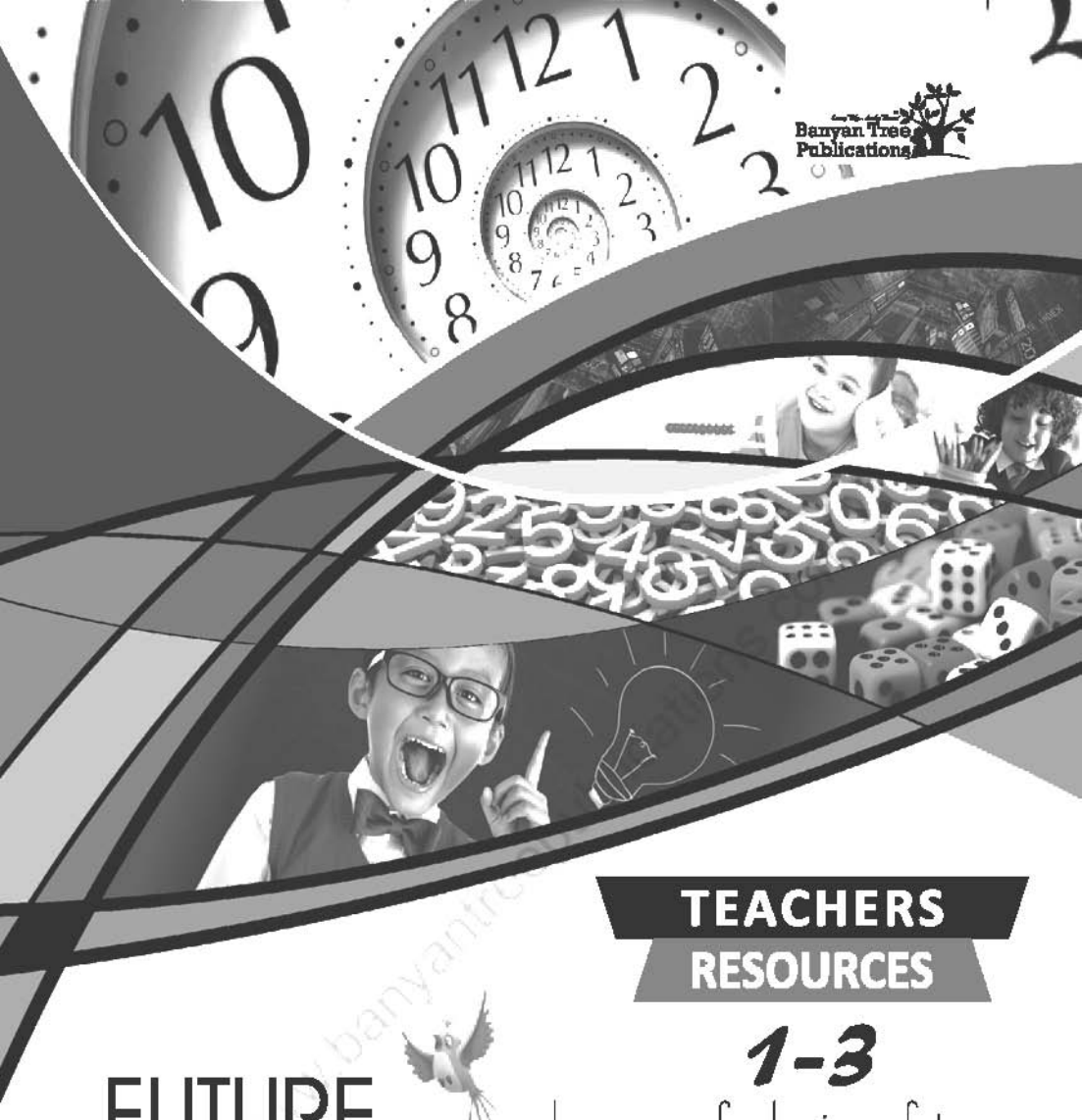


Banyan Tree Publications

TEACHERS RESOURCES

1-3

learn more for beginner future

FUTURE MATHEMATICS

(Based on latest syllabus prescribed by N.C.E.R.T. as per C.B.S.E. guidelines)

BANYAN TREE PUBLICATIONS
NOIDA - NEW DELHI

Part-1

Chapter-1 (Revision)

Exercise 1.1

1. Count and write :

10, 10, 5, 3, 4, 2

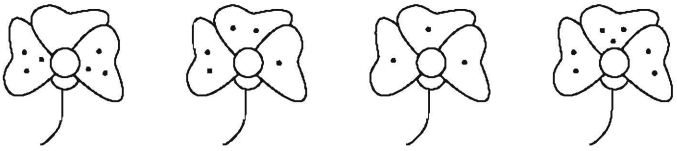
2. Number facts :

(a) 2 (two), (b) 1 (one), (c) 4 (four), (d) 2 (two), (e) 8 (eight)

3. Match the following :

a – 7, b – 3, c – 5, d – 8, e – 4, f – 1, g – 10,
h – 2, i – 6, j – 12, k – 9, l – 11

4. Draw dots to match numbers :



5. Tick (✓) the correct number :

✓			
6	2	4	8

✓			
3	4	6	5

			✓
6	7	8	4

	✓		
6	8	5	3

	✓		
7	3	5	8

		✓	
4	6	2	7

6. Draw and Colour :

(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

Exercise 1.2

1. Fill in the missing number :

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

2. Put the correct symbol >, =, or < :

(a) < (b) > (c) > (d) < (e) = (f) > (g) < (h) < (i) <

3. Tick (✓) the larger number :

(a) (6) (b) (9) (c) (8) (d) (5) (e) (3) (f) (10) (g) (6) (h) (4)

4. Tick (✓) the smaller number :

(a) (5) (b) (7) (c) (3) (d) (1) (e) (2) (f) (6) (g) (1) (h) (2)

5. Match the letters of the alphabet :

16, 5, 1, 3, 15, 6, 11

6. Add :

(a) 5 (b) 9 (c) 6 (d) 7 (e) 9 (f) 4 (g) 7 (h) 6

7. Add :

(a) $2+5=7$ (b) $3+4=7$ (c) $3+1=4$ (d) $2+2=4$

(e) $3+2=5$ (f) $3+3=6$ (g) $7+2=9$ (h) $5+3=8$

(i) $9+1=10$ (j) $6+4=10$ (k) $5+2=7$ (l) $7+5=12$

8. Complete :

(a) $2+4=4+\textcircled{2}=6$ (b) $3+3=3+\textcircled{3}=6$ (c) $5+2=2+\textcircled{5}=7$

(d) $9+1=1+\textcircled{9}=10$ (e) $3+4=4+\textcircled{3}=7$ (f) $6+3=3+\textcircled{6}=9$

9. Add across And down :

(a)

2	4	6
1	3	4
3	7	10

(b)

2	3	5
5	2	7
7	5	12

(c)

3	2	5
5	4	9
8	6	14

10. Fill in the correct position :

second, fourth, fifth, sixth, seventh, ninth, tenth

Exercise 1.3

1. There are four children on the hill now.

2. Subtract :

(a) $\begin{array}{r} 5 \\ -\ 5 \\ \hline 0 \end{array}$ (b) $\begin{array}{r} 7 \\ -\ 2 \\ \hline 5 \end{array}$ (c) $\begin{array}{r} 3 \\ -\ 2 \\ \hline 1 \end{array}$ (d) $\begin{array}{r} 10 \\ -\ 8 \\ \hline 2 \end{array}$

(e) $\begin{array}{r} 8 \\ -\ 4 \\ \hline 4 \end{array}$ (f) $\begin{array}{r} 4 \\ -\ 4 \\ \hline 0 \end{array}$ (g) $\begin{array}{r} 8 \\ -\ 6 \\ \hline 2 \end{array}$ (h) $\begin{array}{r} 3 \\ -\ 1 \\ \hline 2 \end{array}$

(i) $\begin{array}{r} 4 \\ -\ 2 \\ \hline 2 \end{array}$ (j) $\begin{array}{r} 9 \\ -\ 3 \\ \hline 6 \end{array}$ (k) $\begin{array}{r} 7 \\ -\ 4 \\ \hline 3 \end{array}$ (l) $\begin{array}{r} 8 \\ -\ 8 \\ \hline 0 \end{array}$

3. Subtract :

(a) $9-6=3$ (b) $3-1=2$ (c) $10-5=5$ (d) $9-9=0$

(e) $5-2=3$ (f) $9-4=5$ (g) $4-3=1$ (h) $10-2=8$

(i) $5-5=0$ (j) $7-3=4$ (k) $6-3=3$ (l) $4-2=2$

Exercise 1.4

1. Children in park = 5

Children join them = 3

Total = 08

There are total 8 children

$$\begin{array}{r} \text{T}\ \text{O} \\ 0\ 5 \\ +\ 0\ 3 \\ \hline 0\ 8 \end{array}$$

2. There are 10 seeds in all.

	T	O
	①	
	0	4
+	0	6
	1	0

3. There are total 8 flowers in vase

	T	O
	0	4
+	0	4
	0	8

4. Rohan has total 8 cars

	T	O
	0	3
+	0	5
	0	8

5. There are now total 6 pups.

	T	O
	0	4
+	0	2
	0	6

6. There are now total 9 vegetables in all.

	T	O
	0	7
+	0	2
	0	9

7. There are total 8 sweets.

	T	O
	0	5
+	0	3
	0	8

8. There are total 10 grapes.

	T	O
	0	4
+	0	6
	1	0

9. There are total 9 birds in all.

	T	O
	0	6
+	0	3
	0	9

10. There are total 8 owls.

	T	O
	0	5
+	0	3
	0	8

11. There are total 6 cars left in box.

	T	O
	0	9
−	0	3
	0	6

12. There are total 3 balls left on the table.

	T	O
	0	6
−	0	3
	0	3

13. There are total 3 children in the pool now.

	T	O
	0	8
−	0	5
	0	3

14. There are total 4 cones, were left eating.

	T	O
	0	9
−	0	5
	0	4

15. There are total 6 chikens left behind.

	T	O
	1	0
−	0	4
	0	6

Exercise 2.1

1. Write numbers 1 to 100

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	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	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	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

