \hline 22 \end{array}$$

n.
$$\begin{array}{r} 58 \\ -\ 26 \\ \hline 32 \end{array}$$

o.
$$\begin{array}{r} 98 \\ -\ 34 \\ \hline 64 \end{array}$$

p.
$$\begin{array}{r} 57 \\ -\ 48 \\ \hline 09 \end{array}$$

q.
$$\begin{array}{r} 56 \\ -\ 42 \\ \hline 14 \end{array}$$

r.
$$\begin{array}{r} 86 \\ -\ 34 \\ \hline 52 \end{array}$$

s.
$$\begin{array}{r} 68 \\ -\ 44 \\ \hline 24 \end{array}$$

t.
$$\begin{array}{r} 95 \\ -\ 47 \\ \hline 48 \end{array}$$

u.
$$\begin{array}{r} 90 \\ -\ 48 \\ \hline 42 \end{array}$$

v.
$$\begin{array}{r} 80 \\ -\ 37 \\ \hline 43 \end{array}$$

w.
$$\begin{array}{r} 78 \\ -\ 59 \\ \hline 19 \end{array}$$

x.
$$\begin{array}{r} 85 \\ -\ 69 \\ \hline 16 \end{array}$$

14. Multiply :

a.
$$\begin{array}{r} 24 \\ \times\ \ 3 \\ \hline 72 \end{array}$$

b.
$$\begin{array}{r} 15 \\ \times\ \ 6 \\ \hline 90 \end{array}$$

c.
$$\begin{array}{r} 43 \\ \times\ \ 2 \\ \hline 86 \end{array}$$

d.
$$\begin{array}{r} 61 \\ \times\ \ 4 \\ \hline 244 \end{array}$$

e.
$$\begin{array}{r} 71 \\ \times\ \ 5 \\ \hline 355 \end{array}$$

f.
$$\begin{array}{r} 63 \\ \times\ \ 3 \\ \hline 189 \end{array}$$

g.
$$\begin{array}{r} 70 \\ \times\ \ 6 \\ \hline 420 \end{array}$$

h.
$$\begin{array}{r} 52 \\ \times\ \ 4 \\ \hline 208 \end{array}$$

i.
$$\begin{array}{r} 31 \\ \times\ \ 3 \\ \hline 93 \end{array}$$

j.
$$\begin{array}{r} 38 \\ \times\ \ 2 \\ \hline 76 \end{array}$$

k.
$$\begin{array}{r} 50 \\ \times\ \ 5 \\ \hline 250 \end{array}$$

l.
$$\begin{array}{r} 25 \\ \times\ \ 4 \\ \hline 100 \end{array}$$

m.
$$\begin{array}{r} 18 \\ \times\ \ 5 \\ \hline 90 \end{array}$$

n.
$$\begin{array}{r} 24 \\ \times\ \ 3 \\ \hline 72 \end{array}$$

o.
$$\begin{array}{r} 75 \\ \times\ \ 2 \\ \hline 150 \end{array}$$

p.
$$\begin{array}{r} 19 \\ \times\ \ 6 \\ \hline 114 \end{array}$$

15. Write the quotients of the following :

a.	$32 \div 4$	= **8**	b.	$54 \div 9$	= **6**
c.	$24 \div 3$	= **8**	d.	$42 \div 6$	= **7**
e.	$60 \div 10$	= **6**	f.	$48 \div 8$	= **6**
g.	$49 \div 7$	= **7**	h.	$70 \div 10$	= **7**
i.	$40 \div 10$	= **4**	j.	$35 \div 5$	= **7**
k.	$36 \div 6$	= **6**	l.	$42 \div 6$	= **7**
m.	$40 \div 8$	= **5**	n.	$56 \div 7$	= **8**
o.	$64 \div 8$	= **8**	p.	$70 \div 10$	= **7**
q.	$63 \div 7$	= **9**	r.	$72 \div 9$	= **8**

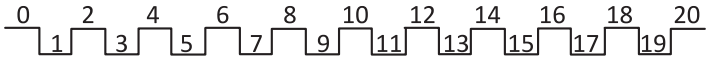
16. Fill in the boxes :

a. $55 + 45 =$ **45** $+ 55$
b. **33** $+ 28 = 28 +$ **33**
c. $38 - 10 = 20 +$ **8**
d. $70 - 30 = 50 -$ **10**
e. $0 \times 12 =$ **0**
f. $64 \div 8 =$ **8**

17. Look at the given examples.
Now, mark a tick (✓) for the pair that is equal and a cross (✗) for the one that is not equal.

22 | 22	14 | 16	14 | 14	61 | 62	35 | 35	1 | 0	46 | 46
✓	✗	✓	✗	✓	✗	✓

18. **In the given figure, all numbers on the top are even numbers. The numbers at the bottom are odd numbers.**



a. Even numbers end in 0, 2, 4, 6 or 8. Circle the even numbers.

(4) 11 (12) (18) (24) (36) (48) 65 77 (82)

b. Odd numbers end in 1, 3, 5, 7 or 9. Circle the odd numbers.

(1) 4 (7) (13) (25) 32 (43) 62 76 (95)

19. **Follow the pattern.**

a.	12	14	16	**18**	**20**	**22**	**24**	**26**	**28**	**30**	**32**	**34**	**36**
b.	20	23	26	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**
c.	30	34	38	**42**	**46**	**50**	**54**	**58**	**62**	**66**	**70**	**74**	**76**
d.	15	20	25	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**	**75**
e.	90	80	70	**60**	**50**	**40**	**30**	**20**	**10**	**0**	**–**	**–**	**–**

20. a. Runs in first inning = 32
Runs in second inning = + 66
98

Thus, runs that Rohan scored is all 98.

b. Total flowers = 96
Flower sold = – 43
Flowers left = 53

Thus, flowers left with flower sever 53.

c. Total bikes = 79
Ones bike has wheel = × 2
Total wheels = 158

Thus, total number of wheels 158.

d. Total apple trees = 48
Total rows = 6
Number of trees in each row = 48 ÷ 6
= 8

6) 48 (8
– 48
×

so, number of trees is each row 8.

e. Students is class 1st = 35
Student is class 2nd = 42
Student in class 3rd = + 51
Total students = 128

So, total students in school 128.

f. Pencils with Deepak =
Pencils with Rakesh =

	3 6
+	4 8
	8 4

So, total number of pencils 84.

g. Books sold on Monday =
Books sold on Tuesday =
Books sold on Wednesday =

	8 3
	7 8
+	6 7
	2 2 8

Thus, the book seller sell total books 228.

h. Pencils with Kriti =
Pencils with her bother =
Total Pencils =

	2 2
+	1 5
	3 7

Thus, total pencils with Kriti and her brother 37.

i. Apples with Pragya =
Apples give to Prachi =
Pragya keep apples =

	1 3
–	5
	8

So, apples kept by Pragya 8.

j. Sweet in one box =
Total boxes =
Sweets in 4 boxes =

	2 8
×	4
	1 1 2

Thus, sweets in 4 boxes 112.

k. Total balls = 35
Total girls = 7
Balls that each girl get = 35 ÷ 7

$$7\overline{)35}\,(5$$
$$-35$$
$$\times$$

So, Balls get by each girl 5.

21. Solve :

a.

	15 Paise
+	35 Paise
	50 Paise

b.

	26 Paise
+	24 Paise
	50 Paise

c.

	65 Paise
+	30 Paise
	95 Paise

d.

	₹ 22
+	₹ 15
	₹ 37

e.

	₹ 75
–	₹ 25
	₹ 100

f.

	₹ 45
–	₹ 5
	₹ 50

22. Fill in the boxes :

a. ₹ 12 = **1200** paise
b. ₹ 50 = **5000** paise
c. 300 paise = ₹ **3**
d. 1500 paise = ₹ **15**
e. 500 paise = ₹ **5**
f. 2000 paise = ₹ **20**

23. Hariti and Noni enjoyed their summer vacations in Nainital and Ranikhet. They went to many places as shown below. Read the information and answer the following questions.

a. The place they visited one day before Ranikhet was **Bhimtal**.
b. The place they had visited between 30 May and 1 June was **Ranikhet**.
c. The day after their visit to Bhimtal was **31** May.
d. They went to Jim Corbett Park after **Ist** June.

24. Write the time shown on the clock faces :

a.  5 : 00

b.  6 : 30

c.  3 : 00

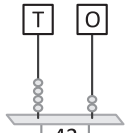
d.  7 : 00

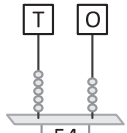
e.  1 : 30

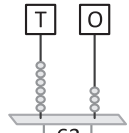
25. Fill in the blanks :

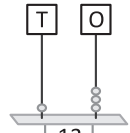
a. There are **12** months in a year.
b. There are **7** days in a week.
c. March comes after **February**.
d. The last month of the year is **December**.
e. October is the **tenth** month of the year.
f. Thursday comes before **Friday**.
g. September comes after **August**.
h. **July** comes after June.

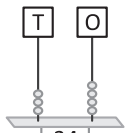
26. Look at the abacus and write the numbers and number names:

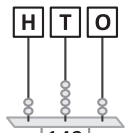
a.  42 — Forty-two

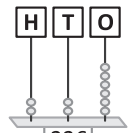
b.  54 — Fifty-four

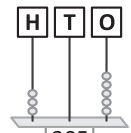
c.  63 — Sixty-three

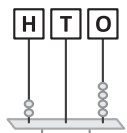
d.  13 — Thirteen

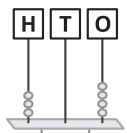
e.  34 — Thirty-four

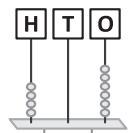
f.  142 — One hundred Forty two

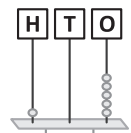
g.  226 — Two hundred twenty six

h.  305 — Three hundred five

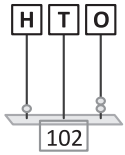
i.  204 — Two hundred four

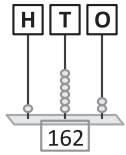
j.  304 — Three hundred four

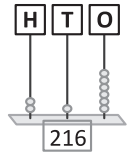
k.  406 — Four hundred six

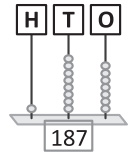
l.  105 — One hundred five

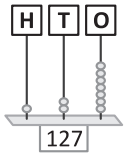
27. Draw beads on the abacus:

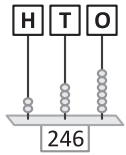
a. 

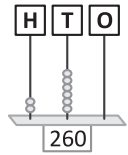
b. 

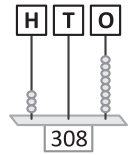
c. 

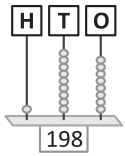
d. 

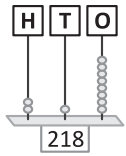
e. 

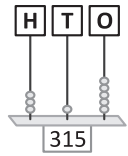
f. 

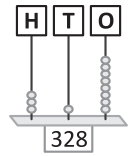
g. 

h. 

i. 

j. 

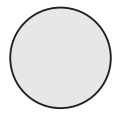
k. 

l. 

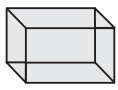
28. Write the names of the shapes :

a. 
Triangle

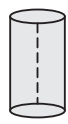
b. 
Rectangle

c. 
Circle

d. 
Cuboid

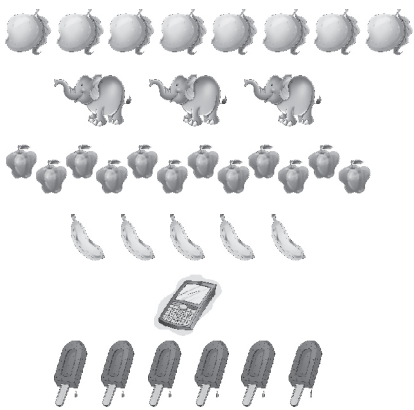
e. 
Cube

f. 
Cone

g. 
Cylinder

h. 
Sphere

29. Match the collections with the numerals and numerals with the number names :



12	Three
1	Five
6	Eight
8	One
5	Twelve
3	Six

30 **Write the numerals in increasing order. (first small than greater) :**

a. 5 15 2 13 9 **2 < 5 < 9 < 13 < 15**

b. 16 32 25 23 19 **16 < 19 < 23 < 25 < 32**

c. 51 49 55 43 56 **43 < 49 < 51 < 55 < 56**

d. 26 42 46 32 46 **26 < 32 < 42 < 46 < 48**

31. **Write the numerals in decreasing order:**

a. 3 5 15 20 13 **20 > 15 > 13 > 5 > 3**

b. 51 49 63 61 15 **63 > 61 > 51 > 49 > 15**

c. 81 79 76 93 64 **93 > 81 > 79 > 76 > 64**

d. 15 25 21 12 52 **52 > 25 > 21 > 15 > 12**

Chapter 2 : Number System

1-digit Numbers

2-digit Numbers

1. **Write numerals for the following number names :**

a. Ninety-three **93** b. Eighty-seven **87**

c. Forty-nine **49** d. Seventy-six **76**

e. Sixty-eight **68** f. Twenty-four **24**

2. **Write the number names for the following numerals :**

a. 36 **Thirty six** b. 47 **Forty seven**

c. 9 **Ninety six** d. 17 **Seventeen**

e. 46 **Forty six** f. 69 **Sixty nine**

g. 80 **Eighty** h. 42 **Forty two**

3. **Write what comes before and after :**

a. **8** 9 **10** b. **59** 60 **61** c. **23** 24 **25**

d. **43** 44 **45** e. **11** 12 **13** f. **85** 86 **87**

4. **Write the number between :**

a. 16 **17** 18 b. 14 **15** 16 c. 29 **30** 31

d. 82 **83** 84 e. 59 **60** 61 f. 38 **39** 40

5. **Fill in the blocks counting backwards :**

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

6. **Insert >, < or = sign :**

a 97 [>] 79 b. Forty [>] Fourteen

c. 7 tens + 9 ones [<] 8 tens d. 36 [<] 47

e. 45 [=] 45 f. 90 [>] 84

7. **Arrange in ascending order :**

a. 40, 79, 32, 95 **32 40 79 95**

b. 35, 90, 66, 20 **20 35 66 90**

8. **Arrange in descending order :**

a. 11, 4, 49, 67 **67 49 11 4**

b. 96, 76, 8, 0 **96 76 8 0**

9. Fill in the blanks. One has been done for you :

a. 7 tens + 3 ones = **73**
b. **9** tens + 0 ones = 90
c. **8** tens + **4** ones = 84
d. 5 tens + 3 ones = **53**
e. **4** tens + 9 ones = 49
f. 9 tens + 7 ones = **97**

10. Write the place value of the underlined digit :

a. 4<u>9</u> **40**
b. 8<u>1</u> **1**
c. <u>7</u>0 **70**
d. 2<u>9</u> **9**
e. 8<u>8</u> **8**
f. 1<u>9</u> **10**

3-digit Numbers

NCERT Corner

1. Complete the following :

a. 
3 tens 1 one = 30 + 1 or

▲	●
T	O
3	1

b. 
3 tens **2** ones = 30 + 2 or

T	O
3	2

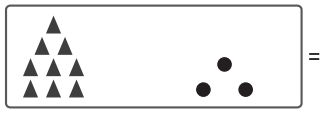
c. 
5 tens **3** ones = 50 + 3 or

T	O
5	3

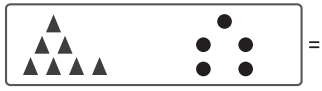
d. 
2 tens **8** ones = 20 + 8 or

T	O
2	8

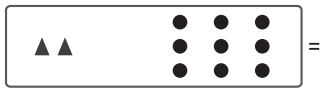
2. Draw tens (▲) and ones (●) cards and fill in the blanks :

a. 
9 tens **3** ones = 90 + 3 or

T	O
9	3

b. 
7 tens **5** ones = 70 + 5 or

T	O
7	5

c. 
2 tens **9** ones = 20 + 9 or

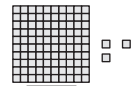
T	O
2	9

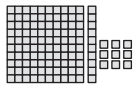
Number Names

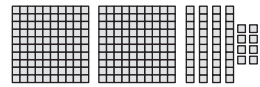
1. Now, count and write the number :

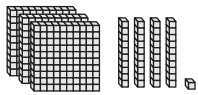
a.  8

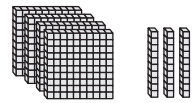
b.  14

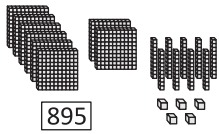
c.  103

d.  119

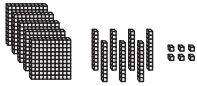
e.  248

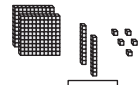
f.  341

g.  430

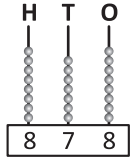
h.  895

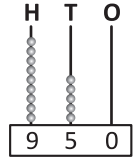
i.  728

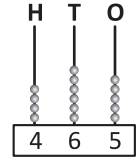
j.  576

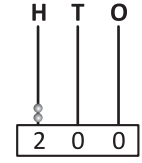
k.  225

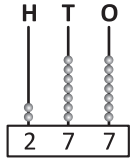
2. Draw beads on the abacus to show the following numbers :

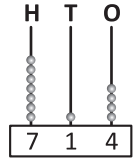
a. 