2. 50, 51, 52, 53, 54, 55, 56, 57, 58, 59,
70, 71, 72, 73, 74, 75, 76, 77, 78, 79
20, 21, 22, 23, 24, 25, 26, 27, 28, 29
90, 91, 92, 93, 94, 95, 96, 97, 98, 99

3. Write the number names :

(a) 24 = twenty four
(b) 100 = one hundred
(c) 9 = nine
(d) 18 = eighteen
(e) 35 = thirty five
(f) 26 = twenty six
(g) 63 = sixty three
(h) 98 = ninety eight
(i) 34 = thirty four
(j) 92 = ninety two
(k) 67 = sixty seven
(l) 56 = fifty six
(m) 25 = twenty five
(n) 16 = sixteen
(o) 39 = thirty nine
(p) 43 = forty three
(q) 38 = thirty eight
(r) 81 = eighty one
(s) 90 = ninty
(t) 50 = fifty
(u) 76 = seventy six
(v) 82 = eighty two

4. There are total 44 flowers in all.

Exercise 2.2

1. Encircle the bigger number :

(a) (13) 4
(b) (28) 16
(c) 32 (36)
(d) (53) 42
(e) (50) 26.
(f) 73 (79)

2. Encircle the smaller number :

(a) 34 (32)
(b) (9) 13
(c) (16) 20
(d) 18 (16)
(e) (36) 58
(f) (23) 36

3. Put > or < :

(a) 46 (>) 39 (b) 56 (>) 49 (c) 28 (>) 25
(d) 80 (>) 69 (e) 73 (<) 80 (f) 75 (>) 58
(g) 43 (>) 26 (h) 93 (<) 98

4. Encircle the biggest number :

(a) (69), 66, 63 (b) 24, 56, (63) (c) 81, 83, (87)
(d) 45, (48), 46 (e) 27, (81), 73 (f) 32, (38), 34

5. Encircle the smallest number :

(a) (22), 38, 47 (b) (26), 54, 84 (c) 84, (22), 86
(d) 73, (70), 76 (e) (67), 70, 73 (f) (61), 67, 64

6. Arrange the numbers in increasing order :

(a) 26, 45, 84 (b) 36, 38, 92
(c) 32, 54, 94 (d) 63, 80, 99

7. Arrange the numbers in descending order :

(a) 86, 73, 43 (b) 48, 30, 22
(c) 62, 59, 34 (d) 98, 76, 24

Exercise 2.3

1. Write ordinal numbers :

(a) First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth
(b) First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth
(c) First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth

2. Fill in the blanks :

(a) fourth (b) fifth (c) sixth (d) ninth (e) fifth

3. Write the name of the animal :

Dog Goat Goat Giraffe

4. Fill in the blanks :

(a) 22 (b) 85 (c) 57 (d) 92 (e) 44 (f) 31

5. Fill in the blanks :

(a) 53 (b) 82 (c) 24 (d) 37 (e) 76 (f) 99

6. Write even numbers upto 20 :

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

7. Write odd numbers upto 20 :

1, 3, 5, 7, 9, 11, 13, 15, 17, 19

Exercise 2.4

Tick (✓) correct answer :

1. (c) 2. (a)
3. (c) 4. (a)
5. (d) 6. Do it yourself.

Exercise 3.1

1. Fill in the blanks :

(a) 0 + 9 = 9	(b) 18 + 0 = 18	(c) 0 + 1 = 1
(d) 32 + 0 = 32	(e) 8 + 0 = 8	(f) 0 + 16 = 16
(g) 21 + 0 = 21	(h) 23 + 0 = 23	(i) 0 + 15 = 15
(j) 0 + 19 = 19	(k) 20 + 0 = 20	(l) 24 + 0 = 24
(m) 0 + 7 = 7	(n) 30 + 0 = 30	(o) 0 + 2 = 2
(p) 11 + 0 = 11	(q) 12 + 0 = 12	(r) 0 + 18 = 18
(s) 17 + 0 = 17	(t) 36 + 0 = 36	(u) 9 + 0 = 9

2. Fill in the blanks :

(a) 3 + 4 = 7	(b) 8 + 8 = 16	(c) 1 + 4 = 5
(d) 7 + 3 = 10	(e) 2 + 0 = 2	(f) 7 + 8 = 15
(g) 5 + 3 = 8	(h) 8 + 3 = 11	(i) 6 + 2 = 8
(j) 9 + 5 = 14	(k) 9 + 4 = 13	(l) 9 + 1 = 10
(m) 3 + 8 = 11	(n) 9 + 6 = 15	(o) 1 + 9 = 10
(p) 6 + 7 = 13	(q) 2 + 6 = 8	(r) 5 + 8 = 13
(s) 3 + 2 = 5	(t) 4 + 6 = 10	(u) 9 + 8 = 17
(v) 6 + 8 = 14	(w) 12 + 5 = 17	(x) 6 + 3 = 9

Exercise 3.2

1. Add the following numbers :

(a)
T	O
2	3
+ 3	2
5	5

(b)
T	O
1	6
+ 2	2
3	8

(c)
T	O
3	6
+ 1	0
4	6

(d)
T	O
5	3
+ 2	3
7	6

(e)
T	O
7	5
+ 2	1
9	6

(f)
T	O
3	4
+ 4	5
7	9

(g)
T	O
4	6
+ 5	2
9	8

(h)
T	O
5	0
+ 3	5
8	5

(i)
T	O
3	6
+ 1	2
4	8

(j)
T	O
5	2
+ 4	5
9	7

(k)
T	O
2	5
+ 5	2
7	7

(l)
T	O
3	0
+ 4	5
7	5

2. Add the following numbers :

(a)
T	O
1	2
2	3
+ 4	2
7	7

(b)
T	O
3	2
5	1
+ 1	5
9	8

(c)
T	O
2	5
1	1
+ 2	3
5	9

(d)
T	O
1	3
1	0
+ 1	5
3	8

(e)
	T	O
	2	0
	2	5
+	5	2
	9	7

(f)
	T	O
	1	6
	2	0
+	5	1
	8	7

(g)
	T	O
	1	0
	3	2
+	2	5
	6	7

(h)
	T	O
	7	1
	1	2
+	0	3
	8	6

(i)
	T	O
	5	1
	2	3
+	1	0
	8	4

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

(k)
	T	O
	3	5
	0	2
+	1	1
	4	8

(l)
	T	O
	4	2
	1	5
+	2	1
	7	8

(m)
	T	O
	2	2
	1	2
+	1	5
	4	9

(n)
	T	O
	1	2
		5
+	5	2
	6	9

(o)
	T	O
	3	1
	2	0
+	0	6
	5	7

Exercise 3.3

1. Add the following numbers :

(a)
	T	O
	①	◯
	3	5
+	2	8
	6	3

(b)
	T	O
	①	◯
	2	4
+	1	9
	4	3

(c)
	T	O
	①	◯
	5	3
+	2	7
	8	0

(d)
	T	O
	①	◯
	4	6
+	4	5
	9	1

(e)
	T	O
	①	◯
	7	2
+	1	8
	9	0

(f)
	T	O
	①	◯
	6	8
+	1	7
	8	5

(g)
	T	O
	①	◯
	6	6
+	1	6
	8	2

(h)
	T	O
	①	◯
	2	5
+	1	9
	4	4

(i)
	T	O
	①	◯
	4	8
+	1	7
	6	5

2. There are total 41 vegetables in all.

	T	O
	①	◯
	1	5
+	2	6
	4	1

3. There are total 64 sweets in all.

	T	O
	①	◯
	3	8
+	2	6
	6	4

4. Anita buys total 100 roses.

	T	O
	①	◯
	5	5
+	4	5
	10	0

5. There are total 62 children in all.

	T	O
	①	◯
	3	5
+	2	7
	6	2

6. There are total 94 trees in farm.

	T	O
	①	◯
	4	9
+	4	5
	9	4

	T	O
	①	◯
	5	2
+	0	8
	6	0

7. There are 60 books in all .

8. There are total 63 animals in park.

	T	O
	①	◯
	3	6
+	2	7
	6	3

Exercise 3.4

Tick (✓) the correct answer :

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

5. Rekha have total 61 flowers in basket

	T	O
	①	◯
	3	6
+	2	5
	6	1

6. (a) 15

7. (b) 119

8. (c) 42

Chapter-4 (Subtraction)

Exercise 4.1

1. Fill in the blanks :

(a) 5 – 0 = 5 (b) 25 – 0 = 25 (c) 1 – 0 = 1
(d) 16 – 0 = 16 (e) 3 – 0 = 3 (f) 12 – 0 = 12
(g) 2 – 0 = 2 (h) 15 – 0 = 15 (i) 8 – 0 = 8
(j) 11 – 0 = 11 (k) 21 – 0 = 21 (l) 30 – 0 = 30
(m) 9 – 0 = 9 (n) 5 – 0 = 5 (o) 45 – 0 = 45