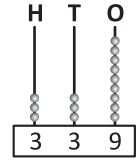
b. 

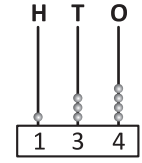
c. 

d. 

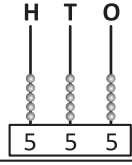
e. 

f. 

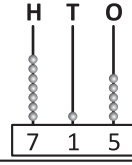
g. 

h. 

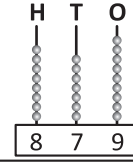
3. Count the beads and write the numbers and their names :

a. 

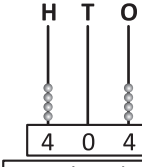
Five hundred fifty five

b. 

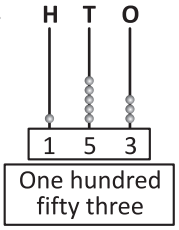
Seven hundred fifteen

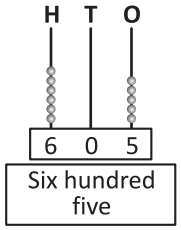
c. 

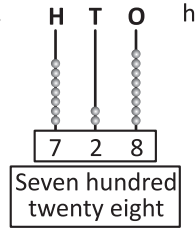
Eight hundred seventy nine

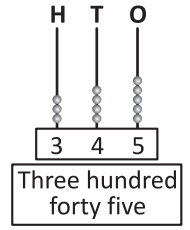
d. 

Four hundred four

e. 

f. 

g. 

h. 

4. Write the numerals for the following number names :

a. Seven hundred seventy-seven — 777
b. Five hundred seventy-five — 575
c. Nine hundred eighty — 980
d. Six hundred thirty-eight — 638

5. Write the number names for the following numerals :

a. 719 = Seven hundred nineteen.
b. 675 = Six hundred seventy five.
c. 889 = Eight hundred eight nine.
d. 201 = Two hundred one.
e. 897 = Eight hundred ninety seven.
f. 333 = Three hundred thirty three.
g. 780 = Seven hundred eight.

Number 101 to 200

Write the missing numbers :

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	120

Number 201 to 300

Write the missing numbers :

a.

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

b.

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	354	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

Number 401 to 600

Write the missing numbers :

a.

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	454	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

b. →

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	554	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

Number 601 to 800

Write the missing numbers :

a. →

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	654	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

b. →

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	754	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

Number 801 to 1000

Write the missing numbers :

a.

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	854	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

b.

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	954	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

Fill in the blanks :

Number	H	T	O	Number Name
115	1	1	5	One hundred fifteen.
275	2	7	5	Two **hundred seventy five**.
309	3	0	9	Three hundred **nine**.
708	7	0	8	Seven **hundred** eight.
951	9	5	1	Nine hundred **fifty one**.
111	1	1	1	**One hundred eleven**.

Expanded form of Numbers

1. Fill in the blanks with numbers coming just before:

a. **282** 283 b. **136** 137 c. **449** 450

d. **199** 200 e. **459** 460 f. **229** 230

x g. **525** 526 h. **979** 980 i. **899** 900

j. [389] 390	k. [624] 625	l. [889] 890
m. [400] 401	n. [564] 565	o. [782] 783
p. [997] 998	q. [689] 690	r. [520] 521
s. [806] 807	t. [223] 224	u. [912] 913
v. [245] 246	w. [979] 980	x. [666] 667

2. Fill in the blanks with numbers coming just after:

a. 244 [245]	b. 830 [831]	c. 119 [120]
d. 888 [889]	e. 426 [427]	f. 739 [740]
g. 236 [237]	h. 636 [637]	i. 567 [568]
j. 937 [938]	k. 490 [491]	l. 800 [801]
m. 765 [766]	n. 650 [651]	o. 941 [942]
p. 909 [910]	q. 454 [455]	r. 294 [295]
s. 485 [486]	t. 910 [911]	u. 574 [575]
v. 239 [240]	w. 861 [862]	x. 418 [419]

3. Write the numbers in between:

a. 113 [114] 115	b. 134 [135] 136	c. 205 [206] 207
d. 350 [351] 352	e. 632 [633] 634	f. 871 [872] 873
g. 996 [997] 998	h. 359 [360] 361	i. 147 [145] 149
j. 468 [461] 470	k. 725 [726] 727	l. 277 [278] 279
m. 891 [892] 893	n. 200 [201] 202	o. 778 [779] 780
p. 800 [801] 802	q. 405 [406] 407	r. 455 [456] 457

4. Fill in blanks :

a. The number before 23 is **22**.
b. The number after 39 is **38**.
c. The number before 70 is **69**.
d. The number after **42** is 43.
e. The number before 61 is **60**.
f. 34 is between **36** and 35.
g. 97 is between 96 and **98**.
h. **69** is between 68 and 70.
i. **20** is between 19 and 21.

5. Oops! Jaggu has mixed up the numbers. Can you help him to write them in order from the smallest to the greatest?

[147]	[129]	[174]	[135]	[199]	[125]	[106]	[118]
[106]	[107]	[108]	[109]	[110]	[111]	[112]	[113]

6. Write the numbers in expanded form :

a. 607 = [6] hundreds + [0] tens + [7] ones
b. 654 = [6] hundreds + [5] tens + [4] ones
c. 809 = [8] hundreds + [0] tens + [9] ones
d. 512 = [5] hundreds + [1] tens + [2] ones
e. 967 = [9] hundreds + [6] tens + [7] ones
f. 428 = [4] hundreds + [2] tens + [8] ones

g. 583 = [5] hundreds + [8] tens + [3] ones
h. 673 = [6] hundreds + [7] tens + [3] ones
i. 496 = [4] hundreds + [9] tens + [6] ones
j. 983 = [9] hundreds + [8] tens + [3] ones
k. 786 = [7] hundreds + [8] tens + [6] ones
l. 973 = [9] hundreds + [7] tens + [3] ones
m. 708 = [7] hundreds + [0] tens + [8] ones

7. Write the short form of these numbers :

a. 7 hundreds + 0 tens + 9 ones = **709**
b. 3 hundreds + 3 tens + 3 ones = **333**
c. 8 hundreds + 0 tens + 9 ones = **809**
d. 7 hundreds + 5 tens + 3 ones = **753**
e. 2 hundreds + 7 tens + 0 ones = **270**
f. 5 hundreds + 1 tens + 8 ones = **518**

8. Write the place value and face value of the digits in underline :

	Number	Place Value	Face Value
a.	413	**10**	**1**
b.	707	**700**	**7**
c.	3̲49	**300**	**3**
d.	211	**200**	**2**
e.	879	**800**	**8**
f.	348	**300**	**3**

9. Write true or false :

a. True b. False c. True d. False e. True f. True

Comparing Numbers

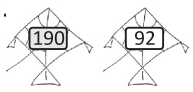
1. Colour red the balloon with the smaller number.

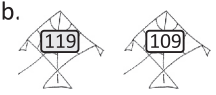
a. 

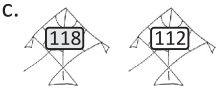
b. 

c. 

2. Colour green the kite with the greater number.

a. 

b. 

c. 

3. Tick (✓) the smallest number.

a.	134		100	✓	150		
b.	169		117	✓	124		
c.	120	✓	127		140		
d.	111		112		110	✓	
e.	56	✓	156		140		
f.	132		23	✓	32		

4. Circle the greatest number.

a. 120 90 (186) b. 100 (200) 105 c. 109 (158) 107

d. 136 141 (150) e. 164 (168) 161 f. 103 100 (109)

Ascending and Descending Order

1. Arrange the following ascending order:

a.	566, 655, 233, 522	**233, 522, 566, 655**
b.	832, 879, 533, 644	**533, 644, 832, 879**
c.	101, 110, 111, 011	**011, 101, 110, 111**
d.	433, 583, 645, 673	**433, 583, 645, 673**
e.	401, 302, 203, 104	**104, 203, 302, 401**
f.	456, 132, 231, 564	**132, 231, 456, 564**
g.	345, 534, 435, 413	**545, 413, 435, 534**
h.	520, 302, 201, 450	**201, 302, 450, 520**
i.	340, 203, 508, 148	**148, 203, 340, 508**
j.	749, 344, 847, 523	**344, 523, 749, 847**
k.	308, 206, 970, 540	**206, 308, 540, 970**

2. Arrange the following in descending order:

a.	223, 322, 241, 421	**421, 322, 241, 223**
b.	808, 809, 345, 567	**809, 808, 567, 345**
c.	705, 607, 707, 506	**707, 705, 607, 506**
d.	111, 101, 450, 540	**540, 450, 111, 101**
e.	469, 623, 598, 834	**834, 623, 598, 469**
f.	326, 623, 336, 309	**623, 336, 326, 309**
g.	308, 830, 880, 860	**880, 860, 830, 308**
h.	325, 256, 830, 308	**830, 325, 308, 256**
i.	208, 933, 742, 743	**233, 743, 742, 208**
j.	304, 506, 707, 840	**840, 707, 506, 304**
k.	384, 566, 705, 749	**749, 705, 566, 384**

Mental Maths

The Indian School is playing a cricket match with the National School :

Who scored the highest runs? Sohail ☐ Mohit ☑ Aman ☐

Who scored the least runs? Arijit ☐ Karan ☑ Vicky ☐

Number these scores from the lowest to the highest.

Peter 92	**Aman 110**	**Arnav 82**	**Karan 50**	**Mohit 120**
3	4	2	1	5

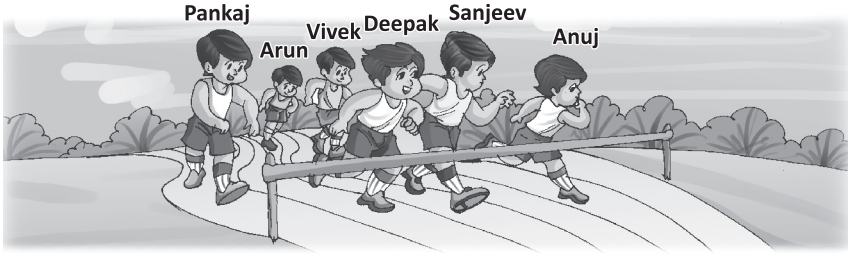
NCERT Corner

Do it yourself.

Ordinal Numbers

When we tell the order or position of an object, we say first, second, third, fourth....tenth. These number are called ordinal numbers.

Look at the picture and write the position of each child :



Anuj = Third | Deepak = First | Vivek = **Fifth**
Sanjeev = **Second** | Arun = **Sixth** | Pankaj = **Fourth**

1. Write the position of each child in the spoon race held at school.

Mohit	**Third**
Shruti	**Second**
Rudra	**Second**
Prakhar	**First**
Jhanvi	**Fourth**

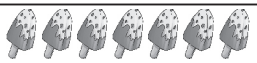
2. Maths and Science together.

There are eight planets in our solar system.
You have to write the correct ordinal number to describe the position of each planet from the sun.

Earth	Venus	Mercury	Mars	Saturn	Neptune	Uranus	Jupiter
Third	Second	First	Fourth	Sixth	Eight	Seventh	Fifty

Even and Odd Numbers

1. Write even or odd by pairing.

a.		= 6 apples	Even
b.		= 5 books	Odd
c.		= 10 watches	Even
d.		= 8 birds	Eight
e.		= 7 ice creams	Odd
f.		= 9 kites	Odd

2. Write even or odd.

a. 108	**Even**	b. 83	**Odd**	c. 134	**Even**
d. 60	**Even**	e. 112	**Even**	f. 35	**Odd**
g. 129	**Odd**	h. 70	**Even**	i. 161	**Odd**

3. Fill in the even numbers.

a. 102 104 **106** **108** 110 **112** **114** **116**

b. 150 **152** 154 **156** **158** **160** 162 **164**

4. Fill in the odd numbers.

a. 105 107 109 111 113 115 117 119

b. 185 187 189 191 193 195 197 199

Multiple Choice Questions

Tick (✓) the correct choice :

1. (b) **2.** (a) **3.** (b) **4.** (b) **5.** (b) **6.** (a) **7.** (b) **8.** (b)

Mental Maths

Fill in the missing letters in these numbers names.

for**t**y-t**wo**	nine**t**y-si**x**
sev**e**nt**y**-fiv**e**	si**x**t**y**-fo**u**r
t**hi**rty-sev**e**n	t**w**enty-thr**ee**
eig**h**t**ee**n	fi**f**ty-**o**ne

Test Exercise

1. Fill in the blanks.

a.

b. 116 = **one** hundred + **one** ten + six ones = 100 + 16

c. 100 + 20 = 120

d. One hundred ninety = 190

2. What is the place value of 2 in 129? **20**

3. Fill in the missing numbers.

156, **157**, **158**, 159, **160**, 161

4. Arrange the following numbers.

		Increasing order	**Decreasing order**
a.	143 187 168	143 168 187	187 168 143
b.	167 128 60	60 128 167	167 128 60

5. Fill in the boxes.

Odd	1	3	5	7	9
Even	2	4	6	8	10

6. Fill in the boxes to find the name of a juicy fruit.

E – fourth and seventh box	A – second box	W – first box
M – sixth box	R – fifth box	T – third box
L – eighth box	O – ninth box	N – tenth box

Chapter-3 Addition

Addition of 1-digit Numbers

Add these numbers.

a.
$$\begin{array}{r} 1 \\ +\ 5 \\ \hline 6 \end{array}$$

b.
$$\begin{array}{r} 7 \\ +\ 2 \\ \hline 9 \end{array}$$

c.
$$\begin{array}{r} 6 \\ +\ 3 \\ \hline 9 \end{array}$$

d.
$$\begin{array}{r} 4 \\ +\ 4 \\ \hline 4 \end{array}$$

e. 4 + 3 = 7 f. 3 + 3 = 6 g. 1 + 8 = 9 h. 7 + 1 = 8

i. 5 + 2 = 7 j. 5 + 1 = 6 k. 7 + 0 = 7 l. 2 + 3 = 5

m. 5 + 3 = 8 n. 2 + 4 = 6 o. 1 + 3 = 4 p. 7 + 3 = 10

q. 6 + 1 = 7 r. 2 + 6 = 8 s. 5 + 4 = 9 t. 4 + 6 = 10

Properties of Addition

1. Find the sum :

a. 6 + 2 = **8** b. 3 + 2 = **5** c. 1 + 2 = **3** d. 3 + 5 = **8**

e. 2 + 2 = **4** f. 5 + 2 = **7** g. 7 + 1 = **8** h. 7 + 2 = **9**

i. 6 + 3 = **9** j. 1 + 4 = **5** k. 2 + 4 = **6** l. 4 + 5 = **9**

m. 4 + 2 = **6** n. 8 + 1 = **9** o. 5 + 1 = **6** p. 1 + 6 = **7**

2. Fill in the boxes :

a. 17 + 8 = **8** + 17

b. 31 + 0 = **31**

c. 19 + 1 = **20**

d. 28 + 78 = 28 + **78**

e. 55 + **0** = 55

f. 67 + **1** = 68

g. 99 + 1 = **100**

h. 67 + **13** = 13 + **67**

i. 15 + 0 = **15**

j. 27 + 1 = **28**

k. 0 + **7** = 7

l. 64 + 22 = **22** + 64

m. 23 + 16 = 16 + **23**

n. **0** + 16 = 16

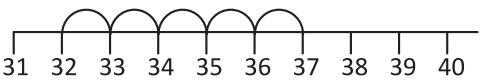
o. 80 + **1** = 81

p. 56 + **23** = 23 + 56

Addition on a Number Line

1. Add on the number line and write the answer.

b. 32 + 5 = **37**



c. 61 + 7 = **68**

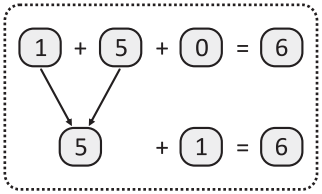
d. 83 + 6 = **89**

e. 18 + 5 = **23**

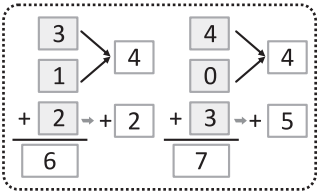
Addition three Numbers

Add the following :

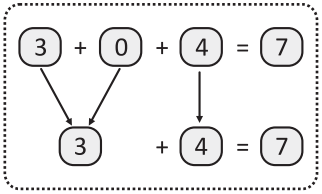
a.