2. Fill in the blanks :

(a) 6 – 2 = 4 (b) 4 – 3 = 1 (c) 9 – 5 = 4
(d) 3 – 1 = 2 (e) 7 – 3 = 4 (f) 14 – 6 = 8
(g) 9 – 4 = 5 (h) 11 – 6 = 5 (i) 4 – 2 = 2
(j) 0 – 0 = 0 (k) 12 – 3 = 9 (l) 13 – 0 = 13
(m) 12 – 9 = 3 (n) 14 – 7 = 7 (o) 9 – 3 = 6
(p) 5 – 2 = 3 (q) 14 – 3 = 11 (r) 6 – 3 = 3
(s) 7 – 2 = 5 (t) 18 – 3 = 15 (u) 9 – 9 = 0

Exercise 4.2

1. Subtract :

(a)
T	O
3	7
− 1	5
2	2

(b)
T	O
5	8
− 2	4
3	4

(c)
T	O
7	6
− 2	3
5	3

(d)
T	O
8	9
− 2	8
6	1

(e)
T	O
3	8
− 1	4
2	4

(f)
T	O
5	3
− 4	2
1	1

(g)
T	O
6	9
− 2	3
4	6

(h)
T	O
7	8
− 2	3
5	5

(i)
T	O
7	8
− 2	5
5	3

2. Subtract the following numbers :

(a)
T	O
④	⑬
~~5~~	~~3~~
− 1	8
3	5

(b)
T	O
⑤	⑫
~~6~~	~~2~~
− 2	9
3	3

(c)
T	O
⑦	⑪
~~8~~	~~1~~
− 3	9
4	2

(d)
T	O
④	⑫
~~5~~	~~2~~
− 3	9
1	3

(e)
T	O
⑦	⑩
~~8~~	~~0~~
− 3	5
4	5

(f)
T	O
⑤	⑰
~~6~~	~~7~~
− 4	8
1	9

(g)
T	O
⑤	⑩
~~6~~	~~0~~
− 4	5
1	5

(h)
T	O
④	⑫
~~5~~	~~2~~
− 3	7
1	6

(i)
T	O
⑥	⑯
~~7~~	~~6~~
− 2	8
4	8

Exercise 4.3

1. Total ballons = 64
No. of burst ballons = 32
So, no. of ballons left = 64 – 32 = 32

T	O
6	4
− 3	2
3	2

2. Total person sit in bus = 55
Seats occupied = 32
So, no. of seats empty = 55 – 32
= 23

T	O
5	5
− 3	2
2	3

3. No. of yellow balloons = 36
No. of green balloons = 15
So, No. of more yellow balloons = 36 – 15
= 21

T	O
3	6
− 1	5
2	1

4. Sweets with Tony = 63
Sweets given to friend = 38
So, No of sweets left with him = 63 – 38
= 25

Tony has 25 sweets left with him.

T	O
⑤	⑬
~~6~~	~~3~~
− 3	8
2	5

5. Ice creams purchased = 52
Orange flavoured Ice cream = 36
So, Ice cream not orange flavoured = 52 – 36
= 16
16 ice-creams are not orange flavoured.

	T	O
	④	⑫
	~~5~~	~~2~~
–	3	6
	1	6

6. Total number of apples = 71
Number of rotten apples = 49
So, the number of good apples = 71 – 49
= 22

	T	O
	⑥	⑪
	~~7~~	~~1~~
–	4	9
	2	2

Exercise 4.4

Tick (✓) the correct answer :

1. (b) 9 – 0 = 9 **2.** (a) 7 – 4 = 3 **3.** (c) 14 – 9 = 5

4. (a)

T	O
9	6
– 2	4
7	2

5. (b) Total no of apples = 85
No. of Rotten apples = 26
So, number of good apples = 85 – 26
= 59

	T	O
	⑦	⑮
	~~8~~	~~5~~
–	2	6
	5	9

6. (d)

T	O
8	0
– 4	0
4	0

7. (b) 24 – 0 = 24

8. (d) Total no. of sweets = 52
Sweets given to his friend = 36
So, sweets left with him = 52 – 36 = 16

	T	O
	④	⑫
	~~5~~	~~2~~
–	3	6
	1	6

Test Paper-1

1. Fill in the missing numbers :
1, 2, 3, 4, 5, 6, 7, 8, 9, 10

2. Write the number names of following numerals:
(a) Thirty six (b) Seventy three (c) Twenty five
(d) Forty five (e) Ninety four (f) Eighty two

3. Arrange the numbers in increasing order :
(a) 36, 42, 53 (b) 24, 36, 86 (c) 35, 68, 96

4. Write the odd numbers upto 20 :
1, 3, 5, 7, 9, 11, 13, 15, 17, 19

5. Add :

(a)

T	O
1	5
+ 2	3
3	8

(b)

T	O
2	5
+ 3	4
5	9

(c)

T	O
3	8
+ 5	6
9	4

6. Subtract :

(a)
T	O
5	8
− 2	3
3	5

(b)
T	O
9	6
− 5	1
4	5

(c)
T	O
⑥	⑬
~~7~~	~~3~~
− 2	6
4	7

7. Fill in the blanks :

(a) 42 (b) 44 (c) 5 + 0 = 5 (d) 9 – 6 = 3 (e) 52 – 0 = 52

8. Ronit has 4 toy cars

Ronit has 3 toy engines.

So, Total toys are 4 + 3 = 7

9. 1. (a) fifty two 2. (c) 82 3. (c) 49 4. (a) 38 5. (a) 22

10. Toffes with Sonam = 8

Toffes given to younger brother = 3

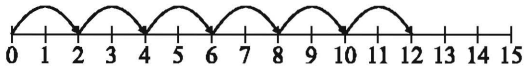
So, Toffess with Sonam = 8 – 3 = 5

Chapter-5 (Multiplication)

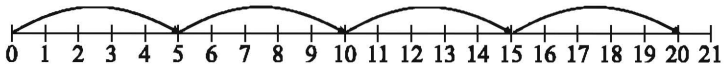
Exercise 5.1

1. Add on the number line :

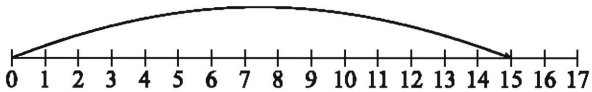
(a)



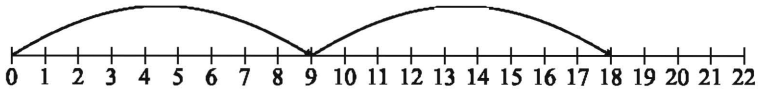
(b)



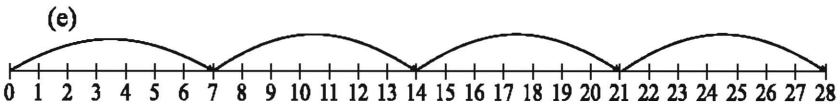
(c)



(d)



(e)



2. Fill in the blanks :

(a) 2 × 7 = 14	(b) 5 × 5 = 25	(c) 1 × 8 = 8
(d) 9 × 6 = 54	(e) 3 × 9 = 27	(f) 7 × 5 = 35
(g) 4 × 4 = 16	(h) 8 × 5 = 40	(i) 3 × 5 = 15
(j) 5 × 6 = 30	(k) 9 × 7 = 63	(l) 2 × 8 = 16
(m) 8 × 6 = 48		

Exercise 5.2

1. Using multiplication tables, fill in the blanks :

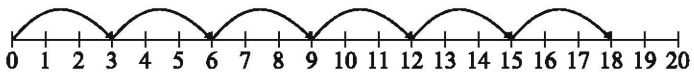
(a) $9 \times 2 = 18$	(b) $2 \times 8 = 16$	(c) $3 \times 6 = 18$
(d) $4 \times 9 = 36$	(e) $7 \times 2 = 14$	(f) $8 \times 2 = 16$
(g) $1 \times 9 = 9$	(h) $9 \times 9 = 81$	(i) $2 \times 8 = 16$
(j) $7 \times 6 = 42$	(k) $6 \times 8 = 48$	(l) $6 \times 4 = 24$
(m) $8 \times 4 = 32$	(n) $7 \times 7 = 49$	(o) $4 \times 4 = 16$
(p) $5 \times 6 = 30$	(q) $8 \times 3 = 24$	(r) $4 \times 5 = 20$

2. Multiply :

(a) $\begin{array}{r} 7 \\ \times\ 3 \\ \hline 2\ 1 \end{array}$ (b) $\begin{array}{r} 2 \\ \times\ 9 \\ \hline 1\ 8 \end{array}$ (c) $\begin{array}{r} 8 \\ \times\ 5 \\ \hline 4\ 0 \end{array}$ (d) $\begin{array}{r} 5 \\ \times\ 6 \\ \hline 3\ 0 \end{array}$

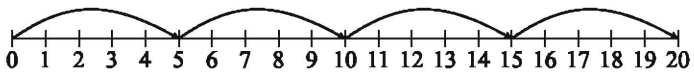
(e) $\begin{array}{r} 1\ 0 \\ \times\ 8 \\ \hline 8\ 0 \end{array}$ (f) $\begin{array}{r} 9 \\ \times\ 5 \\ \hline 4\ 5 \end{array}$ (g) $\begin{array}{r} 7 \\ \times\ 6 \\ \hline 4\ 2 \end{array}$ (h) $\begin{array}{r} 6 \\ \times\ 4 \\ \hline 2\ 4 \end{array}$

3.



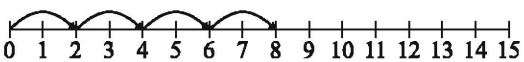
4.

5.