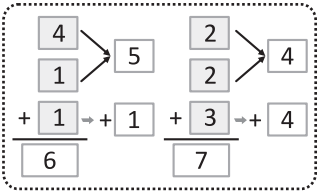
b.



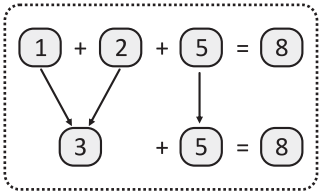
c.



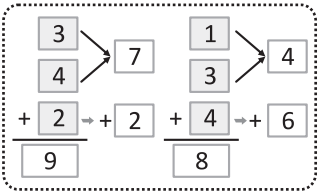
d.



e.



f.



NCERT Corner

1. Now, add numbers on the number line.

b. 24 + 16 = 40 c. 11 + 22 = 33

2. Read the number line and fill the boxes.

a. 22 + 16 = 38 b. 18 + 13 = 31 c. 10 + 13 = 23

Add the following numbers :

a.

	T	O
	5	3
+	2	6
	7	9

b.

	T	O
	6	2
+	1	7
	7	9

c.

	T	O
	4	4
+	5	2
	9	6

d.

	T	O
	5	5
+	2	4
	7	9

e.

	T	O
	3	3
+	2	2
	5	5

f.

	T	O
	4	3
+	3	4
	7	7

g.

	T	O
	6	4
+	2	4
	8	8

h.

	T	O
	2	7
+	5	2
	7	9

i.

	T	O
	2	9
+	2	0
	4	9

j.

	T	O
	4	6
+	3	3
	7	9

k.

	T	O
	6	2
+	3	2
	9	4

l.

	T	O
	5	5
+	3	2
	8	7

m.

	T	O
	6	6
+	2	1
	8	7

n.

	T	O
	3	1
+	5	5
	8	6

o.

	T	O
	8	1
+	1	8
	9	9

p.

	T	O
	5	7
+	2	1
	7	8

q.

	T	O
	2	5
+	4	1
	6	6

r.

	T	O
	3	7
+	4	2
	7	9

s.

	T	O
	5	0
+	4	7
	9	7

t.

	T	O
	3	4
+	5	3
	8	7

Word Problems

A. Add the following and fill in the boxes :

2. 12 cats are under the table.
   14 cats are on the table.
   There are 12 + 14 = **26** cats in all.

	1	2
+	1	4
	2	6

3. Ajay has 23 books.
   Swati gives him 13 more books.
   Now, Ajay has 23 + 13 = **36** books in all.

	2	3
+	1	3
	3	6

4. 25 birds are on the branch.
   13 birds are in the nest.
   There are 25 + 13 = **38** birds in all.

	2	5
+	1	3
	3	8

5. One pencil costs 7 rupees.
   One pen costs 12 rupees.
   Total cost of both is 7 + 12 = **19** rupees.

		7
+	1	2
	1	9

6. Hari coloured 16 flowers.
   Rana coloured 13 flowers.
   Together they coloured 16 + 13 = **29** flowers.

	1	6
+	1	3
	2	9

7. 27 apples are on the table.
   11 apples are in the basket.
   Total apples are 27 + 11 = **38**.

	2	7
+	1	1
	3	8

B. Fill in the boxes :

1. 13 animals on the tree + 11 animals in the water = **24** animals
2. 22 sleeping animals + 22 running animals = **44** animals
3. 12 striped animals + 14 spotted animals = **26** animals
4. 41 brown animals + 23 grey animals = **64** animals

C. Fill in the blanks :

2. I had 20 balloons in my bag. My mother gave me 10 more balloons. How many balloons do I have now?
   20 + **10** = **30** balloons.
3. Rajesh has 17 toffees and Rakesh has 11 toffees. How many toffees do they have altogether?
   17 + **11** = **28** toffees.
4. Mr. Rao has 6 sons and 5 daughters. How many children does Mr. Rao have?
   6 + **5** = **11** children.
5. Rekha eats 12 biscuits in the morning had 15 biscuits in the evening. How many biscuits does she eat in a day?
   12 + **15** = **27** biscuits.

Addition of Three 2-digit Numbers

Add the following by regrouping :

a.
	T	O
	(1)	
	6	7
+	2	9
	9	6

b.
	T	O
	(1)	
	4	5
+	3	6
	8	1

c.
	T	O
	(1)	
	6	1
+	2	9
	9	0

d.
	T	O
	(1)	
	4	4
+	1	8
	6	2

e.
	T	O
	(1)	
	2	4
+	3	8
	6	2

f.
	T	O
	(1)	
	7	8
+	2	9
1	0	7

g.
	T	O
	(1)	
	3	5
+	4	6
	8	1

h.
	T	O
	(1)	
	1	8
+	2	7
	4	5

i.
	T	O
	(1)	
	3	1
+	3	9
	7	0

j.
	T	O
	(1)	
	4	3
+	1	8
	6	1

k.
	T	O
	(1)	
	1	6
+	2	8
	4	4

l.
	T	O
	(1)	
	5	7
+	3	5
	9	2

m.
	T	O
	(1)	
	5	6
+	3	4
	9	0

n.
	T	O
	(1)	
	4	5
+	1	6
	6	1

o.
	T	O
	(1)	
	3	5
+	1	8
	5	3

p.
	T	O
	(1)	
	4	6
+	2	4
	7	0

q.
	T	O
	(2)	
	1	7
	3	5
+	1	8
	7	0

r.
	T	O
	(2)	
	4	5
+	1	6
	1	9
	8	0

s.
	T	O
	(1)	
	1	8
+	2	4
	2	9
	7	1

t.
	T	O
	(1)	
	2	5
+	3	5
	4	5
1	0	5

u.

	T	O
	(1)	
	3	2
	1	7
+	2	7
	7	6

v.

	T	O
	(1)	
	1	3
	2	7
+	1	0
	5	0

w.

	T	O
	2	2
	2	2
+	2	2
	6	6

x.

	T	O
	(1)	
	1	3
	3	5
+	1	6
	6	4

Addition of 3-digit Numbers (without regrouping)

1. Add the following:

a. 4 hundreds 0 tens 3 ones = **403**
+3 hundreds 3 tens 0 ones = **330**
7 hundreds **3** tens **3** ones = **733**

b. 5 hundreds 3 tens 0 ones = **530**
+3 hundreds 1 ten 0 ones = **310**
8 hundreds **4** tens **0** ones = **840**

c. 6 hundreds 3 tens 7 ones = **637**
+3 hundreds 0 tens 2 ones = **302**
9 hundreds **3** tens **9** ones = **939**

d. 5 hundreds 5 tens 0 ones = **550**
+3 hundreds 4 tens 8 ones = **348**
8 hundreds **9** tens **8** ones = **898**

e. 2 hundreds 8 tens 9 ones = **289**
+5 hundreds 1 ten 0 ones = **510**
7 hundreds **9** tens **9** ones = **799**

1. Add the following numbers :

a.

	H	T	O
	3	4	4
+	5	3	4
	8	7	8

b.

	H	T	O
	5	7	5
+	2	2	4
	7	9	9

c.

	H	T	O
	6	1	6
+	1	7	3
	7	8	9

d.

	H	T	O
	2	3	7
+	3	6	1
	5	9	8

e.

	H	T	O
	7	2	1
+	1	5	7
	8	7	8

f.

	H	T	O
	5	4	2
+	3	1	2
	8	5	4

g.

	H	T	O
	8	0	5
+	1	0	3
	9	0	8

h.

	H	T	O
	3	3	4
+	4	3	3
	7	6	7

2. Add the following numbers :

a.

	H	T	O
	3	9	4
+	5	0	3
	8	9	7

b.

	H	T	O
	2	4	3
+	4	1	3
	6	5	6

c.

	H	T	O
	2	5	4
+	6	1	5
	8	6	9

d.

	H	T	O
	3	7	3
+	3	0	4
	6	7	7

e.

	H	T	O
	7	4	5
+	2	5	3
	9	9	8

f.

	H	T	O
	5	0	7
+	3	7	1
	8	7	8

g.

	H	T	O
	9	8	5
+	0	1	4
	9	9	9

h.

	H	T	O
	4	1	1
+	1	7	3
	5	8	4

3. Add the following numbers :

a.

	H	T	O
	3	0	2
+	3	3	1
+	1	2	5
	7	5	8

b.

	H	T	O
	2	1	0
+	2	0	2
+	2	6	2
	6	7	4

c.

	H	T	O
	3	2	5
+	1	0	4
	2	6	0
	6	8	9

d.

	H	T	O
	4	2	3
+	3	4	2
	1	0	4
	8	6	9

e.

	H	T	O
	4	8	5
+	1	0	2
+	3	1	0
	8	9	7

f.

	H	T	O
	7	3	3
+	1	1	1
+	1	2	2
	9	6	6

g.

	H	T	O
	1	0	0
+		7	1
+		1	1
	1	8	2

h.

	H	T	O
	5	0	5
+	1	0	3
+	2	1	0
	8	1	8

Addition with 100, 200,...900

Add the following numbers :

a.

	H	T	O
	6	6	8
+	2	0	0
	8	6	8

b.

	H	T	O
	5	0	0
+	2	0	0
	7	0	0

c.

	H	T	O
	5	4	4
+	1	0	0
	6	4	4

d.

	H	T	O
	5	4	4
+	1	0	0
	8	3	1

e.

	H	T	O
	3	3	0
+	4	0	0
	7	3	0

]

f.

	H	T	O
	5	1	0
+	3	0	0
	8	1	0

g.

	H	T	O
	3	0	0
+	4	0	0
	7	0	0

h.

	H	T	O
	2	2	2
+	1	0	0
	3	2	2

i.

	H	T	O
	3	3	9
+	4	0	0
	7	3	9

j.

	H	T	O
	1	0	0
+	3	1	0
	4	1	0

k.

	H	T	O
	9	0	0
+	0	8	5
	9	8	5

l.

	H	T	O
	8	1	1
+	1	0	0
	9	1	1

m.

	H	T	O
	2	7	0
+	4	0	0
	6	7	0

n.

	H	T	O
	3	0	0
+	4	0	0
	7	0	0

o.

	H	T	O
	1	1	1
+	4	0	0
	5	1	1

p.

	H	T	O
	2	0	0
+	3	0	0
	5	0	0

Addition of 3-digit Numbers (with regrouping)

1. Find the sum of the following :

a. 78 and 139

0 hundreds 7 tens 8 ones
+1 hundred 3 tens 9 ones
2 hundreds 1 tens 7 ones = **217**

b. 143 and 89

1 hundred 4 tens 3 ones
+0 hundreds 8 tens 9 ones
2 hundreds 3 tens 2 ones = **232**

c. 216 and 353

2 hundreds 1 ten 6 ones
+3 hundreds 5 tens 3 ones
5 hundreds 6 tens 9 ones = **569**

d. 385 and 467

3 hundreds 8 tens 5 ones
+4 hundreds 6 tens 7 ones
8 hundreds 5 tens 2 ones = **852**

e. 359 and 637

3 hundreds 5 tens 9 ones
+6 hundreds 3 tens 7 ones
9 hundreds 9 tens 6 ones = **996**

f. 324 and 545

3 hundreds 2 tens 4 ones
+5 hundreds 4 tens 5 ones
8 hundreds 6 tens 9 ones = **869**

Add the following by regrouping :

a.

	H	T	O
	(1)	(1)	
	5	4	6
+	3	6	6
	9	1	2

b.

	H	T	O
	(1)	(1)	
	4	8	5
+	2	7	6
	7	6	1

c.

	H	T	O
	(1)	(1)	
	2	9	7
+	3	2	3
	6	2	0

d.

	H	T	O
	( )	(1)	
	4	5	4
+	3	6	3
	8	1	7

e.

	H	T	O
	(1)	(1)	
	2	9	8
+	4	8	7
	7	8	5

f.

	H	T	O
	( )	(1)	
	4	3	8
+	5	2	2
	9	6	0

g.

	H	T	O
	(1)	(1)	
	7	8	1
+	1	8	9
	9	7	0

h.

	H	T	O
	(1)	(1)	
	4	2	6
+	1	9	6
	6	2	2

i.

	H	T	O
	(1)	(1)	
	6	6	7
+	2	7	6
	9	4	3

j.

	H	T	O
	(1)	( )	
	7	6	4
+	1	9	4
	9	5	8

k.

	H	T	O
	(1)	(1)	
	5	9	6
+	3	1	6
	9	1	2

l.

	H	T	O
	(1)	(1)	
	6	2	7
+		1	8
	8	1	0

m.

	H	T	O
	①	①	
	6	3	5
+	1	7	7
	8	1	2

n.

	H	T	O
	①	◯	
	4	5	1
+	3	6	4
	8	1	5

o.

	H	T	O
	①	①	
	2	7	6
+	6	8	7
	9	6	3

p.

	H	T	O
	◯	①	
	4	2	5
+	2	2	9
	6	5	4

q.

	H	T	O
	①	①	
	3	9	7
+	4	8	3
	8	8	0

r.

	H	T	O
	①	①	
	6	4	6
+	1	5	4
	8	0	0

s.

	H	T	O
	◯	◯	
	5	6	3
+	2	1	6
	7	7	9

t.

	H	T	O
	①	①	
	3	2	9
+	1	4	5
	4	7	4

Addition of More than two Numbers

1. Add the following :

a.

	H	T	O
	①	①	
	2	5	6
+	1	4	7
	4	0	3

b.

	H	T	O
	①	①	
	3	4	6
+	3	5	8
	7	0	4

c.

	H	T	O
	◯	①	
	7	5	6
+	1	3	8
	8	9	4

d.

	H	T	O
	◯	◯	
	2	6	8
+	2	0	9
	4	7	7

e.

	H	T	O
	◯	◯	
	6	2	6
+	2	7	9
	9	0	5

f.

	H	T	O
	◯	①	
	2	1	7
+	4	6	9
	6	8	6

g.

	H	T	O
	①	①	
	1	7	8
+	6	2	4
	8	0	2

h.

	H	T	O
	◯	◯	
	2	7	8
+	1	2	9
	4	0	7

i.

	H	T	O
	◯	◯	
	1	5	6
+	3	6	7
	5	2	3

j.

	H	T	O
	◯	①	
	4	4	4
+	2	2	9
	6	7	3

k.

	H	T	O
	◯	◯	
	4	2	9
+	1	4	3
	5	7	2

l.

	H	T	O
	◯	◯	
	1	4	9
+	3	1	6
	4	6	5

m.

	H	T	O
	①	①	
	1	5	5
+	1	7	7
	3	3	2

n.

	H	T	O
	◯	①	
	4	0	2
+	1	6	9
	5	7	1

o.

	H	T	O
	◯	①	
	2	2	3
+	0	3	7
	2	6	0

p.

	H	T	O
	◯	◯	
	1	4	9
+	3	1	6
	4	6	5

2. Add the following by regrouping :

a.

	H	T	O
	◯	①	
	3	1	7
	1	4	9
+	4	3	0
	8	9	6

b.

	H	T	O
	①	◯	
	6	2	0
	1	9	1
+	0	6	7
	8	7	8

c.

	H	T	O
	①	①	
	4	2	3
	1	4	7
+	1	9	3
	7	6	3

d.

	H	T	O
	①	①	
	2	1	4
	3	1	2
+	4	9	7
1	0	2	3

e.

	H	T	O
	①	①	
	1	9	0
	6	8	2
+	1	9	9
1	0	7	1

f.

	H	T	O
	①	◯	
	7	6	3
	1	2	1
+		7	8
	9	5	7

3. Arrange and add in your notebook :

a.

		6	6
	1	2	5
+	4	2	0
	6	1	1

b.

	6	2	6
		3	4
+	1	3	8
	8	0	0

c.

		2	6	4
		1	3	5
+	1	2	0	
	5	1	9	

d.

		2	5	0
		1	6	3
+	1	1	7	
	4	3	0	

e.

	4	5	9
	1	7	1
+	1	0	
	6	4	0

f.

		4	5	0
		2	2	3
			1	5
+			1	7
	7	0	5	

NCERT Corner

Find the total number of blocks.

Do it yourself.