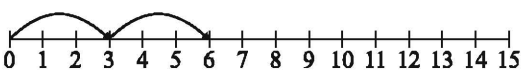


8. Multiply on the number line :

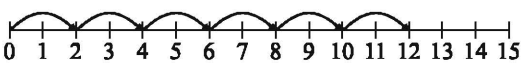
(a) $2 \times 4 = 8$



(b) $3 \times 2 = 6$



(c) $2 \times 6 = 12$



Exercise 5.3

1. No. of holes in 1 button = 5

So, No. of holes in 4 buttons = 4×5

= 20

T	O
	4
×	5
2	0

2. No. of petals in 1 flower = 6
So, No. of petals in 4 flower = 4 × 6
= 24

T	O
	6
×	4
2	4

3. No. of flowers in one plant = 8
So, No. of flowers in 5 plants = 8 × 5
= 40

T	O
	8
×	5
4	0

4. No. of blades in 1 fan = 3
So, No. of blades in 5 fan = 5 × 3
= 15

T	O
	5
×	3
1	5

Exercise 5.4

Tick (✓) the correct answer :

1. (b) **2.** (a) 2 × 6 = 12 **3.** (c) 9 × 3 = 27 **4.** (a) 9 × 7 = 63

Chapter-6 (Division)

Exercise 6.1

1. Divide by repeated subtraction :

(a) 14 – 7 = 7 1 times 7 – 7 = 0 2 times
So, 14 ÷ 7 = 2

(b) 18 – 3 = 15 1 times 15 – 3 = 12 2 times
12 – 3 = 9 3 times 9 – 3 = 6 4 times
6 – 3 = 3 5 times 3 – 3 = 3 6 times
So, 18 ÷ 3 = 6

(c) 10 – 5 = 5 1 times
5 – 5 = 0 2 times
So, 10 ÷ 5 = 2

(d) 20 – 4 = 16 1 times
16 – 4 = 12 2 times
12 – 4 = 8 3 times
8 – 4 = 4 4 times
4 – 4 = 0 5 times
So, 20 ÷ 4 = 5

2. Divide by repeated subtraction :

(a) 16 – 8 = 8 (1) 8 – 8 = 0 (2) = 16 ÷ 8 = 2

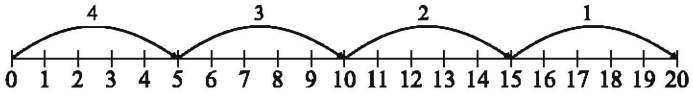
(b) 15 – 3 = 12 (1) 12 – 3 = 9 (2) 9 – 3 = 6 (3) 6 – 3 = 3 (4)
3 – 3 = 0 (5) = 15 ÷ 3 = 5

(c) $\underset{1}{\boxed{18-3=15}}$ $\underset{2}{\boxed{15-3=12}}$ $\underset{3}{\boxed{12-3=9}}$ $\underset{4}{\boxed{9-3=6}}$ $\underset{5}{\boxed{6-3=3}}$ $\underset{6}{\boxed{3-3=0}}$ $= 18 \div 3 = 6$

(d) $\underset{1}{\boxed{30-10=20}}$ $\underset{2}{\boxed{20-10=10}}$ $\underset{3}{\boxed{10-10=0}}$ $= 30 \div 10 = 3$

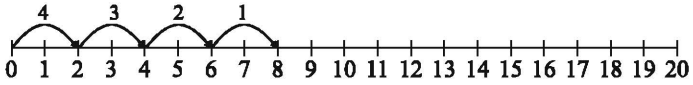
3. Divide on the number line :

(a)



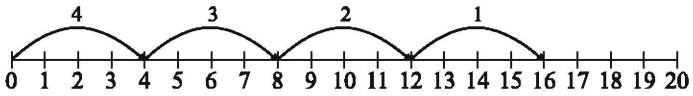
$20 \div 5 = 4$

(b)



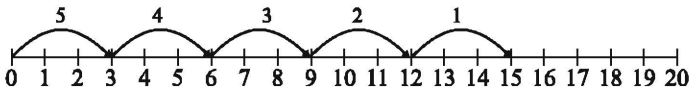
$8 \div 2 = 4$

(c)



$16 \div 4 = 4$

(d)



$15 \div 3 = 5$

Exercise 6.2

1. Divide using multiplication tables :

(a) $4 \times 8 = 32$, $32 \div 4 = 8$

(b) $6 \times 4 = 24$, $24 \div 6 = 4$

(c) $5 \times 6 = 30$, $30 \div 6 = 5$

(d) $3 \times 9 = 27$, $27 \div 3 = 9$

(e) $8 \times 9 = 72$, $72 \div 9 = 8$

(f) $6 \times 7 = 42$, $42 \div 6 = 7$

(g) $7 \times 6 = 42$, $42 \div 7 = 6$

(h) $3 \times 9 = 27$, $27 \div 3 = 9$

2. No. of children = 10
No. of roses = 40
So, No. of roses each child will get = $40 \div 10$
= 4

3. Total no. of ballons = 16
Ballon given to each child = 2

So, no. of children to given balloons = 16 ÷ 2 = 8

4. Total no. of toffees = 25
Total no. of children = 5
25 – 5 = 20 1 times
20 – 5 = 15 2 times
15 – 5 = 10 3 times
10 – 5 = 5 4 times
5 – 5 = 0 5 times
So, 25 ÷ 5 = 5

5. 49 – 7 = 42 1 times
42 – 7 = 35 2 times
35 – 7 = 28 3 times
28 – 7 = 21 4 times
21 – 7 = 14 5 times
14 – 7 = 7 6 times
7 – 7 = 0 7 times
So, 49 ÷ 7 = 7

6. No. of Marbles = 42
No. of children = 7
42 – 7 = 35 1 times
35 – 7 = 28 2 times
28 – 7 = 21 3 times
21 – 7 = 14 4 times
14 – 7 = 7 5 times
7 – 7 = 0 6 times
So, 42 ÷ 7 = 6

7. Chairs placed in one line = 5
So, 40 chairs are placed in 40 ÷ 5 = 8 lines

Exercise 6.3

Tick (✓) the correct answer :

1. (a) 54 ÷ 6 = 9 **2.** (a) 81 ÷ 9 = 9 **3.** (d) ÷

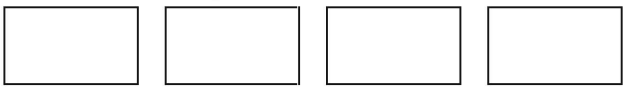
4. (d) 80 ÷ 5 = 16

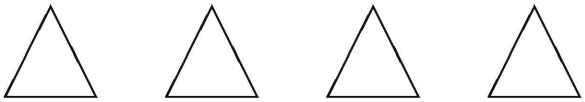
5. (c) Total no. of lollipops = 30
Total no. of children = 6
So, each children get 30 ÷ 6 lollipops = 5

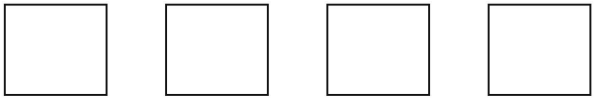
Chapter-7 (Shapes and Patterns)

Exercise 7.1

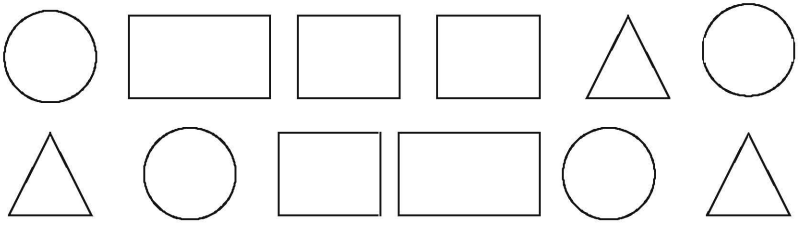
1. Trace and colour the shapes :

(a) 

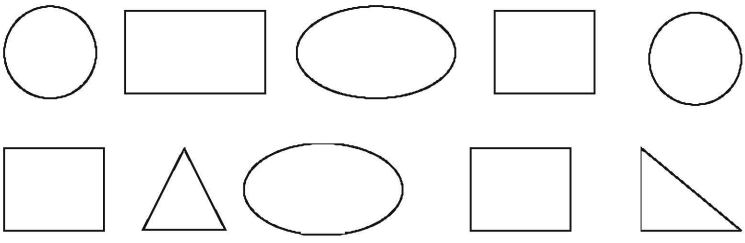
(b) 

(c) 

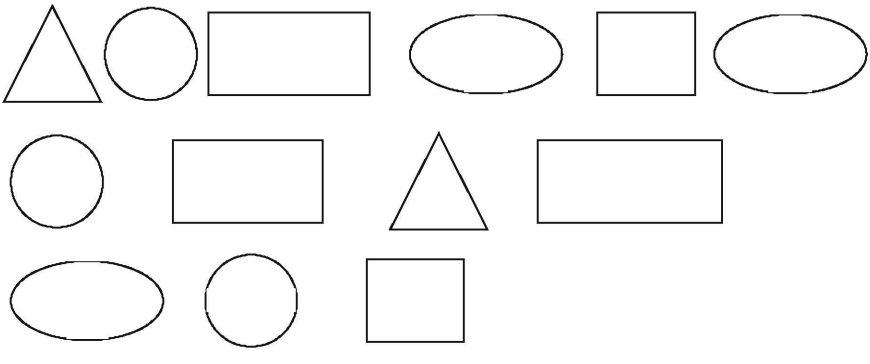
2. Colour the shapes in blue :



3. Colour the shapes in red.



4. Colour the shapes in green.



5. Write the answers :

(a) Total no. of squares = 13

(b) Total no. of triangles = 11

(c) Total no. of squares = 22

Exercise 7.2

1. Write the name of shapes :
   sphere, cylinder, cone, cuboid
2. Write the type of shapes :
   sphere, cube, cone, square, rectangle, cuboid
3. Fill in the blanks :
   (a) cube (b) rectangle (c) sphere (d) cylinder
   (e) cube (f) square
4. Tick (✓) the object that rolls :

 ✓

5. Tick (✓) the object which used open :

 ✓

Exercise 7.3

1. Understand the pattern and draw more :

(a)

(b)

(c)

(d)

(e)

(f)

(g)

Exercise 7.4

Tick (✓) the correct name of shapes given below:

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

Test Paper-II

1. Multiply :

(a)
T	O
	5
×	4
2	0

(b)
T	O
	3
×	6
1	8

(c)
T	O
	5
×	6
3	0

2. No. of students sit on a bench = 4

No. of students sit on 6 benches = 4 × 6 = 24

24 students can sit on 6 benches.