Word Problems

Solve these word problems

1. Students =
   New admissions =
   Students now =

	H	T	O
	6	3	8
+	2	1	6
	8	5	4

   Answer : Now there are **854** students in the school.

2. Boat A caught fish =
   Boat B caught fish =
   Boat C caught fish =
   ∴ Total fish

	H	T	O
	1	7	3
		8	7
+	2	1	4
	4	7	4

   Answer : The three boats together caught **474** fish.

3. Ravi's score =
   Priya's extra points =
   Priya's score =

	H	T	O
	3	6	7
+		4	3
	4	1	0

   Answer : Priya's score is **410** points.

4. Team A scored runs =
   Team B scored runs =
   Team C scored runs =
   ∴ Total runs scored in all =

	H	T	O
	1	3	5
	2	6	4
+	2	0	7
	6	6	6

   Answer : **666** runs were scored in all.

5. Men =
Women =
Children =
∴ Total people =

	H	T	O
	2	2	8
	2	1	4
+	3	1	5
	7	5	7

Answer : There were **757** people in the fair.

6. Sweets in first packet =
Sweets in second packet =
Sweets in third packet =
∴ Total sweets

	H	T	O
		8	7
		8	6
+		7	5
	2	4	8

Answer : Ranu bought **248** sweets in all.

7. Ruhi has bangles =
Mahima has bangles =

	T	O
	2	8
+	6	4
	9	2

So, total bangles they have **92**.

8. Trees in jungle =
Moral tees plated =
Total trees in all =

	H	T	O
	6	2	6
+	2	8	8
	9	1	4

Thus, trees planted in all **914**.

9. No. of chairs =
No. of tables =

	H	T	O
	4	2	5
+	2	9	6
	7	2	1

Thus, total number of chair and tables **721**.

10. Red Marbles =
Blue Marbles =
Green Marbles =

	H	T	O
		6	8
		6	9
+		9	3
	2	3	0

Thus, total Marbles **230**.

11. Men in bus =
Women in bus =
Children in bus =

	T	O
	4	6
	2	8
+	1	6
	9	0

Thus, number of people in the bus **90**.

12. Shashi read pages on Monday =
Shashi read pages a Tuesday =
Shashi read pages on Wednesday =
Thus, pages read in the three days 864.

	H	T	O
	3	6	5
	2	0	4
+	2	9	5
	8	6	4

Multiple Choice Questions

Tick (✓) the correct choice :

1. (b) 2. (a) 3. (a) 4. (a) 5. (b)

Mental Maths

Fill in the missing numbers.

1.

	H	T	O
	1	1	⓪
+	②	⑤	9
	3	6	9

2.

	H	T	O
	1	⓪	3
+	④	9	②
	5	9	5

3.

	H	T	O
	4	4	④
+	2	0	2
	⑥	④	6

4.

	H	T	O
	1	③	7
+	6	6	①
	⑦	9	8

Test Exercise

1. Regroup only if your need to :

a.

	2	4
+		7
	3	1

b.

	7	3
+		7
	8	0

c.

	8	1
+		6
	8	7

d.

	6	4
+		9
	7	3

e.

	2	6
+		4
	3	0

f.

	3	1
+	1	9
	5	0

g.

	2	8
+	4	0
	6	8

h.

	7	2
+	1	9
	9	1

i.

	3	7
+	1	7
	5	4

j.

	8	2
+	1	4
	9	6

k.

	1	4
+	2	3
	1	3
	5	0

l.

	1	6
+	2	7
	3	3
	7	6

m.

	4	6
+	1	9
	2	9
	9	4

n.

	3	5
+	4	5
	1	9
	9	9

o.

	1	8
+	3	4
	4	2
	9	4

2. Regroup as tens and ones:

a. 7 tens + 4 ones
b. 8 tens + 7 ones
c. 5 tens +9 ones
d. 6 tens + 0 ones

3. Regroup as hundreds and tens:

a. 3 hundreds + 3 tens
b. 6 hundreds + 8 tens
c. 8 hundred + 1 tens
d. 7 hundreds + 6 tens

4. Write in column and add:

a.

	3	4	3
+	3	8	7
	7	3	0

b.

	4	3	6
+	2	7	4
	7	1	0

c.

	3	5	6
+	2	0	5
	5	6	1

5. Change the order of the addends and find the sum:

a.

	3	8	8
+	1	4	4
	5	3	2

	1	4	4
+	3	8	8
	5	3	2

b.

	5	0	0
+	3	4	9
	8	4	9

	3	1	0
+	2	0	6
	5	1	6

c.

	2	0	6
+	3	1	0
	5	1	6

	3	1	0
+	2	0	6
	5	1	6

Chapter-4 Subtraction

1. Subtract :

a. 8 − 3 = 5 b. 6 − 4 = 2 c. 9 − 7 = 2 d. 5 − 2 = 3 e. 7 − 6 = 1

f. 5 − 5 = 0 g. 8 − 6 = 2 h. 4 − 2 = 2 i. 7 − 4 = 3 j. 9 − 8 = 1

2. Find the difference :

a. 6 – 4 = **2** b. 7 – 3 = **4** c. 4 – 2 = **2**

d. 9 – 3 = **6** e. 6 – 5 = **1** f. 8 – 5 = **3**

g. 7 – 7 = **0** h. 8 – 2 = **6** i. 9 – 5 = **4**

3. Find the difference.

a.

T	O
7	7
− 5	2
2	5

b.

T	O
8	6
− 1	6
7	0

c.

T	O
9	0
− 4	0
5	0

d.

T	O
7	8
− 6	6
1	2

e.

T	O
3	9
− 1	6
2	3

f.

T	O
9	6
− 8	0
1	6

g.

T	O
7	6
− 5	1
2	5

h.

T	O
9	6
− 7	3
2	3

i.

T	O
4	5
− 2	4
2	1

j.

T	O
5	8
− 3	5
2	3

k.

T	O
7	7
− 6	6
1	1

l.

T	O
7	3
− 4	4
2	9

m.

T	O
4	6
− 3	1
1	5

n.

T	O
9	9
− 7	7
2	2

o.

T	O
8	6
− 7	6
1	0

p.

T	O
8	5
− 2	3
6	2

4. Fill in the blanks on the basis of subtraction facts :

a. 43 – 0 = **43** b. 18 – 1 = **17**

c. 77 – 77 = **0** d. 54 – 0 = **54**

e. 33 – 1 = **32** f. 62 – 0 = **62**

g. 98 – 1 = **97** h. 56 – 56 = **0**

i. 34 – 0 = **34** j. 18 – 18 = **0**

k. 50 – 50 = **0** l. 33 – 1 = **32**

m. 89 – 0 = **89** n. 67 – 1 = **66**

o. 54 – 54 = **0** p. 43 – 0 = **43**

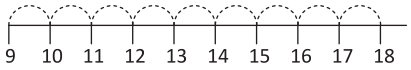
Properties of Subtraction

1. Fill in the blanks on the basis of subtraction properties :

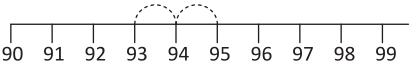
a. 14 – 0 = **14**	b. 26 – 26 = **0**	c. 98 – 1 = **97**
d. 78 – 78 = **0**	e. 19 – 1 = **18**	f. 94 – 1 = **93**
g. 61 – 0 = **61**	h. 100 – 1 = **99**	i. 44 – 0 = **44**
j. 38 – 38 = **0**	k. 71 – 1 = **70**	l. 50 – 50 = **0**
m. 54 – 54 = **0**	n. 89 – 0 = **89**	o. 67 – 1 = **66**

2. Subtract by counting backward on the number line.

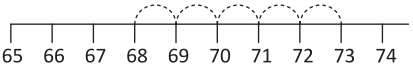
b. 18 – 9 = 9



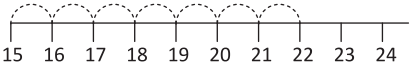
c. 95 – 2 = 93



d. 73 – 5 = 68



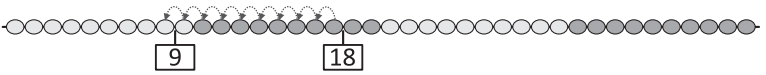
e. 22 – 7 = 15



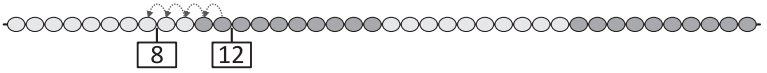
NCERT Corner

1. Use the ginladi and find the answers of the following questions.

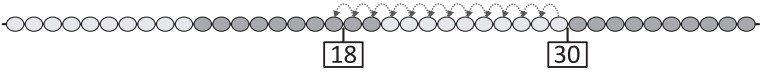
a. Take away 9 from 18 18 – 9 = 9



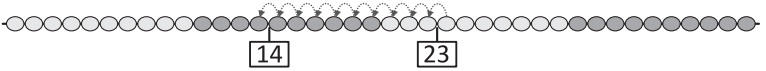
b. Take away 8 from 12 12 – 8 = 4



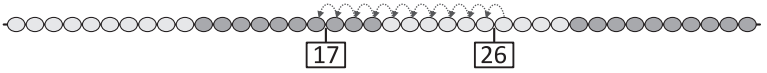
c. Take away 18 from 30 30 – 18 = 12



d. Take away 14 from 23 23 – 14 = 9



e. Take away 17 from 26 26 – 17 = 9



Subtraction of 2-digit Numbers (without regrouping)

1. Subtract the following numbers :

a.
	T	O
	5	6
−	2	6
	3	0

b.
	T	O
	7	6
−	3	5
	4	1

c.
	T	O
	8	9
−	2	4
	6	5

d.
	T	O
	6	4
−	5	1
	1	3

e.
	T	O
	9	4
−	7	2
	2	2

f.
	T	O
	3	6
−	2	0
	1	6

g.
	T	O
	8	8
−	5	7
	3	1

h.
	T	O
	7	9
−	4	3
	3	6

i.
	T	O
	5	6
−	1	5
	4	1

j.
	T	O
	9	7
−	7	6
	2	1

k.
	T	O
	9	6
−	8	0
	1	6

l.
	T	O
	7	6
−	5	1
	2	5

m.
	T	O
	9	6
−	7	3
	2	3

n.
	T	O
	4	5
−	2	4
	2	1

o.
	T	O
	5	8
−	3	5
	2	3

p.
	T	O
	8	8
−	4	0
	4	8

q.
	T	O
	7	8
−	6	2
	1	6

r.
	T	O
	4	9
−	3	1
	2	1

s.
	T	O
	6	9
−	3	5
	3	4

t.
	T	O
	5	3
−	5	0
	0	3

Word Problems

Fill in the blanks :

2. 17 – 6 = 11
3. 23 – 11 = 12
4. 27 – 12 = 15
5. 48 – 23 = 25
6. 48 – 34 = 14

Subtraction on 2-digit Numbers (with regrouping)

Subtract the following :

a.
	T	O
	⑤	⑬
	~~6~~	~~3~~
−	4	9
	1	4

b.
	T	O
	⑥	⑫
	~~7~~	~~2~~
−		9
	6	3

c.
	T	O
	③	⑫
	~~4~~	~~2~~
−	2	8
	1	4

d.
	T	O
	⑥	⑫
	~~7~~	~~7~~
−	3	9
	3	8

e.
	T	O
	⑦	⑮
	~~8~~	~~5~~
−	2	6
	5	9

f.
	T	O
	⑤	⑱
	~~9~~	~~8~~
−	4	9
	4	9

g.
	T	O
	⑤	⑩
	~~6~~	~~0~~
−	2	6
	3	4

h.
	T	O
	⑧	⑬
	~~3~~	~~3~~
−	2	8
	0	5

i.
	T	O
	6	6
−	5	1
	1	5

j.
	T	O
	~~5~~ (4)	~~0~~ (10)
−		8
	4	2

k.
	T	O
	~~9~~ (8)	~~2~~ (12)
−	5	9
	3	3

l.
	T	O
	~~8~~ (7)	~~2~~ (12)
−	6	6
	1	6

m.
	T	O
	~~5~~ (4)	~~2~~ (12)
−	4	6
	0	6

n.
	T	O
	~~9~~ (8)	~~0~~ (10)
−	3	7
	5	3

o.
	T	O
	~~6~~ (5)	~~0~~ (10)
−	1	6
	4	4

p.
	T	O
	~~7~~ (6)	~~3~~ (13)
−	2	7
	4	6

q.
	T	O
	~~5~~ (4)	~~8~~ (18)
−	2	3
	3	5

r.
	T	O
	~~5~~ (4)	~~2~~ (12)
−	3	9
	1	3

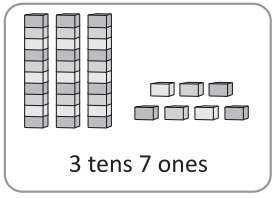
s.
	T	O
	~~4~~ (3)	~~3~~ (13)
−	1	9
	2	4

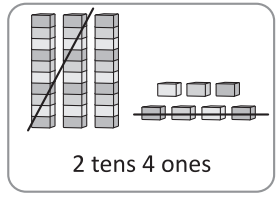
t.
	T	O
	~~8~~ (7)	~~4~~ (14)
−	1	7
	6	7

NCERT Corner

1. Subtract the following :

a. Subtract 24 from 37





	T	O
	3	7
−	2	4
	1	3

b.
	T	O
	2	4
−	1	3
	1	1

c.
	T	O
	5	4
−	3	1
	2	3

d.
	T	O
	3	2
−	1	2
	2	0

e.
	T	O
	4	6
−	3	4
	1	2

2.
	₹	8	2
−	₹	2	2
	₹	6	0

3. ₹ 40

Subtraction of 3-digit Numbers (with regrouping)

1. Subtract the following :

a. 4 hundreds 8 tens 6 ones = 486
− 2 hundreds 2 tens 5 ones = 225
2 hundreds 6 tens 1 ones = 261

b. 5 hundreds 7 tens 8 ones = 578
− 3 hundreds 5 tens 2 ones = 352
2 hundreds 2 tens 6 ones = 226

c. 7 hundreds 8 tens 2 ones = 782
– 4 hundreds 6 tens 1 one = 461
3 hundreds 2 tens 1 ones = 321

d. 5 hundreds 3 tens 9 ones = 539
– 2 hundreds 3 tens 5 ones = 235
3 hundreds 0 tens 4 ones = 304

e. 5 hundreds 3 tens 9 ones = 539
– 2 hundreds 3 tens 5 ones = 235
3 hundreds 0 tens 4 ones = 304

f. 5 hundreds 3 tens 9 ones = 539
– 2 hundreds 3 tens 5 ones = 235
3 hundreds 0 tens 4 ones = 304

1. Subtract the following numbers :

a.

	H	T	O
	6	5	4
–	3	4	3
	3	1	1

b.

	H	T	O
	8	2	7
–	1	0	2
	7	2	5

c.

	H	T	O
	5	6	2
–		4	0
	5	2	2

d.

	H	T	O
	4	6	9
–	2	3	7
	2	3	2

e.

	H	T	O
	9	4	3
–	6	2	3
	3	2	0

f.

	H	T	O
	7	0	5
–	5	0	1
	2	0	4

g.

	H	T	O
	5	4	6
–	1	1	4
	4	3	2

h.

	H	T	O
	5	5	6
–	2	3	7
	3	1	3

i.

	H	T	O
	6	6	6
–	2	3	4
	4	3	2

j.

	H	T	O
	9	9	9
–	4	5	6
	5	4	3

k.

	H	T	O
	9	8	8
–	3	3	4
	6	5	4

l.

	H	T	O
	7	8	8
–	4	3	3
	3	5	5

m.

	H	T	O
	5	3	6
–	1	3	2
	4	0	4

n.

	H	T	O
	8	8	8
–	3	4	7
	5	4	1

o.

	H	T	O
	5	5	7
–	4	3	4
	1	2	3

p.

	H	T	O
	9	4	1
–	7	3	0
	2	1	1

q.

	H	T	O
	9	4	5
–	4	3	3
	5	1	2

r.

	H	T	O
	5	6	5
–	3	4	5
	2	2	0

s.

	H	T	O
	6	3	8
–	2	3	4
	4	0	4

t.

	H	T	O
	8	8	8
–	3	4	5
	5	4	3

Subtraction with 100, 200,... 900

Subtraction the following numbers :

a.

	H	T	O
	5	0	0
–	2	0	0
	3	0	0

b.

	H	T	O
	9	0	0
–	4	0	0
	5	0	0

c.

	H	T	O
	8	0	0
–	6	0	0
	2	0	0

d.

	H	T	O
	6	7	9
–	3	0	0
	3	7	9

e.