T	O
	4
×	6
2	4

3. Divide :

(a) $4\overline{)44}\,11$

	4
×	4
	4
×	

(b) $3\overline{)18}\,6$

1	8
×	

(c) $9\overline{)81}\,9$

8	1
×	

4. No. of chairs placed in one line = 6.

So, lines formed by 36 chairs = 36 ÷ 6 = 6

5. Total no. of ballons = 18

No. of ballons given to each child = 3

So, no of children are = 18 ÷ 3 = 6

6. Trace and colour the shapes.

(a)

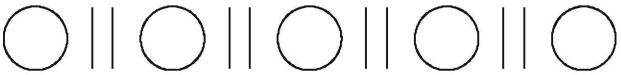
(b)

7. Write the name of the shape :

(a) cuboid (b) cuboid (c) sphere

8. Look at the pattern and do more :

(a)



(b)

(c)

9. Fill in the blanks :

(a) 5 × 3 = 15 (b) 18 ÷ 3 = 6 (c) sphere (d) cuboid

10. Tick (✓) the correct answer :

1. (b) $3 + 3 + 3 + 3 + 3 = 15$

2. (d) Eyes of 1 kitten = 2
   Eyes of 18 kittens = 18×2

T	O
①	
1	8
×	2
3	6

3. (c) $15 \div 5 = 3$
4. (d) Rectangle
5. (b) Cylinder

Model Paper-I

1. Put in the correct symbol >, < or = :

(a) $3 < 5$ (b) $8 > 3$ (c) $9 = 9$
(d) $3 > 1$ (e) $7 > 3$ (f) $6 < 9$

2. Arrange the numbers in increasing order :

(a) 15, 36, 76 (b) 30, 36, 84 (c) 54, 60, 89

3. Add the following numbers :

(a)
T	O
3	2
+ 2	5
5	7

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

(c)
T	O
2	3
+ 3	6
5	9

4. Subtract the following numbers :

(a)
T	O
9	4
− 3	2
6	2

(b)
T	O
5	2
− 2	1
3	1

(c)
T	O
8	7
− 3	2
5	5

5. Multiply :

(a)
T	O
	8
×	2
1	6

(b)
T	O
	5
×	3
1	5

(c)
T	O
	4
×	8
3	2

6. Divide :

(a)
	T	O	
2	1	2	6
	1	2	
		×	

(b)
	T	O	
3	1	8	6
	1	8	
		×	

(c)
	T	O	
5	2	5	5
	2	5	
		×	

7. Write the type of the shape :

(a) rectangle (b) square (c) cuboid
(d) cylinder (e) cone (f) sphere

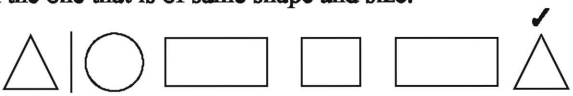
8. Tick (✓) the correct answers :

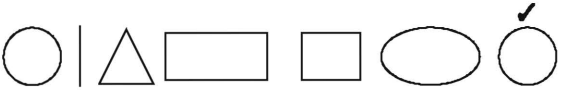
1. (c) 2. (a) 3. (d)
4. (c) 5. (a)

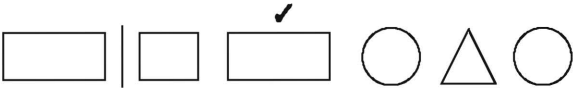
Chapter-8 (Size)

Exercise 8.1

1. Tick the one that is of same shape and size.

(a) 

(b) 

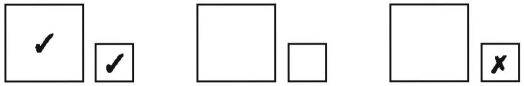
(c) 

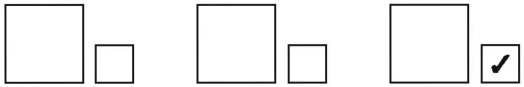
(d) 

2. Tick (✓) the longest and cross (✗) the shortest :
   (a) ✓ (c) ✗ (d) ✗ (f) ✓ (g) ✗ (i) ✓
3. Tick (✓) the tallest and cross (✗) the shortest :
   (a) ✓ (c) ✗ (d) ✗ (f) ✓ (g) ✓ (i) ✗

Exercise 8.2

3. Tick (✓) the thickest and cross (✗) the thinnest :

(a) 

(b) 

Chapter-9 (Measurement)

Exercise 9.1

1. Fill in the blanks :
   (a) Do it yourself (b) Do it yourself (c) Do it yourself
   (d) Do it yourself (e) Do it yourself
2. Measure the length of following things : Do it yourself

Exercise 9.2

1. Write the weight :
   (a) 1 kg (b) 200 g
2. (a) H, L (b) L, H (c) L, H (d) H, L

Exercise 9.3

1. Tick the container that holds less :

(a) ☐, ☑ (b) ☑, ☐

2. Tick the container that holds more :

(a) ☑, ☐ ☑, ☐

(b) ☑, ☐ ☑, ☐

Exercise 9.4

Tick (✓) the correct answer :

(a) 10 m*l* (b) 2 kg (c) 18 cm (d) 1m (e) 150 g

Chapter-10 (Money)

Exercise 10.1

1. Match the following :

(a) 9 (b) 19 (c) 10 (d) 50 (e) 90

2. Count and write :

(a) 10 (b) 25 (c) 15 (d) 70 (e) 80

Exercise 10.2

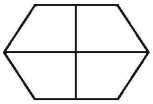
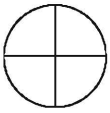
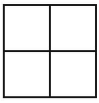
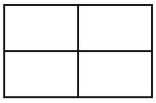
Tick (✓) the correct answer :

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

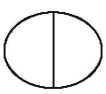
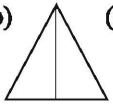
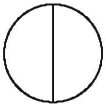
Chapter-11 (Fractions)

Exercise 11.1

1. Divide each shape into four equal parts :

(a)  (b)  (c)  (d) 

2. Divide each shape into half.

(a)  (b)  (c)  (d)  

3. Write fractions for each of the following shaded parts :

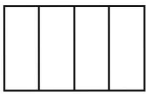
(a) $\frac{1}{3}$ (b) $\frac{1}{2}$ (c) $\frac{1}{4}$ (d) $\frac{1}{2}$

Exercise 11.2

Tick (✓) the correct answer :

1. (b) $\frac{1}{3}$ (a) $\frac{1}{2}$ (d) $\frac{1}{4}$ (b) $\frac{1}{3}$

Test Paper-III

1. Do it yourself
2. Do it yourself
3. Match the following :
   (a) $5 + 2 + 1 + 1 = 9$ (b) $10 + 5 + 2 + 1 = 18$
   (c) $10 + 5 + 5 + 5 = 25$
4. Write fraction for each :
   (a)  $= \frac{1}{4}$ (b)  $= \frac{3}{4}$
   (c)  $= \frac{3}{4}$ (d)  $= \frac{1}{2}$
5. Fill in the blanks :
   (a) Length of classroom measure in length
   (b) weight of 3 apples 200 gm
   (c) $5 + 2 + 1 = 8$
   (d) one fourth = 1/4
   (e) one part of three = 1/3
6. Tick (✓) the correct answer :
   1. (a) 150 gm 2. (a) 10 ml 3. (c) ₹ 4. (c) 15 5. (c) ½

Chapter-12 (Time)

Exercise 12.1

1. Draw the hour hand to show the time :
   (a)  (b)  (c)  (d) 
2. Write the time in two ways :
   (a) 2 : 00 (b) 11 : 00 (c) 7 : 00 (d) 12 : 00
   2 o'clock 11 o'clock 7 o'clock 12 o'clock
3. Draw both hands to show the time :
   (a)  (b)  (c)  (d) 

Exercise 12.2

Do it yourself.

Exercise 12.3

1. Write :
   (a) Sunday (b) Sunday (c) Wednesday (d) Monday (e) Friday
2. Which day will come :
   (a) Tuesday (b) Friday (c) Monday (d) Tuesday
   (e) Saturday (f) Thursday

Exercise 12.4

Tick (✓) the correct answer :

1. (a) Monday **2.** (b) 24 hours
3. (b) 5th day **4.** (a) hour hand
5. (c) minute hand

Chapter-13 (Data Handling)

Exercise 13.1

1. (a) On Sunday Ramu gets the least eggs.
   (b) On Saturday he gets the most eggs.
   (c) On Tuesday and Thursday Ramu gets the same egg.
   (d) Ramu gets three eggs more on Monday as compared to Wednesday..
2. Make a list of the toys in Sonu's cup board :
   (a) Sonu has three more teddy bears than a car
   (b) Son has total 19 toys in his cupboard.
   (c) Sonu have 1 less bat than a ball.

Chapter-14 (Three Digit Numbers)

Exercise 14.1

1. Write the number names :
   (a) 156 = one hundred fifty six
   (b) 210 = two hundred ten
   (c) 124 = one twenty four
   (d) 179 = one hundred seventy nine
   (e) 136 = one hundred thirty six
   (f) 85 = eighty five
   (g) 426 = four hundred twenty six
   (h) 398 = three hundred ninety eight
   (i) 586 = five hundred eighty six.
2. Write in numerals :
   (a) 108 (b) 169 (c) 199
   (d) 187 (e) 78 (f) 159
   (g) 94 (h) 65

3. Write number from 101 to 200 :

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

Exercise 14.2

1. Write the place value of digits :

(a) 8 – ones
2 – tens
5 – hundred

(b) 2 – ones
3 – tens
1 – hundred

(c) 3 – hundred
9 – tens
6 – ones

(d) 4 – hundred
3 – tens
1 – ones

(e) 4 – hundred
2 – tens
3 – ones

(f) 9 – hundred
4 – tens
2 – ones

2. Write the number for the given place values :

(a) 392 (b) 345 (c) 921 (d) 863

3. Write the expanded form of the following numbers :

(a) 2 hundred + 1 tens + 9 ones = 200 + 90 + 9
(b) 1 hundred + 5 tens + 6 ones = 100 + 50 + 6
(c) 5 hundred + 3 tens + 4 ones = 500 + 30 +4
(d) 6 hundred + 8 tens + 2 ones = 600 + 80 + 2
(e) 1 hundred + 0 ten + 8 ones = 100 + 00 + 8
(f) 3 hundred + 9 tens + 4 ones = 300 + 90 + 4
(g) 4 hundred + 10 tens + 5 ones = 400 + 60 + 5

4. Write the short form of the following :

(a) 300+ 20 + 5 = 325 (b) 100 + 00 + 9 = 109
(c) 200 + 50 + 3 = 253 (d) 500 + 20 + 8 = 528
(e) 900 + 40 + 2 = 942 (f) 600 + 20 + 8 = 628
(g) 400 + 10 + 7 = 417

Exercise 14.3

1. Tick (✓) the correct answer :

(a) 386, ✓246 (b) ✓198, 109 (c) 369, ✓389

(d) 154, ✓184 (e) 246, ✓248 (f) 586, ✓576

2. Tick (✓) the small number in each set :

(a) 157, ✓153 (b) 390, ✓309 (c) 234, ✓308

(d) ✓290, 308 (e) 468, ✓465 (f) 563, ✓582

3. Tick (✓) the biggest number :

(a) 454, ✓491, 477 (b) 148, 146, ✓178

(c) 243, ✓247, 241 (d) 186, 182, ✓187

(e) 324, ✓586, 231 (f) 785, ✓722, 441

4. Tick (✓) the smallest number :

(a) 329, ✓322, 326 (b) ✓190, 309, 259 (c) 245, ✓184, 322

(d) ✓133, 137, 134 (e) ✓123, 456, 789 (f) 987, 654, ✓321

5. Arrange the numbers in increasing order :

(a) 143, 268, 824 (b) 186, 225, 248

(c) 154, 186, 215 (d) 147, 315, 852

6. Arrange the numbers in decreasing order :

(a) 386, 374, 196 (b) 983, 415, 360

(c) 315, 194, 165 (d) 785, 357, 354

Exercise 14.4

1. Add :

(a)
H	T	O
1	2	3
+ 5	1	5
6	3	8

(b)
H	T	O
1	5	2
+ 4	1	2
5	6	4

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

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

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

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

(g)
H	T	O
1	5	2
+ 5	0	1
6	5	3

(h)
H	T	O
1	8	2
+ 2	1	5
3	9	7

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

2. Add :

(a)
H	T	O
	①	
2	5	6
+ 5	0	4
7	6	0

(b)
H	T	O
	①	
2	7	5
+ 3	0	5
5	8	0

(c)
H	T	O
	①	
3	3	3
+ 2	1	8
5	5	1

(d)
H	T	O
	①	
1	5	8
+ 5	2	6
6	8	4

(e)
H	T	O
	①	
3	4	8
+ 1	0	9
4	5	7

(f)

	H	T	O
	○	①	○
	2	6	9
+		2	7
	2	9	6

(g)

	H	T	O
	○	①	○
	1	2	5
+	5	5	6
	6	8	1

(h)

	H	T	O
	○	①	○
	2	7	8
+	5	0	5
	7	8	3

(i)

	H	T	O
	○	①	○
	3	1	6
+	2	5	8
	5	7	4

Exercise 14.5

1. Subtract:

(a)

	H	T	O
	8	5	3
−	2	1	2
	6	4	1

(b)

	H	T	O
	5	3	5
−	4	0	2
	1	3	3

(c)

	H	T	O
	2	9	3
−	1	4	3
	1	5	0

(d)

	H	T	O
	⑤	⑫	⑩
	6	3	0
+	5	5	6
	0	7	4

(e)

	H	T	O
		③	⑬
	5	4	3
−	5	0	5
	0	3	8

(f)

	H	T	O
		⑦	⑫
	5	8	2
−	2	5	8
	3	2	4

2. Subtract:

(a)

	H	T	O
		④	⑮
	3	5	5
−	1	2	9
	2	2	6

(b)

	H	T	O
		①	⑭
	5	2	4
−	2	1	6
	3	0	8

(c)

	H	T	O
		⑧	⑩
	2	9	0
−	1	8	6
	1	0	4

(d)

	H	T	O
	4	3	0
−	1	2	0
	3	1	0

(e)

	H	T	O
	5	4	3
−	5	2	1
	0	2	2

(f)

	H	T	O
	5	8	2
−	3	5	1
	2	3	1

Exercise 14.6

1. Tick (✓) the correct answer :

(b) 430 **2.** (d) 325 **3.** (b) 80

4. (d)

	H	T	O
	5	9	4
−	2	5	3
	3	4	1

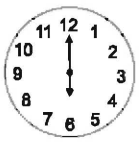
5. (c)

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

Test Paper-IV

1. Draw both the hands to show the given time:

(a) 

(b) 

(c) 

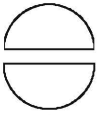
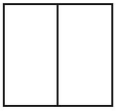
2. (a) Wednesday (b) Saturday (c) Monday (d) Friday
3. (a) bikes (b) cars (c) 10 (d) 44
4. **Write the place value of digits in the given numbers :**
   (a) 3. hundred
   9 tens
   6 ones
   (b) 4 hundred
   3 tens
   1 ones
5. **Fill in the blanks :**
   (a) Wednesday (b) Sunday (c) Monday (d) 80
   (e)

	H	T	O
	2	3	5
+	1	2	4
	3	5	9

6. Tick (✓) the correct answer :
   1. (b) 2. (a) 3. (d) 4. 500
   5.

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

Model Paper-II

1. (a) ☑ → ☐ → ☒
   (b) ☐ → ☑ → ☒
2. (a) ☑ → ☐ (b) ☑ → ☐
3. (a) 7 (b) 19
4. (a)  (b)  (c) 
   (d) 
5. (a)  (b)  (c) 
6. (a) 200 + 20 + 8 = 228 (b) 800 + 00 + 3 = 803
   (c) 600 + 20 + 9 = 629 (d) 100 + 90 + 5 = 195
7. (a) foots (b) 100p (c) 1/4 (d) Saturday (e) 2
8. 1. (b) 2. (c) 3. (a) 4. (b) 5. (b)

Part-2

Chapter-1 (Revision)

Exercise 1.1

1. Fill in the blanks:

(a) 320 (b) 5 hundred + 2 tens + 4 ones = 500 + 20 + 400

(c) 6 hundred (d) 6 tens + 2 ones = 60 + 2 (e) 560

2. Tick (✓) the smallest number:

(a) ✓38,24,50 (b) 400,121,✓99 (c) 210,61,✓51

(d) ✓98,20,150 (e) 50,✓16,20 (f) ✓25,50,90

3. Write the expanded form of the following numbers :

(a) 63 = 60 + 3 (b) 758 = 700 + 50 + 8

(c) 53 = 50 + 3 (d) 808 = 800 + 0 + 8

(e) 280 = 200 + 80 + 0

4. Write the number names :

(a) 505 = Five hundred five (b) 809 = Eight hundred nine

(c) 50 = Fifty (d) 203 = Two hundred three

(e) 100 = One hundred (f) 830 = Eight hundred thirty

5. Fill in the boxes :

Odd : 7 9 11 13 15 17 19 21

Even: 8 10 12 14 16 18 20

6. Write numbers from 201 to 300

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	267	278	288	298
209	219	229	239	249	259	269	279	289	299
210	220	230	240	250	260	270	280	290	300

7. Write numbers from 301 to 400

301	311	321	331	341	351	361	371	381	391
302	312	322	332	342	352	362	372	382	392
303	313	323	333	343	353	363	373	383	392
304	314	324	334	344	354	364	374	384	394
305	315	325	335	345	355	365	375	385	395

306	316	326	336	346	356	366	376	386	396
307	317	327	337	347	357	367	377	387	397
308	318	328	338	348	358	368	378	388	398
309	319	329	339	349	359	369	379	389	399
310	320	330	340	350	360	370	380	390	400