	H	T	O
	7	6	3
–	5	0	0
	2	6	3

f.

	H	T	O
	8	4	3
–	1	0	0
	7	4	3

g.

	H	T	O
	4	7	7
–	3	0	0
	1	7	7

h.

	H	T	O
	6	2	7
–	2	0	0
	4	2	7

i.

	H	T	O
	4	6	6
–	2	0	0
	2	6	6

j.

	H	T	O
	2	9	1
–	1	0	0
	2	5	3

k.

	H	T	O
	3	9	4
–	1	0	0
	3	7	6

l.

	H	T	O
	4	9	2
–	3	0	0
	1	9	2

m.

	H	T	O
	6	5	3
–	4	0	0
	2	5	3

n.

	H	T	O
	5	7	6
–	2	0	0
	3	7	6

o.

	H	T	O
	7	8	8
–	6	0	0
	1	8	8

p.

	H	T	O
	3	6	2
–	1	0	0
	2	6	2

q.

	H	T	O
	4	4	4
–	3	0	0
	1	4	4

r.

	H	T	O
	7	4	0
–	5	0	0
	2	4	0

s.

	H	T	O
	9	7	1
–	8	0	0
	1	7	1

t.

	H	T	O
	8	4	0
–	4	0	0
	4	4	0

u.

	H	T	O
	6	4	0
–	2	0	0
	4	4	0

Subtraction of 3-digit Numbers (with regrouping)
Subtract the following by regrouping :

a.

	H	T	O
	◯	(6)	(12)
	6	~~7~~	~~2~~
–	5	3	8
	1	3	4

b.

	H	T	O
	◯	(5)	(13)
	5	~~6~~	~~3~~
–	2	4	9
	3	1	4

c.

	H	T	O
	◯	(4)	(17)
	9	~~5~~	~~7~~
–	6	3	9
	3	1	8

d.

	H	T	O
	◯	(6)	(12)
	7	~~7~~	~~2~~
–		4	3
	7	2	9

e.

	H	T	O
	◯	(7)	(15)
	7	~~8~~	~~5~~
–	5	4	6
	2	3	9

f.

	H	T	O
	◯	(5)	(14)
	4	~~6~~	~~4~~
–	2	3	8
	2	2	6

g.

	H	T	O
	◯	(7)	(11)
	4	~~8~~	~~1~~
–		7	8
	4	0	3

h.

	H	T	O
	◯	(7)	(10)
	5	~~8~~	~~0~~
–	2	7	9
	3	0	1

i.

	H	T	O
	(6)	(4)	(12)
	~~7~~	~~4~~	~~2~~
–	4	7	9
	2	6	3

j.

	H	T	O
	(5)	(12)	(11)
	~~6~~	~~3~~	~~1~~
–	3	6	5
	2	6	6

k.

	H	T	O
	◯	(9)	(16)
	6	~~0~~	~~6~~
–	5	1	8
		8	8

l.

	H	T	O
	(8)	(17)	(15)
	~~9~~	~~8~~	~~5~~
–	5	8	8
	3	9	7

m.

	H	T	O
	(6)	(13)	(15)
	~~7~~	~~4~~	~~5~~
–	4	5	6
	2	8	9

n.

	H	T	O
	(4)	(9)	(10)
	~~5~~	~~0~~	~~0~~
–	3	4	5
	1	5	5

o.

	H	T	O
	(4)	(15)	(12)
	~~5~~	~~6~~	~~2~~
–	2	6	4
	2	9	8

p.

	H	T	O
	(2)	(18)	◯
	~~3~~	~~8~~	9
–	1	9	2
	1	9	7

q.

	H	T	O
	(7)	(9)	(16)
	~~8~~	~~0~~	~~6~~
–	4	5	8
	3	4	8

r.

	H	T	O
	(8)	(14)	(10)
	~~9~~	~~5~~	~~0~~
–	3	6	4
	5	8	6

s.

	H	T	O
	(5)	(9)	(15)
	~~6~~	~~0~~	~~5~~
–	2	5	8
	3	4	7

t.

	H	T	O
	(2)	(16)	(16)
	~~3~~	~~7~~	~~6~~
–	2	8	8
		8	8

u.

	H	T	O
	(5)	(9)	(15)
	~~6~~	~~0~~	~~5~~
–	3	4	9
	2	5	6

Checking Subtraction Through Addition

Subtract and check the answer by addition. One has bee done for you:

2.

	H	T	O
	①	⑨	⑰
	~~2~~	~~8~~	~~7~~
–	1	2	8
	0	7	9

Check

	H	T	O
	0	7	9
+	1	2	8
	2	0	7

3.

	H	T	O
	①	⑨	⑰
	~~7~~	~~6~~	~~5~~
–	2	9	8
	4	6	7

Check

	H	T	O
	4	6	7
+	2	9	8
	7	6	5

4.

	H	T	O
	◯	⑤	⑮
	~~8~~	~~6~~	~~5~~
–	3	5	6
	5	0	9

Check

	H	T	O
	5	0	9
+	3	5	6
	8	6	5

5.

	H	T	O
	⑤	⑬	◯
	~~6~~	~~3~~	9
–	3	8	5
	2	5	4

Check

	H	T	O
	2	5	4
+	3	8	5
	6	3	9

6.

	H	T	O
	①	⑨	⑰
	7	~~6~~	~~8~~
–	4	5	9
	3	0	9

Check

	H	T	O
	3	0	9
+	4	5	9
	7	6	8

Word Problems

Subtract the given word problems.

1. Arushi's height =
   Difference in height =
   Honey's height =

	H	T	O
	1	2	4
–		5	0
		7	4

Answer : Honey's height is **74** cm.

2. Total apples =
   Rotten apples =
   Good apples =

	H	T	O
	2	1	4
–		6	5
	1	4	9

Answer : The fruitseller is left with **149** good apples.

3. Mr. Dua has ₹ 189 less then Mr. Rai.

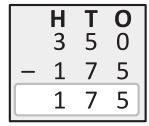
	H	T	O
	9	3	7
–	7	4	8
	1	8	9

Answer : ₹ 189

4. Passengers in the bus =
   Passengers got in from one stop =
   Passengers got in from anther stop =
   So, total passengers in bus now 304.

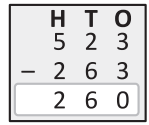
	H	T	O
	2	1	5
		3	7
+		5	2
	3	0	4

5. Rahul wrote word =
Rahul erased words =
Words Left =
Thus, words left on Page **175**.

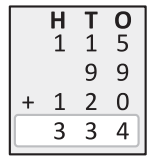


6. Total popcorns =
Shalini ate =

Thus, popcorns left int he packet **260**.



7. Shoe in shoe shop =
Shopkeeper bought in January =
Shopkeeper bought in February =
Thus, total shoes in the shop **334**.

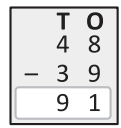


8. Total students =
Students like Cricket =
Students like football =

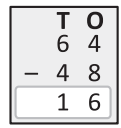
Thus, the students that like football **24**.

9. Balloon seller has balloons =
He sold balloons =

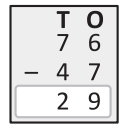
Thus, balloons left with balloons seller **9**.



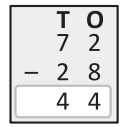
10. Sunil has Crayons =
Sunil left Crayons =
Thus, Sunil loose crayons **16**.



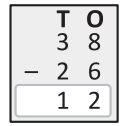
11. Total students =
Students singing =
Students chatting =
So, the students who are chatting.



12. Total cutlets =
Cutlets left =
Cutlets used =
Thus, cutlets used in the party **44**.



13. Number of Girls =
Number of Boys =
Difference =
Girls are 12 more than boys.



14. Total passengers =
Passengers got down =
Passengers left in Bus =
So, 28 passengers were left in the bus.

	T	O
	5	6
−	2	8
	2	8

Add or Subtract

1. Woman passengers =
Men passengers =

	1	0	4
+	2	8	4
	3	8	8

Total seats =
Filled seats =
Vacant seats =

	5	7	2
−	3	8	8
	1	8	4

2. Toys sold on Tuesday =
Toys sold on Wednesday =

	2	8	4
+	3	0	3
	5	8	7

Total toys =
Toys sold =
Toys left =

	9	5	4
−	5	8	7
	3	6	7

3. Number of men =
Number of women =

	3	7	3
+	3	4	9
	7	2	2

Total persons =
Women and men =
Children =

	9	8	5
−	7	2	2
	2	6	3

4. Members in January =
Members in February =

	2	3	0
+	2	2	5
	4	4	5

Members now =
Old members =

	8	6	5
−	4	4	5
	4	2	0

5. Red caps =
Green caps =
Yellow caps =

	1	2	3
	2	0	0
+	4	2	0
	7	4	3

Total caps =
(Red, Green + Yellow caps) =
Blue caps =

1	0	0	0	
−	7	4	3	
	2	5	7	

Multiple choice Questions

Tick (✓) the correct choice :

1. (c) 2. (c) 3. (a) 4. (c) 5. (b)

Text Exercise

1. Subtract :

a.
$$\begin{array}{r} 60 \\ -\ 9 \\ \hline 51 \end{array}$$

b.
$$\begin{array}{r} 43 \\ -\ 7 \\ \hline 36 \end{array}$$

c.
$$\begin{array}{r} 53 \\ -\ 26 \\ \hline 27 \end{array}$$

d.
$$\begin{array}{r} 78 \\ -\ 39 \\ \hline 39 \end{array}$$

e.
$$\begin{array}{r} 32 \\ -\ 15 \\ \hline 17 \end{array}$$

2. Subtract. Regroup only if needed.

a.
$$\begin{array}{r} 51 \\ -\ 44 \\ \hline 07 \end{array}$$

b.
$$\begin{array}{r} 30 \\ -\ 14 \\ \hline 16 \end{array}$$

c.
$$\begin{array}{r} 91 \\ -\ 67 \\ \hline 24 \end{array}$$

d.
$$\begin{array}{r} 80 \\ -\ 77 \\ \hline 03 \end{array}$$

e.
$$\begin{array}{r} 66 \\ -\ 33 \\ \hline 33 \end{array}$$

f.
$$\begin{array}{r} 57 \\ -\ 40 \\ \hline 17 \end{array}$$

g.
$$\begin{array}{r} 49 \\ -\ 24 \\ \hline 25 \end{array}$$

h.
$$\begin{array}{r} 99 \\ -\ 78 \\ \hline 21 \end{array}$$

i.
$$\begin{array}{r} 62 \\ -\ 57 \\ \hline 25 \end{array}$$

j.
$$\begin{array}{r} 92 \\ -\ 45 \\ \hline 47 \end{array}$$

3. Fill in the blanks:

a. 900 – 1 = **899**

b. 555 – 454 = **101**

c. 887 – 187 = **700**

d. 850 – 50 = **800**

e. 500 – 350 = **150**

f. 900 – 300 = **600**

g. In a subtraction problem, the answer that we get is called **difference**.

4. Write in columns. Find the difference. Check your answer:

a.
$$\begin{array}{r} 163 \\ -\ 85 \\ \hline 78 \end{array}$$

b.
$$\begin{array}{r} 260 \\ -\ 141 \\ \hline 119 \end{array}$$

c.
$$\begin{array}{r} 963 \\ -\ 374 \\ \hline 589 \end{array}$$

d.
$$\begin{array}{r} 563 \\ -\ 165 \\ \hline 398 \end{array}$$

5. Total mangoes =
Family ate mangoes =
Mangers left =

$$\begin{array}{r} 67 \\ -\ 18 \\ \hline 49 \end{array}$$

6. Birds an a tree =
Birds flew away =
Birds left =

$$\begin{array}{r} 123 \\ -\ 58 \\ \hline 65 \end{array}$$

7. Apples bought =
Apples patten =
Good apples =

$$\begin{array}{r} 214 \\ -\ 65 \\ \hline 149 \end{array}$$

8. Red house =
Blue house =

$$\begin{array}{r} 236 \\ +\ 204 \\ \hline 440 \end{array}$$

Total students	=	7 4 0
Red and Blue students	=	− 4 4 0
Green house students	=	3 0 0

Chapter-5 Multiplication

1. See the pictures and fill in the blank boxes :

4 + 4 + 4 + 4 + 4 = 20

4 × 5 = 20

4 multiplied by 5 = 20

2. See the pictures and fill in the blank boxes :

5 + 5 + 5 + 5 = 20

5 × 4 = 20

5 multiplied by 4 = 20

6 + 6 + 6 + 6 = 24

6 × 4 = 24

6 multiplied by 4 = 24

3. Fill in the blank boxes to show how many fruits are there in each plate:

3 + 3 + 3 = 9

3 × 3 = 9

4 + 4 + 4 = 12

4 × 3 = 12

7 + 7 + 7 = 21

3 × 7 = 21

4. Write the following as multiplication statements :

a. 

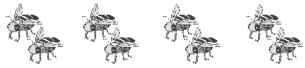
3 + 3 + 3 = 3 × 3 = **9**

b. 

5 + 5 + 5 + 5 + 5 = 5 × 5 = **25**

c. 

6 + 6 + 6 + 6 + 6 = 6 × 5 = **30**

d. 

2 + 2 + 2 + 2 = 2 × 4 = **8**

e. 

4 + 4 + 4 + 4 + 4 = 4 × 5 = **20**

f. 

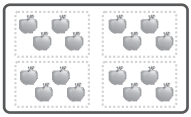
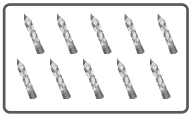
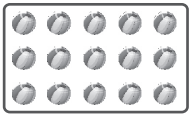
10 + 10 + 10 = 10 × 3 = **30**

5. Fill in the blank boxes :

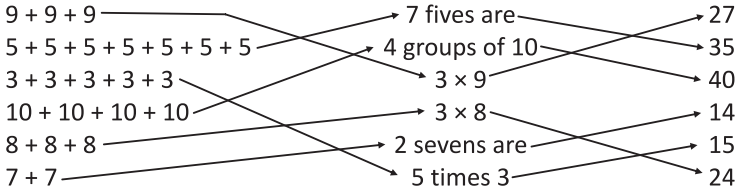
Multiplication	Repeated addition	
6 × 3 =	3 + 3 + 3 + 3 + 3 + 3	= 18
5 × 8 =	8 + 8 + 8 + 8 + 8	= 40
8 × 1 =	1 + 1 + 1 + 1 + 1 + 1 + 1 + 1	= 8
7 × 3 =	3 + 3 + 3 + 3 + 3 + 3 + 3	= 21
9 × 10 =	10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10	= 90
1 × 5 =	1 + 1 + 1 + 1 + 1	= 18
3 × 9 =	9 + 9 + 9	= 27

NCERT Corner

1. Complete the table.

a.		3 + 3 + 3 + 3	4 times 3	4 × 3 = 12 Stars
b.		5 + 5 + 5	5 times 3	5 × 3 = 15 Bananas
c.		3 + 3 + 3 + 3 + 3 + 3	6 times 3	6 × 3 = 18 Candles
d.		4 + 4 + 4 + 4	4 times 4	4 × 4 = 16 Apples
e.		5 + 5	5 times 4	2 × 5 = 10 Pencils
f.		5 + 5 + 5	3 times 5	3 × 5 = 15 Balls

2. Match the following :



Properties of Multiplication

1. Fill in the blanks :

a. 7 × 9 = 9 × **7**
b. 9 × **0** = 0
c. 5 × **1** = 5
d. 12 × 1 = **12**
e. 5 × **4** = 4 × 5
f. 0 × 2 = **0**
g. 4 × 7 = **7** × 4 = **28**
h. 2 × 9 = **9** × 2 = **18**
i. **3** × 10 = 10 × 3 = **30**
j. 5 × **8** = 8 × 5 = **40**
k. **2** × 0 = 0 × 2 = **0**
l. 9 × 1 = 1 × **9** = **9**
m. **6** × 4 = **4** × 6 = 24
n. **3** × 6 = 6 × 3 = **18**

2. Write the products :

a. 8 × 5 = **40** b. 9 × 4 = **36** c. 3 × 9 = **27** d. 4 × 5 = **20**
e. 4 × 7 = **28** f. 6 × 6 = **36** g. 6 × 3 = **18** h. 7 × 8 = **56**
i. 5 × 9 = **45** j. 4 × 8 = **32** k. 5 × 7 = **35** l. 9 × 7 = **63**

3. Find the product using multiplication tables.

a.

T	O
	6
×	7
4	2

b.

T	O
	9
×	5
4	5

c.

T	O
1	0
×	4
4	0

d.

T	O
	7
×	3
2	1

e.

T	O
	3
×	8
2	4

f.

T	O
	8
×	6
4	8

g.

T	O
	8
×	9
7	2

h.

T	O
	7
×	7
4	9

i.

T	O
	8
×	2
2	6

j.

T	O
	5
×	4
2	0

k.

T	O
	9
×	9
8	1

l.

T	O
	2
×	9
4	9

m.

T	O
	1
×	2
	2

n.

T	O
	3
×	4
1	2

o.

T	O
	5
×	8
4	0

p.

T	O
	7
×	9
6	3

q.

T	O
	4
×	7
2	8

r.

T	O
	6
×	9
5	4

s.

T	O
	3
×	6
2	8

t.

T	O
	7
×	8
5	6

u.

T	O
	5
×	3
2	5

v.

T	O
1	0
×	7
7	0

w.

T	O
	9
×	6
5	4

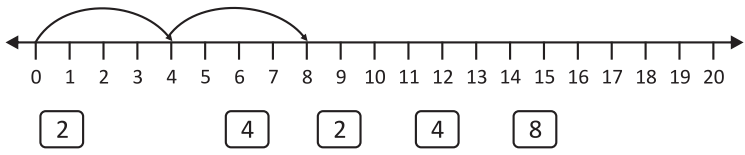
x.

T	O
	6
×	7
4	2

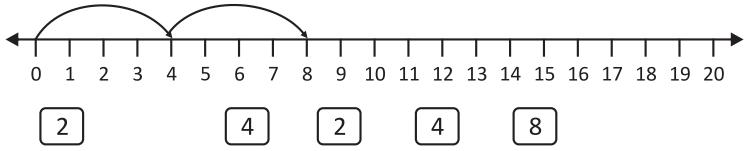
Multiplication on the Number Line

Fill in the boxes by using following number lines. One has been done for you.

b.

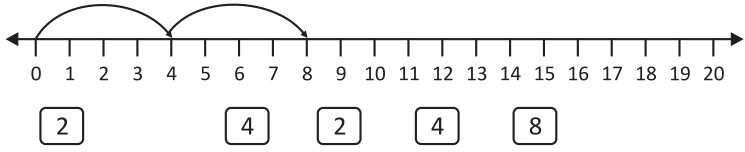


c.



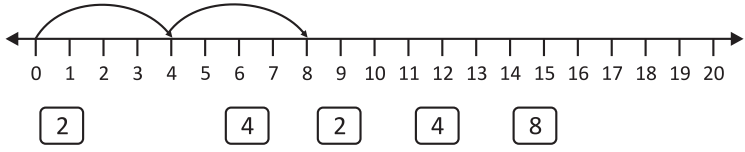
2 4 2 4 8

d.



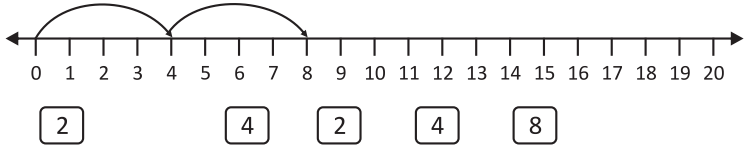
2 4 2 4 8

e.



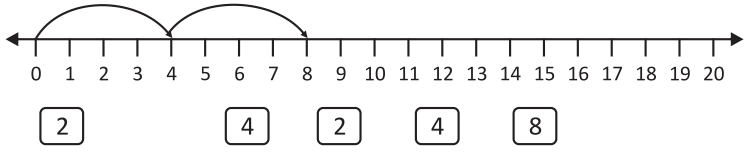
2 4 2 4 8

f.



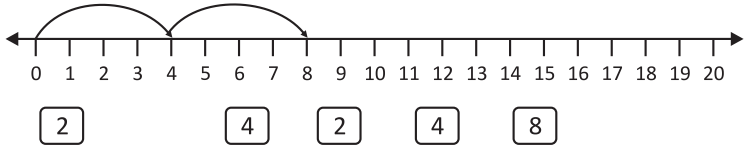
2 4 2 4 8

g.



2 4 2 4 8

h.



2 4 2 4 8

Multiplication of a 2-digit Number by a 1-digit Number

Multiply :

a.

T	O
4	3
×	2
8	6

b.

T	O
3	3
×	3
9	9

c.

T	O
2	2
×	4
8	8

d.

T	O
2	0
×	6
12	0

e.

T	O
1	3
×	3
3	9

f.

T	O
2	1
×	5
10	5

g.

T	O
3	4
×	2
6	8

h.

T	O
5	1
×	1
5	1

i.
	T	O
	3	0
×		3
	9	0

j.
	T	O
	2	1
×		2
	4	2

k.
	T	O
	4	3
×		2
	8	6

l.
	T	O
	2	4
×		2
	4	8

Find the product :

a.
	T	O
	2	3
×		2
	4	6

b.
	T	O
	3	2
×		2
	6	4

c.
	T	O
	3	9
×		1
	3	9

d.
	T	O
	4	4
×		2
	8	8

e.
	T	O
	2	2
×		3
	6	6

f.
	T	O
	4	0
×		2
	8	0

g.
	T	O
	2	4
×		2
	4	8

h.
	T	O
	3	1
×		3
	9	3

i.
	T	O
	2	3
×		3
	6	9

j.
	T	O
	1	2
×		3
	3	6

k.
	T	O
	2	0
×		4
	8	0

l.
	T	O
	1	1
×		5
	5	5

Multiplication of 2-digit Number by a 1-digit Number (with regrouping)

Multiply :

a.
	H	T	O
		①	
		1	9
×			6
	1	1	4

b.
	H	T	O
		②	
		5	8
×			3
	1	7	4

c.
	H	T	O
		◯	
		8	0
×			5
	4	0	0

d.
	H	T	O
		◯	
		4	2
×			6
	2	5	2

e.
	H	T	O
		⑥	
		2	8
×			8
	2	2	4

f.
	H	T	O
		②	
		5	4
×			8
	4	3	2

g.
	H	T	O
		②	
		5	4
×			6
	3	2	4

h.
	H	T	O
		①	
		4	7
×			6
	2	8	2

i.
	H	T	O
		④	
		6	5
×			8
	5	2	0

j.
	H	T	O
		④	
		2	4
×			7
	1	6	8

k.
	H	T	O
		①	
		3	3
×			6
	1	9	8

l.
	H	T	O
		③	
		8	6
×			5
	4	3	0

Find the product :

a.
	H	T	O
		①	
		3	8
×			2
		7	6

b.
	H	T	O
		①	
		2	5
×			3
		7	5

c.
	H	T	O
		①	
		2	4
×			4
		9	6

d.
	H	T	O
		④	
		1	8
×			5
		9	0

e.

H	T	O
	①	
	1	5
×		6
	9	0

f.

H	T	O
	④	
	1	8
×		5
	9	0

g.

H	T	O
	①	
	4	6
×		2
	9	2

h.

H	T	O
	②	
	2	7
×		4
1	0	8

NCERT Corner

1. Number of packets = [8]

Number of bindis in each packet = [5]

[6] groups of [5] bindis.

[6] × [5] = [40] bindis

2. Number of shirts = [7]

Number of buttons on each shirt = [4]

[7] groups of [4] buttons

[7] × [4] = [28] buttons

3. Number of pencils = [6]

Cost of 1 pencil = [₹ 4]

Cost of 6 pencils = 4 + 4 + 4 + 4 + 4 + 4

[6] × [₹ 4] = [₹ 24]

So, Rita will give [₹ 24] to the shopkeeper.

1. Multiply the following :

a.

H	T	O
1	4	4
	×	2
2	8	8

b.

H	T	O
3	2	4
	×	2
6	4	8

c.

H	T	O
1	0	1
	×	9
9	0	9

d.

H	T	O
1	0	3
	×	3
3	0	9

e.

H	T	O
2	3	0
	×	3
6	9	0

f.

H	T	O
4	0	2
	×	2
8	0	4

g.

H	T	O
4	0	4
	×	2
8	0	8

h.

H	T	O
3	4	1
	×	2
6	8	2

i.

H	T	O
2	3	3
	×	3
6	9	9

j.

H	T	O
2	2	2
	×	4
8	8	8

k.

H	T	O
1	2	3
	×	4
4	9	2

l.

H	T	O
2	2	6
	×	3
6	7	8

m.

H	T	O
3	5	1
	×	2
7	0	2

n.

H	T	O
1	5	2
	×	4
6	0	8

o.

H	T	O
2	0	7
	×	4
8	2	8

p.

H	T	O
2	1	3
	×	5
20	6	5

q.

H	T	O
2	5	4
	×	3
7	6	2

r.

H	T	O
3	4	6
	×	2
6	9	2

s.

H	T	O
2	2	4
	×	3
6	7	2

t.

H	T	O
2	6	2
	×	3
7	8	6

2. Multiply :

a.

H	T	O
1	3	1
	×	3
3	9	3

b.

H	T	O
2	2	4
	×	2
4	4	8

c.

H	T	O
3	2	3
	×	3
9	6	9

d.

H	T	O
1	3	0
	×	2
2	6	0

e.

H	T	O
1	0	1
	×	6
6	0	6

f.

H	T	O
2	0	2
	×	4
8	0	8

g.

H	T	O
7	8	6
	×	1
7	8	6

h.

H	T	O
4	3	1
	×	2
8	6	2

i.

H	T	O
2	5	8
	×	2
5	1	6

j.

H	T	O
1	6	9
	×	4
6	7	6

k.

H	T	O
1	7	4
	×	5
8	7	0

l.

H	T	O
1	6	3
	×	6
9	7	8

m.

H	T	O
1	2	3
	×	8
9	8	4

n.

H	T	O
1	0	5
	×	9
9	4	5

o.

H	T	O
1	0	7
	×	7
7	4	9

p.

H	T	O
1	3	6
	×	6
8	1	6

q.

H	T	O
1	5	3
	×	6
9	1	8

r.

H	T	O
1	8	4
	×	5
9	2	0

s.

H	T	O
1	5	1
	×	8
12	0	8

t.

H	T	O
2	3	8
	×	4
9	5	2

Multiplication by (10, 20, 30, ...)

1. Find the product :

a.

	5	1
×	1	0
5	1	0

b.

	4	4
×	1	0
4	4	0

c.

	3	1
×	2	0
6	2	0

d.

	3	6
×	2	0
7	2	0

e.

	2	8
×	1	0
2	8	0

f.

	9	9
×	1	0
9	9	0

g.

	8	2
×	2	0
16	4	0

h.

	3	3
×	3	0
9	9	0

i.

	5	6
×	4	0
22	4	0

j.

	6	2
×	5	0
31	0	0

k.

	2	6
×	3	0
7	8	0

l.

	4	3
×	4	0
17	2	0

m.
	3	2
×	5	0
16	0	0

n.
	4	8
×	2	0
9	6	0

o.
	5	8
×	1	0
5	8	0

p.
	2	4
×	8	0
19	2	0

2. Multiply :

a.	35 × 10	= **350**	b.	50 × 50	= **2500**
c.	70 × 70	= **4900**	d.	22 × 20	= **440**
e.	42 × 30	= **11260**	f.	26 × 40	= **1040**
g.	75 × 10	= **750**	h.	11 × 60	= **660**
i.	285 × 20	= **5700**	j.	515 × 10	= **5150**
k.	25 × 40	= **1000**	l.	620 × 20	= **12400**
m.	100 × 10	= **1000**	n.	170 × 10	= **1700**
o.	20 × 20	= **400**	p.	45 × 20	= **900**

Multiplication by Hundreds (100, 200, 300, ...)

1. Multiply :

a.
		1	8
×	2	0	0
3	6	0	0

b.
		2	1
×	1	0	0
2	1	0	0

c.
		2	2
×	3	0	0
6	6	0	0

d.
		3	2
×	1	0	0
3	2	0	0

e.
		1	8
×	4	0	0
7	2	0	0

f.
		2	2
×	3	0	0
6	6	0	0

g.
		3	0
×	2	0	0
6	0	0	0

h.
			7	2
	×	6	0	0
4	3	2	0	0

i.
		1	6
×	4	0	0
6	4	0	0

2. Fill in the boxes :

a.	52 × 100	= **5200**	b.	70 × 200	= **14000**
c.	80 × 300	= **24000**	d.	30 × 100	= **3000**
e.	82 × 200	= **16400**	f.	42 × 200	= **8400**
g.	240 × 100	= **24000**	h.	550 × 100	= **55000**
i.	280 × 300	= **84000**	j.	400 × 200	= **80000**

Word Problems

1. Pencils in one box =
Number of boxes =
∴ Total number of pencils =

H	T	O
	1	0
	×	6
	6	0

Answer : **60**

2. Number of pages = 48
Stamps on one page = × 20
∴ Total number of stamps = 960
Answer : **960**

	H	T	O
		4	8
×		2	0
	9	6	0

3. Children from one section = 16
Number of sections = × 5
∴ Total number of children = 80
Answer : **80**

	H	T	O
		1	6
×			5
		8	0

4. Number of friends = 20
Number of tickets each friend buys = × 8
∴ Total number of tickets bought = 160
Answer : **160**

	H	T	O
		2	0
×			8
	1	6	0

5. Total toffees = 18
Cost of 1 toffees = × 2
Total cost = **36**
Thus, total cost of the toffees ₹ 36.

6. Flowers in 2 rows = 36
Total rows = × 5
Total flowers = **180**
Thus, total flowers in 5 rows 180

7. Each packet has pencil = 25
Total packets = × 8
Total pencils = **200**
Thus, there are 200 pencils in all.

8. Marbles in 1 bag = 35
Total bags = × 7
Total marbles = **245**
Thus, total number of marbles is 245.

9. Footballs in one box = 25
Total boxes = × 9
Total footballs = **135**
Thus, total number of footballs 135.

10. Eggs in 1 cartoon = 64
Total boxes = × 9
Total eggs = **576**
Thus, total eggs in 9 cartoon is 576.

11. Total weeks = 5 2
Days in a week = × 7
3 6 4

Thus, total days in 52 weeks = 364

12. Flowers in 1 garland = 3 2
Total garlands = × 5
Total flowers = **1 6 0**

Thus, total flowers in the garlands = 160.

13. Total benches = 2 8
Students on each bench = × 3
Total students = **8 4**

Thus, total students in class = 84

14. Kites in one bundle = 1 2 0
Total bundles = × 5
Total kites = **6 0 0**

Thus, total kites in the bundle = 600

15. Books in one shelf = 1 6 4
Total shelves = × 4
Total books = **6 5 6**

Thus, total bundle of books in all 656.

16. Total distance = 7 8 4 9
Distance travelled by train = – 5 6 7 2
Distance travelled by bus = **2 1 7 7**

Thus, the distance travelled by bus = 2177 km

17. Total capacity of train = 2 3 4 8
On Sunday people travelled = – 2 6 7 9
More could travels = **6 6 9**

Thus, 669 more people could have travelled by train.

Multiple choice Questions

Tick (✓) the correct choice :

1. (b) 2. (c) 3. (a) 4. (c) 5. (c)

Mental Maths

Complete the multiplication wheel.

Do it yourself.

Test Exercise

1. Show as repeated addition and multiplication.

a. $2 + 2 + 2 = 6$
$2 \times 3 = 6$

b. $5 + 5 + 5 + 5 = 20$
$5 \times 4 = 20$

2. Fill in the blanks :

a. 7 × **2** = 14 b. **8** × 5 = 40 c. **8** × 10 = 80

d. 4 × **5** = 20 e. 6 × 5 = **30** f. 8 × 2 = **16**

g. **9** × 2 = 18 h. 10 × 10 = **100** i. 6 × **10** = 60

3. Find the products:

a.

H	T	O
	6	4
	×	2
1	2	8

b.

H	T	O
	9	6
	×	2
1	9	2

c.

H	T	O
2	2	2
	×	2
4	4	4

d.

H	T	O
	7	3
	×	9
6	5	7

e.

H	T	O
1	3	6
	×	5
6	8	0

f.

H	T	O
	8	7
	×	2
1	7	4

g.

H	T	O
2	0	2
	×	4
8	0	8

h.

H	T	O
1	4	8
	×	8
11	8	4

4. Solve the following word problems :

a. Students in one section = 3 6
Total sections = × 5
Total students = **1 8 0**

Thus, total students in five sections = 180

b. Books in one shelf = 2 3
Total book shelves = × 2
Total number of books = **1 3 8**

Thus, total number of books = 138

c. Pens in a pen holder = 30
Total pen holders = 200
∴ pens in pen holders = 30 × 100
Thus, pens in 100 pen holders = 3000

	1	0	0
	×	3	0
3	0	0	0

Chapter-6 Division

1. Fill in the blanks :

b. 32 ÷ 4 = **8** c. 18 ÷ 6 = **3** d. 10 ÷ 2 = **5**

Multiplication and Division Facts

1. Complete the table. The first one has been done for you :

a.	8 × 2 = 16	2 × 8 = 16	16 ÷ 2 = 8	16 ÷ 8 = 2
b.	5 × 3 = 15	**3 × 5 = 15**	15 ÷ 3 = 5	**15 ÷ 5 = 3**
c.	**9 × 2 = 18**	2 × 9 = 18	**18 ÷ 2 = 9**	18 ÷ 9 = 2
d.	4 × 10 = 40	**10 × 4 = 40**	**40 ÷ 10 = 4**	40 ÷ 4 = 10
e.	**7 × 3 = 21**	**3 × 7 = 21**	21 ÷ 7 = 3	**21 ÷ 3 = 7**
f.	**9 × 8 = 72**	8 × 9 = 72	**72 ÷ 8 = 9**	**72 ÷ 9 = 8**

2. Write the multiplication facts and the division facts for the following. One has been done for you.

	Multiplication facts	Division facts
a.	40 ÷ 5 = 8	8 × 5 = 40
	8 × 5 = **40**	40 ÷ 8 = **5**
	5 × **8** = **40**	40 ÷ 5 = **8**
b.	72 ÷ 9 = **8**	8 × 9 = **72**
	9 × **8** = **72**	**72** ÷ **8** = **9**
	8 × **9** = **72**	**72** ÷ **9** = **8**
c.	35 ÷ 5 = **7**	5 × 7 = **35**
	5 × **7** = **35**	**35** ÷ **5** = **7**
	7 × **5** = **35**	**35** ÷ **7** = **5**
d.	36 ÷ 4 = **9**	9 × 4 = **36**
	4 × **9** = **36**	**36** ÷ **4** = **9**
	9 × **4** = **36**	**36** ÷ **9** = **4**
e.	60 ÷ 10 = **6**	10 × 6 = **60**
	6 × **10** = **60**	**60** ÷ **6** = **10**
	10 × **6** = **60**	**60** ÷ **10** = **6**
f.	56 ÷ 8 = **7**	7 × 8 = **56**
	7 × **8** = **56**	**56** ÷ **8** = **7**
	8 × **7** = **56**	**56** ÷ **7** = **8**
g.	21 ÷ 3 = **7**	3 × 7 = **21**
	3 × **7** = **21**	**21** ÷ **3** = **7**
	7 × **3** = **21**	**21** ÷ **7** = **3**
h.	45 ÷ 5 = **9**	9 × 5 = **45**
	5 × **9** = **45**	**45** ÷ **5** = **9**
	9 × **5** = **45**	**45** ÷ **9** = **5**
i.	44 ÷ 11 = **4**	4 × 11 = **44**
	4 × **11** = **44**	**44** ÷ **4** = **11**
	11 × **4** = **44**	**44** ÷ **11** = **4**
j.	63 ÷ 9 = **7**	7 × 9 = **63**
	9 × **7** = **63**	**63** ÷ **9** = **7**
	7 × **9** = **63**	**63** ÷ **7** = **9**
k.	42 ÷ 6 = **7**	7 × 6 = **42**
	6 × **7** = **42**	**42** ÷ **6** = **7**
	7 × **6** = **42**	**42** ÷ **7** = **6**

Divide by Grouping

Find the groups. The first one has been done for you.

a. 15 ÷ 3 = **5** b. 64 ÷ 8 = **8** c. 12 ÷ 3 = **4**

d. 16 ÷ 4 = **4** e. 18 ÷ 6 = **3** f. 15 ÷ 5 = **3**

NCERT Corner

1. **How many strings can we make with 21 beads?**
   Ans. 3
2. **How many bracelets can we make with 54 flowers?**
   Ans. 6
3. **There are 25 roses. 5 roses can be placed in 1 vase. How many vases are needed for placing 25 roses?**
   Ans. 5 vases are needed.
4. **There are 27 candles. Put them equally in 3 boxes. How many candles will be in each box?**
   Ans. 9 candles

Division as Repeated Subtraction

1. **Divide using repeated subtraction :**

a. 15 ÷ 5 = 3

T	O	
1	5	
–	5	← 1st time
1	0	
–	5	← 2nd time
	5	
–	5	← 3rd time
	0	

b. 25 ÷ 5 = **5**

T	O	
2	5	
–	5	← 1st time
2	0	
–	5	← 2nd time
1	5	
–	5	← 3rd time
1	0	
–	5	← 4th time
0	5	
–	5	← 5th time
	0	

c. 40 ÷ 8 = **5**

T	O	
4	0	
–	8	← 1st time
3	2	
–	8	← 2nd time
2	4	
–	8	← 3rd time
1	6	
–	8	← 4th time
0	8	
–	8	← 5th time
	0	

d. 12 ÷ 2 = **6**

T	O	
1	2	
–	2	← 1st time
1	0	
–	2	← 2nd time
	8	
–	2	← 3rd time
	6	
–	2	← 4th time
	4	
–	2	← 5th time
	2	
–	2	← 5th time
	0	

2. Divide the following by repeated subtraction.

a. 12 bananas among 3 children.

12 − 3 = 9 _____ time
9 − 3 = 6 _____ time
6 − 3 = 3 _____ time
3 − 3 = 0 _____ time

So, 12 ÷ 3 = **4**

b. 20 marbles among 5 children.

20 − 5 = 15 _____ time
15 − 5 = 10 _____ time
10 − 5 = 5 _____ time
5 − 5 = 0 _____ time

So, 20 ÷ 5 = **4**

c. 10 parrots on 2 branches.

10 − 2 = 8 _____ time
8 − 2 = 6 _____ time
6 − 2 = 4 _____ time
4 − 2 = 2 _____ time
2 − 2 = 0 _____ time

So, 10 ÷ 2 = **5**

d. 36 rupees among 9 girls.

36 − 9 = 27 _____ time
27 − 9 = 18 _____ time
18 − 9 = 9 _____ time
9 − 9 = 0 _____ time

So, 36 ÷ 9 = **4**

e. 14 balloons among 7 children

14 − 7 = 7 _____ time
7 − 7 = 0 _____ time

So, 14 ÷ 7 = **2**

f. 16 fishes among 4 rows

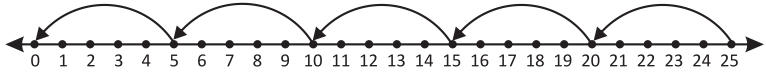
16 − 4 = 12 _____ time
12 − 4 = 8 _____ time
8 − 4 = 4 _____ time
4 − 4 = 0 _____ time

So, 16 ÷ 4 = **4**

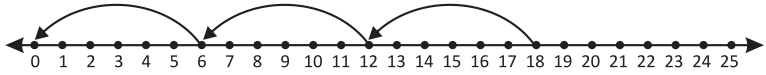
Division on the Number Line

Divide using the number line :

a. 25 ÷ 5 = **5**

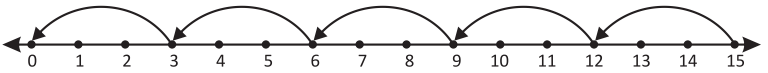


b. 18 ÷ 6 = **3**



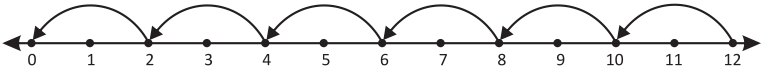
c. 24 ÷ 4 = **6**

d. 15 ÷ 3 = **5**



e. 30 ÷ 5 = **6**

f. 12 ÷ 2 = **6**



Properties of Division

1. Divide the numbers.

a. 9 ÷ 9 = **1**
b. 24 ÷ 1 = **24**
c. 20 ÷ 10 = **2**
d. 0 ÷ 7 = **0**
e. 32 ÷ 32 = **1**
f. 118 ÷ 1 = **118**
g. 30 ÷ 10 = **3**
h. 0 ÷ 110 = **0**
i. 95 ÷ 95 = **0**
j. 419 ÷ 1 = **429**
k. 60 ÷ 10 = **6**
l. 0 ÷ 59 = **0**
m. 268 ÷ 268 = **1**
n. 90 ÷ 10 = **9**
o. 124 ÷ 1 = **124**

2. Fill in the boxes.

a. 93 ÷ **1** = 93
b. **75** ÷ 1 = 75
c. 50 ÷ **10** = 5
d. **0** ÷ 37 = 0
e. 66 ÷ **66** = 1
f. 121 ÷ **1** = 121
g. 623 ÷ **623** = 1
h. **0** ÷ 55 = 0
i. **0** ÷ 98 = 0
j. **9** ÷ 1 = 9
k. 900 ÷ **900** = 1
l. **375** ÷ 1 = 375
m. 842 ÷ 842 = **1**
n. **0** ÷ 333 = 0
o. 78 ÷ **1** = 78

3. Fill in the blanks with × or ÷ to make the statements correct.

a. 16 **×** 5 = 30
b. 48 **÷** 6 = 2 **×** 4
c. 63 **÷** 9 = 7
d. 0 **×** 39 = 0
e. 22 **×** 0 = 0
f. 25 **×** 4 = 100
g. 56 **÷** 7 = 2 **×** 4
h. 8 **×** 0 = 0 × 15
i. 81 **÷** 9 = 3 **×** 3
j. 88 **÷** 4 = 22

Division by Using the Multiplication Tables

1. Divide by using multiplication tables :

a. 8 ÷ 4 = **2**
b. 16 ÷ 2 = **8**
c. 20 ÷ 5 = **4**
d. 4 ÷ 2 = **2**
e. 36 ÷ 6 = **6**
f. 12 ÷ 4 = **3**
g. 20 ÷ 5 = **4**
h. 45 ÷ 9 = **5**
i. 5 ÷ 5 = **1**
j. 40 ÷ 8 = **5**
k. 28 ÷ 7 = **4**
l. 30 ÷ 10 = **3**

2. Fill in the boxes.

a. 18 ÷ 2 = 9 b. 36 ÷ 6 = 6 c. 42 ÷ 7 = 6

d. 64 ÷ 8 = 8 → dividend = **64**, divisor = 8, quotient = 8

e. 21 ÷ 3 = 7 → dividend = 21, divisor = 3, quotient = 7

f. 45 ÷ 9 = 5 → dividend = 45, divisor = 9 , quotient = 5

3. Fill in the blanks :

Sums	Dividend	Divisor	Quotient
a. 36 ÷ 6 = **6**	36	6	6
b. 72 ÷ 8 = **9**	72	8	9
c. 30 ÷ 5 = **6**	30	5	6
d. 63 ÷ 7 = **9**	63	7	9
e. 64 ÷ 8 = **8**	64	8	8
f. 48 ÷ 6 = **8**	48	6	8
g. 81 ÷ 9 = **9**	81	9	9
h. 54 ÷ 6 = **9**	54	6	9
i. 42 ÷ 7 = **6**	42	7	6
j. 24 ÷ 3 = **8**	24	3	8
k. 36 ÷ 9 = **4**	36	9	4
l. **60 ÷ 6 = 6**	60	6	10
m. **54 ÷ 6 = 9**	54	6	9
n. 66 ÷ 11 = **6**	66	11	6
o. 35 ÷ 5 = **7**	35	5	7
p. **28 ÷ 4 = 7**	28	4	7
q. **21 ÷ 3 = 7**	21	3	7
r. **64 ÷ 8 = 8**	64	8	8
s. **30 ÷ 5 =** 6	30	5	6
t. 96 ÷ 12 = **8**	96	12	8

Long Method of Division

1. Divide :

a. 36 ÷ 6

```
   6
6)36
 -36
  0
```

(6 × 6 = 36)

Quotient = 6

b. 24 ÷ 3

```
   8
7)24
 -24
  0
```

(8 × 3 = 24)

Quotient = 8

c. 35 ÷ 5

```
   7
5)35
 -35
  0
```

(7 × 5 = 35)

Quotient = 7

d. $48 \div 6$

$$\begin{array}{r} 8 \\ 6\overline{)48} \\ -48 \\ \hline 0 \end{array}$$

$(8 \times 6 = 48)$

Quotient = **8**

e. $54 \div 9$

$$\begin{array}{r} 6 \\ 9\overline{)54} \\ -54 \\ \hline 0 \end{array}$$

$(9 \times 6 = 54)$

Quotient = **6**

f. $56 \div 7$

$$\begin{array}{r} 8 \\ 7\overline{)56} \\ -56 \\ \hline 0 \end{array}$$

$(7 \times 8 = 56)$

Quotient = **8**

g. $28 \div 7$

$$\begin{array}{r} 4 \\ 7\overline{)28} \\ -28 \\ \hline 0 \end{array}$$

$(7 \times 4 = 28)$

Quotient = **4**

h. $40 \div 4$

$$\begin{array}{r} 10 \\ 4\overline{)40} \\ -40 \\ \hline 0 \end{array}$$

$(4 \times 10 = 40)$

Quotient = **10**

i. $81 \div 9$

$$\begin{array}{r} 9 \\ 9\overline{)81} \\ -81 \\ \hline 0 \end{array}$$

$(9 \times 9 = 81)$

Quotient = **9**

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

a.

$$\begin{array}{r} 5 \\ 10\overline{)50} \\ -50 \\ \hline 0 \end{array}$$

Check : $10 \times 5 = 50$

b.

$$\begin{array}{r} 7 \\ 9\overline{)63} \\ -63 \\ \hline 0 \end{array}$$

Check : $7 \times 9 = 63$

c.

$$\begin{array}{r} 8 \\ 6\overline{)48} \\ -48 \\ \hline 0 \end{array}$$

Check : $8 \times 6 = 48$

d.

$$\begin{array}{r} 9 \\ 8\overline{)72} \\ -72 \\ \hline 0 \end{array}$$

Check : $8 \times 9 = 70$

e.

$$\begin{array}{r} 6 \\ 7\overline{)42} \\ -42 \\ \hline 0 \end{array}$$

Check : $7 \times 6 = 40$

f.

$$\begin{array}{r} 6 \\ 4\overline{)24} \\ -24 \\ \hline 0 \end{array}$$

Check : $6 \times 4 = 24$

Division of 3-Digit Number by 1-Digit Number

1. Divide the following:

a.

$$\begin{array}{r} 265 \\ 3\overline{)797} \\ -6 \\ \hline 19 \\ -18 \\ \hline 17 \\ -15 \\ \hline 2 \end{array}$$

b.

$$\begin{array}{r} 151 \\ 4\overline{)606} \\ -4 \\ \hline 20 \\ -20 \\ \hline 6 \\ -4 \\ \hline 2 \end{array}$$

c.

$$\begin{array}{r} 125 \\ 5\overline{)627} \\ -5 \\ \hline 12 \\ -10 \\ \hline 27 \\ -25 \\ \hline 2 \end{array}$$

d.

$$\begin{array}{r} 121 \\ 7\overline{)848} \\ -7 \\ \hline 14 \\ -14 \\ \hline 8 \\ -7 \\ \hline 1 \end{array}$$

e.

$$\begin{array}{r} 132 \\ 6\overline{)795} \\ -6 \\ \hline 19 \\ -18 \\ \hline 15 \\ -12 \\ \hline 3 \end{array}$$

f.
$$\begin{array}{r} 102 \\ 4\overline{)409} \\ -4 \\ \hline 9 \\ -8 \\ \hline 1 \end{array}$$

g.
$$\begin{array}{r} 103 \\ 7\overline{)724} \\ -7 \\ \hline 24 \\ -21 \\ \hline 3 \end{array}$$

h.
$$\begin{array}{r} 102 \\ 8\overline{)816} \\ -8 \\ \hline 16 \\ -16 \\ \hline 0 \end{array}$$

i.
$$\begin{array}{r} 101 \\ 5\overline{)508} \\ -5 \\ \hline 8 \\ -5 \\ \hline 3 \end{array}$$

j.
$$\begin{array}{r} 103 \\ 6\overline{)618} \\ -6 \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

k.
$$\begin{array}{r} 109 \\ 5\overline{)549} \\ -5 \\ \hline 49 \\ -45 \\ \hline 4 \end{array}$$

l.
$$\begin{array}{r} 109 \\ 7\overline{)763} \\ -7 \\ \hline 63 \\ -63 \\ \hline 0 \end{array}$$

m.
$$\begin{array}{r} 100 \\ 9\overline{)905} \\ -8 \\ \hline 5 \end{array}$$

n.
$$\begin{array}{r} 202 \\ 2\overline{)405} \\ -4 \\ \hline 5 \\ -4 \\ \hline 1 \end{array}$$

o.
$$\begin{array}{r} 202 \\ 3\overline{)608} \\ -6 \\ \hline 8 \\ -6 \\ \hline 2 \end{array}$$

Word Problems

Solve these word problems.

1. Total number of bouquets = 56
Total people = 7
$\therefore$ Total bouquets bought = 56 ÷ 7
Thus, 8 bouquets will be bought.

$$\begin{array}{r} 8 \\ 7\overline{)56} \\ -56 \\ \hline 0 \end{array}$$

2. Total sandwiches at a birthday party = 50
Total children = 10
$\therefore$ Each child get sandwiches = 50 ÷ 10
Thus, each child get sandwiches = 5

$$\begin{array}{r} 5 \\ 10\overline{)50} \\ -50 \\ \hline 0 \end{array}$$

3. Total number of stamps = 72
Total number of pages = 9
$\therefore$ Stamps paste on each page = 72 ÷ 9
Thus, she can paste 8 stamps on each page.

$$\begin{array}{r} 8 \\ 3\overline{)72} \\ -72 \\ \hline 0 \end{array}$$

4. Total players = 6
Total runs = 48
$\therefore$ Runs make by each player = 48 ÷ 6
Thus, Runs make by each player = 8

$$\begin{array}{r} 8 \\ 6\overline{)48} \\ -48 \\ \hline 0 \end{array}$$

5. Total mangoes = 25
Total family members = 5
$\therefore$ Mangoes got by each family member = 25 ÷ 5
Thus, each member got 5 mangoes.

$$\begin{array}{r} 5 \\ 5\overline{)25} \\ -25 \\ \hline 0 \end{array}$$

Multiple choice Questions

Tick (✓) the correct choice :

1. (a) 2. (c) 3. (b) 4. (c) 5. (a)

Mental Maths

6 rabbits and ducks live on a farm. Together they have 16 feets. How many rabbits are there?

Ans. 2

How many ducks are there?

Ans. 4

Test Exercise

1. Using long division, find the quotient.

a. $18 \div 6 = \mathbf{3}$ b. $40 \div 5 = \mathbf{8}$

c. $35 \div 7 = \mathbf{5}$ d. $48 \div 6 = \mathbf{8}$

e. $81 \div 9 = \mathbf{9}$ f. $90 \div 10 = \mathbf{9}$

g. $30 \div 6 = \mathbf{5}$ h. $40 \div 5 = \mathbf{8}$

i. $72 \div 8 = \mathbf{9}$ j. $49 \div 7 = \mathbf{7}$

k. $56 \div 8 = \mathbf{7}$ l. $72 \div 9 = \mathbf{8}$

2. Using long division find the quotient and remainder :

a. $55 \div 6$ b. $83 \div 9$ c. $59 \div 9$ d. $66 \div 7$

$$\begin{array}{r} 9 \\ 6\overline{)55} \\ -54 \\ \hline 1 \end{array} \qquad \begin{array}{r} 9 \\ 9\overline{)83} \\ -81 \\ \hline 2 \end{array} \qquad \begin{array}{r} 6 \\ 9\overline{)59} \\ -54 \\ \hline 5 \end{array} \qquad \begin{array}{r} 9 \\ 7\overline{)66} \\ -63 \\ \hline 3 \end{array}$$

3. Fill in the blanks with the help of number line given below:

a. $12 \div 2 = \mathbf{6}$ b. $18 \div 6 = \mathbf{3}$ c. $12 \div 3 = \mathbf{4}$

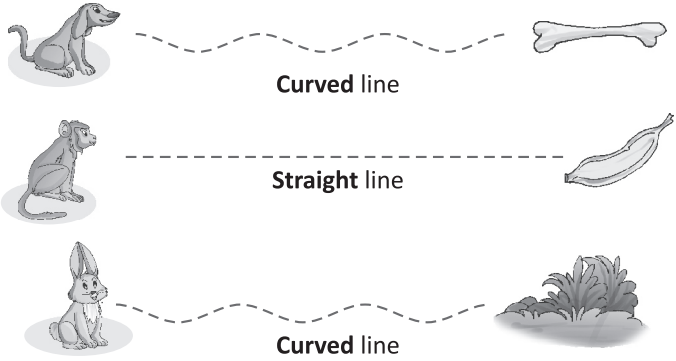
Chapter-7 Shapes

Types of Straight Lines

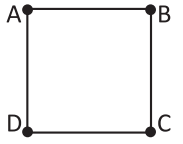
1. Count and write the number of lines :

Sleeping lines [4] Standing lines [5] Slanting lines [3]

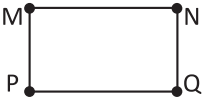
2. Trace along the path to get the animal to its food. Name the lines you get :



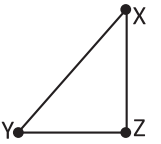
3. Join the points using a ruler and a pencil. Name the shapes you get :



Square



Rectangle



Triangle

4. Write how many lines are there in each picture.

a. slanting lines **2**
horizontal lines **1**

b. vertical lines **2**
horizontal lines **2**

c. curved lines **2**
vertical lines **2**

d. straight lines **1**
curved lines **2**

e. slanting lines **3**
horizontal lines **1**

f. curved lines **1**
vertical lines **2**

Plane Figures

1. Look at these pictures. Write how many sides and corners each has. Name the shape each looks like.

Number of straight sides = **4**
Number of corners = **4**
Name of shape : **Rectangle**
Number of straight sides = **2**
Number of corners = **0**
Name of shape : **Oval**
Number of straight sides = **4**
Number of corners = **4**
Name of shape : **Square**
Number of straight sides = **2**
Number of corners = **3**
Name of shape : **Triangle**

2. Identify the shape in the pictures below. Write S for square, R for rectangle, C for circle, T for triangle, and O for oval.

a. **R**
b. **T**
c. **O**
d. **H**
e. **R**
f. **S**
g. **T**
h. **C**
i. **S**

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

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

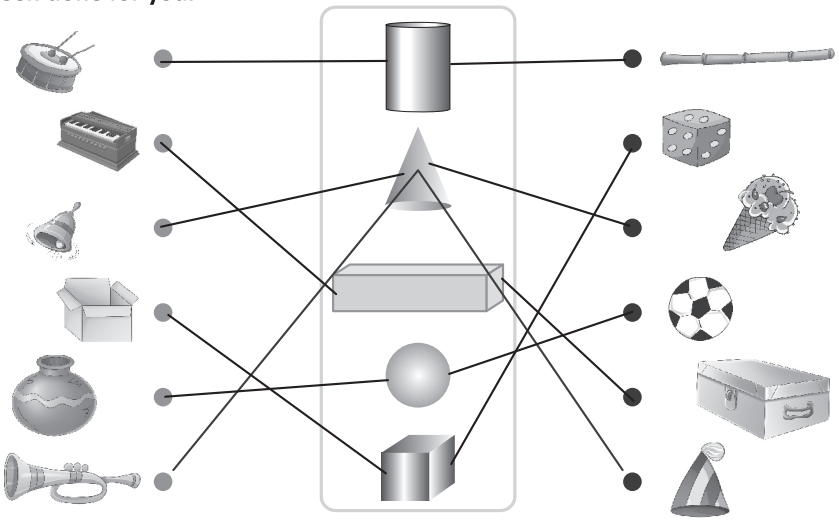
Solids or 3D Shapes

1. Identify and name the solid shapes.

a. Cylinder b. Sphere c. Cuboid

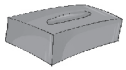
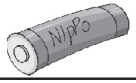
NCERT Corner

Match the musical instruments and objects with their solid shapes. One has been done for you.



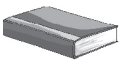
Rolling and Sliding

Find out whether these object roll or slide or both.

Object	Roll	Slide	Both
			✓
		✓	
	✓		
		✓	
	✓		
	✓		
	✓		

NCERT Corner

Look at the objects and fill the table.

Object	I look like a	Faces	Edges	Corners
	Cube	**6**	**12**	**6**
	Cuboid	**6**	**12**	**8**
	Cone	**2**	**1**	**1**
	Cylinder	**3**	**2**	**—**
	Sphere	**—**	**—**	**—**
	Cuboid	**6**	**12**	**8**
	Cone	**2**	**1**	**1**
	Cylinder	**3**	**2**	**—**

Multiple choice Questions

Tick (✓) the correct choice :

1. (b) 2. (b) 3. (b) 4. (c)

Mental Maths

Fill in the blanks :

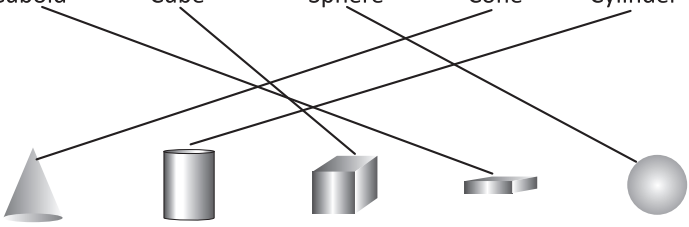
1. I am a **Cube**.
2. I am a **Cuboid**.
3. I am a **Cone**.

4. I am like a ball. I am a **Sphere**.
5. A dice is a **Cube**.

Test Exercise

1. Match the following :

a. Cuboid Cube Sphere Cone Cylinder



b. Now colour the shapes.
Do it yourself

2. How many of each do you see?

Sleeping lines	**4**
Standing lines	**5**
Slanting lines	**3**

3. Name two objects which resemble line given shapes:

a. Cuboid	**Match box**	**Book**
b. Cube	**Dice**	**Ice Cube**
c. Cylinder	**Gas cylinder**	**Water bottle**
d. Sphere	**Football**	**Globe**
e. Cone	**Joker's Cap**	**Carrot**

4. Fill in the blanks:

a. A sphere has **no** vertex.
b. The edges of a **cuboid** are not equal.
c. A cuboid has **8** corners.
d. A cylinder has **2** flat faces.
e. **Cone** has only one vertex.

5. Write (T) for true and (F) for false statements:

a. T b. T c. F d. F e. T

Chapter-8 Measurements

Fill in the blanks :

The jug can hold **7** glasses of water.
So, the capacity of the **jug** is more than the capacity of the **glass**.
The bottle can hold **3** glasses of water.
So, the capacity of the **bottle** is more than the capacity of the **glass**.

Measuring With the Help of Ruler

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

a. 1.5 cm b. 3.5 cm c. 5.5 cm
d. 6.5 cm e. 9.5 cm

2. **Write 4 things whose length would be more than 1 m :**
   a. Truck b. Aeroplane c. Car d. Room
3. **Write 4 things whose length would be less than 1 m :**
   a. Spoon b. Pen c. Water bottle d. Book
4. **Write whether the lengths of the following things are measured in m or cm :**
   a. The length of a car **metres**.
   b. The length of your pen **centimetres**.
   c. The length of your spoon **centimetres**.
5. **Tick (✓) the correct unit. Which standard unit will you use to measure**.

	m	cm
The height of a  ?		✓
The height of your  ?		✓
The length of your  ?		✓
The length of a  ?		✓
The height of your  ?	✓	

6. **Using a ruler, measure the length of the following lines.**
   b. PQ is **4.5** centimeters long.
   c. XY is **3.9** centimeters long.
   d. LM is **5.7** centimeters long.

Addition and Subtraction of Length

1. **Add the following :**

a.

m	cm
16	25
+ 28	30
44	55

b.

m	cm
65	31
+ 34	22
99	53

c.

m	cm
62	43
+ 21	12
63	55

d.

m	cm
21	20
+ 15	25
36	45

e.

m	cm
54	40
+ 45	15
99	55

f.

m	cm
2	43
+ 1	33
3	76

g.

m	cm
3	6
+ 4	2
7	8

h.

m	cm
56	33
+ 32	22
88	55

i.

m	cm
7	26
+ 7	54
14	80

2. Subtract the following :

a.

m	cm
565	87
– 232	46
333	41

b.

m	cm
888	88
– 234	25
654	63

c.

m	cm
478	60
– 235	40
243	20

d.

m	cm
705	18
– 365	20
339	98

e.

9	0	m
– 3	6	m
5	4	m

f.

5	0	0	m
– 2	0	0	m
3	0	0	m

g.

m	cm
587	60
– 234	40
353	20

h.

m	cm
679	88
– 322	45
357	43

i.

m	cm
4	28
– 1	36
2	92

j.

m	cm
5	85
– 3	23
2	62

k.

m	cm
6	39
– 5	14
1	25

l.

m	cm
47	92
– 23	30
24	62

Measurement of Weight (Mass)

1. Write the weight of the following :

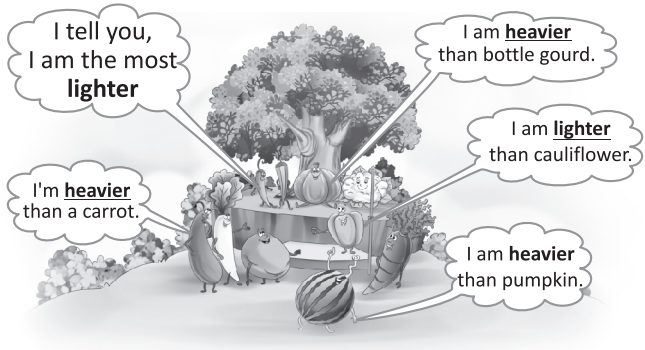
a. [6] kg b. [8] kg c. [2] kg d. [50] kg

2. Write wheather the weights of the following things are measured in g or kg :

a. A chocolate **grams**
b. A table **kilograms**
c. An eraser **grams**
d. A bunch of grapes **grams**
e. A boy **kilograms**

NCERT Corner

Look at the picture and compare which vegetables are lighter or heavier than the other vegetables.



Fill in the blanks.

A. Muskmelon is heavier than carrot.
B. Capsicum is lighter than **pumpkin**.
C. **Watermelan** is heavier than **pumpkin**.
D. **Pumpkin** is lighter than **watermelon**.
E. **Watermelan** is the heaviest of all.
F. **Green chilli** is the lightest of all.

Addition and Subtraction of Weight

1. Add the following :

a.

3	5	kg
+ 3	1	kg
6	6	kg

b.

kg	g
57	152
+ 30	46
87	612

c.

kg	g
71	534
+ 14	51
86	44

d.

kg	g
312	100
+ 232	151
554	251

e.

kg	g
7	167
+ 2	320
9	482

f.

kg	g
5	438
+ 1	325
6	763

g.

kg	g
56	250
+ 25	102
81	352

h.

kg	g
3	430
+ 9	776
13	206

i.

kg	g
95	100
+ 25	300
120	400

2. Subtract the following :

a.

kg	g
14	150
– 10	150
4	

b.

kg	g
78	650
–56	560
22	90

c.

kg	g
175	720
–87	050
88	670

d.

kg	g
872	375
– 691	166
181	209

e.

kg	g
10	660
–6	475
4	182

f.

kg	g
6	836
–3	542
3	294

g.

kg	g
7	195
– 2	073
5	122

h.

kg	g
72	350
–18	150
54	200

i.

kg	g
58	300
–26	200
32	100

j.

kg	g
26	300
– 14	150
12	150

k.

kg	g
9	640
– 5	265
4	325

l.

kg	g
75	350
– 45	300
30	50

m.

kg	g
32	200
– 15	150
17	50

n.

kg	g
65	350
– 15	150
5	200

o.

kg	g
78	250
– 60	120
28	230

Measurement of Capacity

1. The capacity of the glass is 20 ml. Write the capacity of the vessels as per the number of glasses :

a. Jug 100 ml
b. Bowl 60 ml
c. Bottle 120 ml
d. Bucket 300 ml

2. Write the four things whose capacity is more than 1 litre :

a. Bucket
b. Water Tank
c. Water container
d. Milk container

3. Write four things whose capacity is less than 1 litre :

a. Glass
b. Water bottle
c. Water Jug
d. Bowl

4. Is the capacity of your water bottle less than 1 litre?

Yes

NCERT Corner

1. Do it yourself
2. Do it yourself

Addition and Subtraction of Units of Capacity

1. Add the following :

a.

3	5	0 ml
+ 1	0	0 ml
4	5	0 ml

b.

l	ml
12	750
+ 17	240
29	990

c.

l	ml
92	100
+ 17	159
109	259

d.

l	ml
427	100
+ 371	260
798	364

e.

l	ml
4	615
+ 2	250
61	865

f.

l	ml
26	148
+ 16	246
42	324

2. Subtract the following :

a.

l	ml
37	280
–19	190
28	90

b.

l	ml
180	015
– 98	000
82	15

c.

l	ml
396	150
– 180	70
216	80