8. Write the numerals :

(a) 620 (b) 263 (c) 152 (d) 799 (e) 930
(f) 565 (g) 103 (h) 324

9. Write the number names :

(a) 508 = Five hundred eight
(b) 131 = One hundred thirty one
(c) 630 = Six hundred thirty
(d) 106 = One hundred six
(e) 909 = Nine hundred nine
(f) 856 = Eight hundred fifty six
(g) 796 = Seven hundred ninety six
(h) 210 = Two hundred ten

10. (a) Place value of 9 is 9 tens.
(b) Face value of 3 is 3

Exercise 1.2

1. Count backward and write :

(a) 651	650	649	648	647	646	645	644
(b) 932	931	930	929	928	927	926	925
(c) 111	110	109	108	107	106	105	104
(d) 206	205	204	203	202	201	200	199
(e) 913	912	911	910	909	908	907	906
(f) 125	124	123	122	121	120	119	118
(g) 510	109	508	507	506	505	504	503
(h) 716	715	714	713	712	711	710	709

2. Count forward and write :

(a) 828	829	830	831	832	833	834	835
(b) 579	580	581	582	583	584	585	586
(c) 989	990	991	992	993	994	995	996
(d) 136	137	138	139	140	141	142	143
(e) 550	551	552	553	554	555	556	557
(f) 763	764	765	766	767	768	769	770
(g) 891	892	893	894	895	896	897	898
(h) 709	710	711	712	713	714	715	716
(i) 408	409	410	411	412	413	414	415
(j) 320	321	322	323	324	325	326	327

3. Write the short form of the following :

(a) $3 + 5 + 6 = 356$
(b) $6 + 2 + 0 = 620$
(c) $4 + 0 + 8 = 408$
(d) $1 + 6 + 0 = 160$
(e) $9 + 2 + 3 = 923$
(f) $8 + 1 + 9 = 819$

4. Write the expanded form of the following:

(a) 9 hundred + 0 tens + 3 ones = 903

(b) 2 hundred + 1 tens + 5 ones = 215

(c) 2 hundred + 8 tens + 9 ones = 289

(d) 1 hundred + 0 tens + 8 ones = 108

(e) 5 hundred + 8 tens + 5 ones = 585

(f) 4 hundred + 9 tens + 2 ones = 492

5. Write the number for the given place values:

(a) 862 (b) 793 (c) 659 (d) 888

6. Write the place value of each digit in the numbers:

(a) 9 = 900
5 = 50
6 = 6

(b) 2 = 200
0 = 00
8 = 8

(c) 5 = 500
8 = 80
6 = 6

(d) 8 = 800
2 = 20
0 = 0

7. Complete the skip counting :

(a) 560, 570, 580, [590], [600], [610], [620], [630],

(b) 231, 233, 235, [237], [239], [241], [243], [245]

(c) 790, 795, 800, [805], [810], [815], [820], [825]

(d) 120, 124, 128, [132], [136], [140], [144], [148]

(e) 860, 862, 864, [866], [868], [870], [872], [874]

8. Form the smallest and greatest 3 digit numbers with the given digits:

	Smallest	Greatest
(a) 6, 1, 3	136	631
(b) 9, 0, 8	809	908
(c) 4, 6, 8	468	864
(d) 5, 9, 1	159	951

Exercise 1.3

1. Arrange the numbers in increasing order :

(a) 234, 576, 809 (b) 593, 639, 717

(c) 497, 794, 974 (d) 576, 657, 800

2. Arrange the numbers in decreasing order :

(a) 935, 507, 285 (b) 923, 865, 171

(c) 896, 698, 409 (d) 528, 285, 109

3. Write the smallest and biggest number :

(a) Smallest number = 382
Biggest number = 998

(b) Smallest number = 348
Biggest number = 896

4. Tick (✓) the biggest number :

(a) 923, 932, 946✓ (b) 843, 965✓, 956

(c) 745, 749✓, 735 (d) 673✓, 637, 665

(e) 448, 526✓, 499 (f) 947✓, 928, 590

5. Tick (✓) the smallest number :

(a) 691✓, 824, 939 (b) 768✓, 854, 876

(c) 595, 532✓, 945 (d) 665, 656✓, 670

(e) 547✓, 625, 598 (f) 748, 768, 725✓

6. Fill in the boxes with > or < :

(a) 501 [<] 531 (b) 977 [>] 797 (c) 351 [>] 322

(d) 109 [<] 153 (e) 639 [<] 793 (f) 231 [<] 241

(g) 850 [>] 760 (h) 796 [>] 760

7. Write the even numbers between the two numbers:

(a) 743 [358] [360] [362] [364] [366]

(b) 356 [358] [360] [362] [364] [366]

8. Write the odd numbers between the two numbers:

(a) 510 [511] [513] [515] [517] [519] 520

(b) 447 [449] [451] [453] [455] [457] 459

9. Separate the even numbers and odd numbers :

Even numbers = 282,678, 350, 804, 506

Odd numbers = 515, 777, 999, 393, 461

10. Write the number before:

(a) 427 428 (b) 559 560 (c) 808 809 (d) 101 102

(e) 235 236 (f) 344 345

11. Write the number in between:

(a) 230 231 232 (b) 321 322 333 (c) 808 809 810

(d) 409 410 411 (e) 763 764 765 (f) 890 891 892

12. Write the number after :

(a) 107 108 (b) 519 520 (c) 216 217 (d) 201 202

(e) 306 307 (f) 992 993

Exercise 1.4

Tick (✓) the correct answer:

1. (b) 60 **2.** (a) 553 **3.** (a) 300 **4.** (a) 732 **5.** (b) 238

6. (d) 972 **7.** (b) 345 **8.** (a) 683 **9.** (b) 600 + 20 + 3

10. (c) 784

Exercise 2.1

1. Add the following numbers :

(a)
T	O
2	3
+ 5	4
7	7

(b)
T	O
6	5
+ 1	3
7	8

(c)
T	O
3	8
+ 4	1
7	9

(d)
T	O
1	2
5	3
+ 2	1
8	6

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

(f)
T	O
3	5
0	3
+ 1	1
4	9

(g)
T	O
①	
3	5
+ 4	6
8	1

(h)
T	O
①	
8	9
+ 1	2
10	1

(i)
T	O
①	
3	6
+ 2	7
6	3

2. Add the following numbers :

(a) $3 + 4 =$ 7 (b) $6 + 4 =$ 10 (c) $8 + 5 =$ 13

(d) $9 + 8 =$ 17 (e) $21 + 5 =$ 26 (f) $32 + 2 =$ 34

(g) $82 + 22 =$ 104 (h) $50 + 21 =$ 71 (i) $40 + 41 =$ 81

Exercise 2.2

1. Find the sum of the following :

(a)
T	O
1	6
+ 4	2
5	8

T	O
4	2
+ 1	6
5	8

(b)
T	O
8	1
+ 8	1
16	2

T	O
8	1
+ 8	1
16	2

(c)
H	T	O
2	6	3
+ 4	2	1
6	8	4

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

(d)
H	T	O
5	2	0
+ 1	4	2
6	6	2

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

2. Add the following numbers :

(a)
H	T	O
	①	
	4	3
+	1	9
	6	2

(b)
H	T	O
	①	
2	3	4
+	2	9
2	6	3

(c)
H	T	O
	①	
5	5	3
+	2	9
5	8	2

(d)
H	T	O
	①	
	5	4
+	2	8
	8	2

(e)
H	T	O
	①	
1	0	9
+	6	5
1	7	4

(f)
H	T	O
	①	
5	0	2
+	7	9
5	8	1

3. Add the following numbers :

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

(b)
	H	T	O
	①		
	3	6	2
+	2	8	4
	6	4	6

(c)
	H	T	O
	①		
	5	4	9
+	8	2	
	6	3	1

(d)
	H	T	O
	①	①	
	5	4	3
+	1	9	8
	7	4	1

(e)
	H	T	O
	①	①	
	3	4	9
+	7	1	
	4	2	0

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

Exercise 2.3

1. Add the following numbers :

(a)
	H	T	O
		①	
	5	2	5
+	3	4	6
	8	7	1

(b)
	H	T	O
		①	
	2	3	6
+	1	2	5
	3	6	1

(c)
	H	T	O
		①	
	5	0	8
+	1	6	9
	6	7	7

(d)
	H	T	O
		①	
	3	7	3
+	2	1	8
	5	9	1

(e)
	H	T	O
		①	
	6	3	5
+	2	2	5
	8	6	0

(f)
	H	T	O
		①	
	5	2	7
+	1	2	6
	6	5	3

(g)
	H	T	O
		①	
	3	2	8
+	5	1	5
	8	4	3

(h)
	H	T	O
		①	
	5	3	6
+	2	1	7
	7	5	3

(i)
	H	T	O
		①	
	8	3	5
+	1	2	9
	9	6	4

2. Add :

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

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

(c)
	H	T	O
		①	
	6	8	3
+	2	4	6
	9	2	9

(d)
	H	T	O
	①	①	
	7	8	8
+	1	5	5
	9	4	3

(e)
	H	T	O
	①	①	
	3	6	5
+	1	4	5
	5	1	0

(f)
	H	T	O
	①	①	
	5	8	3
+	2	5	7
	8	4	0

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

(h)
	H	T	O
	①	①	
	3	9	3
+	5	4	8
	9	4	1

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

3. Add the following numbers :

(a)
H	T	O
	5	4
+	2	4
	7	8

(b)
H	T	O
	6	5
+	4	0
10	5	

(c)
H	T	O
	8	0
+	8	0
16	0	

(d)
H	T	O
	1	2
+	2	5
	3	7

(e)
H	T	O
	6	3
+	7	1
1	3	4

(f)
H	T	O
	8	3
+	1	2
	9	5

(g)
H	T	O
	9	4
+	1	6
1	1	0

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

(i)
H	T	O
	8	1
+	1	8
	9	9

(j)
H	T	O
	9	0
+	1	4
1	0	4

(k)
H	T	O
	3	4
+	5	2
	8	6

(l)
H	T	O
	9	0
+	5	6
1	4	6

Exercise 2.4

1. Add the following numbers :

(a)
H	T	O
	①	
	2	4
	7	6
+	1	8
1	1	8

(b)
H	T	O
	8	4
	3	2
+	5	1
1	6	7

(c)
H	T	O
	6	3
	0	2
+	1	8
	8	3

(d)
H	T	O
	①	
	3	2
	1	9
+	5	6
1	0	7

(e)
H	T	O
	①	
	7	4
	1	7
+	0	8
	9	9

(f)
H	T	O
	①	
	8	3
	3	2
+	1	4
1	2	9

2. Add the following numbers :

(a)
H	T	O
①	②	
1	4	8
3	2	8
+ 2	4	6
7	2	2

(b)
H	T	O
	①	
3	0	8
1	3	5
+ 2	4	4
6	8	7

(c)
H	T	O
①	①	
3	7	3
1	1	9
+ 2	5	2
7	4	4

(d)
H	T	O
①	①	
3	2	4
2	9	3
+	5	8
6	7	5

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

(f)
H	T	O
	①	
7	0	8
5	1	2
+	4	3
12	6	3

3. Add the following numbers :

(a)
H	T	O
①	②	
5	2	3
1	6	9
+	5	8
7	5	0

(b)
H	T	O
①	①	
2	5	4
1	0	8
+ 3	7	2
7	3	4

(c)
H	T	O
①	①	
7	4	3
1	6	8
+	2	5
9	3	6

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

(e)

	H	T	O
Carry	(1)	(2)	
	5	0	6
		3	6
+	1	5	8
	7	0	0

(f)

	H	T	O
Carry	(1)	(1)	
	3	8	9
	2	0	7
+	3	6	3
	9	5	9

Exercise 2.5

1.

	H	T	O	
	2	3	1	← Sonia stamps
+	4	6	4	← Rohan stamps
	6	9	5	← Total stamps

2.

	H	T	O	
Carry	(1)			
	5	6	3	← Time taken to build house
+		6	4	← Time taken to point
	6	2	7	← Total time taken

3.

	H	T	O	
Carry		(1)		
	1	0	8	← coins with Tony
+	2	3	5	← coins with Gauri
	3	4	3	← Total coins

4.

	H	T	O	
	1	2	5	← Apples in 1 basket
+	1	3	0	← Apples in another basket
	2	5	5	← Total apples.

5.

	H	T	O	
Carry		(1)		
	3	2	4	← Number of boys
+	2	3	6	← Number of girls
	5	6	0	← Total students

6.

	H	T	O	
Carry		(1)		
	2	3	0	← Books on top shelf
+	1	6	0	← Books on bottom shelf
	3	9	0	← Total number of books

7.

	H	T	O	
	1	5	0	← Number of toffees
+	1	2	0	← Number of lollipop
	2	7	0	← Total number of candies.

8.

	H	T	O	
	①	①		
	8	0	5	← Men in train
	5	4	5	← Women in train
+		8	6	← Children in train
1	4	3	6	← Total passengers

9.

	H	T	O	
	①	①		
	3	0	5	← Book in one almirah
	2	3	6	← Book in 2nd almirah
+	1	8	3	← Book in 3rd almirah
	7	2	4	← Total number of books

10.

	H	T	O	
	①	①		
	5	8	5	← Men in village
	3	2	6	← Women in village
+	1	2	8	← Children in village
	10	3	9	← Total people in all.

Chapter-3 (Subtraction)

Exercise 3.1

1. Subtract the numbers :

(a)

	T	O
	5	3
−	2	1
	3	2

(b)

	T	O
	6	4
−	1	2
	5	2

(c)

	T	O
	5	4
−	2	4
	3	0

(d)

	T	O
	8	9
−	7	8
	1	1

(e)

	T	O
	5	5
−	3	3
	2	2

(f)

	T	O
	8	8
−	4	3
	4	5

2. Subtract the numbers :

(a)

	H	T	O
	2	5	8
−	1	1	3
	1	4	5

(b)

	H	T	O
	8	9	6
−	4	5	2
	4	4	4

(c)

	H	T	O
	9	3	1
−	3	2	0
	6	1	1

(d)

	H	T	O
		②	⑯
	5	~~3~~	~~6~~
−	2	1	9
	3	1	7

(e)

	H	T	O
		⑥	⑬
	8	~~7~~	~~3~~
−	4	5	5
	4	1	8

(f)

	H	T	O
		⑤	⑱
	~~6~~	~~8~~	3
−	2	9	2
	3	9	1

Exercise 3.2

1. Regroup tens to ones :

(a) 3 hundreds + 5 tens + 2 ones
(b) 6 hundreds + 4 tens + 1 ones
(c) 3 hundreds + 2 tens + 6 ones
(d) 5 hundreds + 2 tens + 7 ones
(e) 7 hundreds + 3 tens + 6 ones
(f) 9 hundreds + 5 tens + 4 ones
(g) 8 hundreds + 3 tens + 5 ones

2. Regroup hundreds to tens :

(a) 2 hundreds + 5 tens + 3 ones
(b) 5 hundreds + 8 tens + 6 ones
(c) 1 hundreds + 3 tens + 2 ones
(d) 2 hundreds + 8 tens + 9 ones
(e) 1 hundreds + 5 tens + 0 ones
(f) 6 hundreds + 4 tens + 2 ones
(g) 4 hundreds + 3 tens + 1 ones
(h) 9 hundreds + 4 tens + 3 ones

3. Fill in the blanks :

(a)	(b)	(c)	(d)
5 + 6 = 11	8 + 5 = 13	7 + 5 = 12.	4 + 6 = 10
6 + 5 = 11	5 + 8 = 13	5 + 7 = 12	6 + 4 = 10
11 - 5 = 6	13 – 8 = 5	12 – 7 = 5	10 – 4 = 6
11 - 6 = 5	13 – 5 = 8	12 – 5 = 7	10 – 6 = 4

4. Show 8, 6, 14 all belong to one family:

		8				6			1	4		1	4
+		6	+		8	–		6	–		8
=	1	4	=	1	4	=		8	=		6

Exercise 3.3

1. Subtract the numbers :

(a)
	H	T	O
		(5)	(13)
	8	~~6~~	~~3~~
–	5	4	5
	3	1	8

(b)
	H	T	O
		(8)	(12)
	6	~~9~~	~~2~~
–		5	4
	6	3	8

(c)
	H	T	O
		(4)	(11)
	5	~~8~~	~~1~~
–	1	3	5
	4	1	6

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

(e)
	H	T	O
		(2)	(12)
	5	~~8~~	~~2~~
–	4	1	6
	1	1	6

(f)
	H	T	O
		(1)	(15)
	8	~~2~~	~~8~~
–	5	0	7
	3	1	8

2. Write the numbers in correct place and subtract :

(a)
	H	T	O
		(3)	(12)
	8	4	2
–	5	2	6
	3	1	6

(b)
	H	T	O
	5	3	0
–	2	1	5
	3	1	5

(c)
	H	T	O
		(6)	(12)
	6	~~7~~	~~2~~
–	5	4	6
	1	2	6

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

3. Subtract the numbers :

(a)
H	T	O
	④	⑱
6	~~8~~	~~8~~
– 5	3	9
1	1	9

(b)
H	T	O
	⑦	⑬
4	~~8~~	~~3~~
– 1	6	5
3	1	8

(c)
H	T	O
	④	⑪
7	5	~~1~~
– 4	0	2
3	4	9

(d)
H	T	O
	④	⑬
8	~~5~~	~~3~~
– 3	4	5
5	0	8

(e)
H	T	O
	⑤	⑫
9	~~6~~	~~2~~
– 6	2	5
3	3	7

(f)
H	T	O
	⑥	⑩
8	~~7~~	~~0~~
– 3	5	6
5	1	4

4. Subtract the numbers :

(a)
H	T	O
④	⑫	
~~8~~	~~2~~	6
– 2	9	4
2	3	2

(b)
H	T	O
②	⑮	
~~3~~	~~3~~	3
– 1	8	1
1	7	2

(c)
H	T	O
⑤	⑱	
~~6~~	~~8~~	2
– 3	9	0
2	9	2

(d)
H	T	O
⑥	⑬	
~~7~~	~~3~~	4
– 3	5	4
3	8	0

(e)
H	T	O
⑤	⑫	
~~6~~	~~2~~	9
– 2	7	5
3	5	4

(f)
H	T	O
③	⑬	
~~4~~	~~3~~	4
– 1	6	2
2	7	2

(g)
H	T	O
⑥	⑫	
~~7~~	~~2~~	6
– 3	5	2
3	7	4

(h)
H	T	O
⑦	⑭	
~~8~~	~~4~~	3
– 7	5	0
0	9	3

(i)
H	T	O
④	⑪	
~~5~~	~~1~~	7
– 1	6	7
3	5	0

Exercise 3.4

1. Subtract the numbers :

(a)
H	T	O
④	⑫	⑫
~~5~~	~~3~~	~~2~~
– 4	6	5
0	6	7

(b)
H	T	O
⑧	⑩	⑬
~~9~~	~~1~~	~~3~~
– 7	5	6
1	5	7

(c)
H	T	O
⑦	⑪	⑮
~~8~~	~~2~~	~~5~~
– 4	4	9
3	7	6

(d)
H	T	O
⑧	⑩	⑬
~~9~~	~~1~~	~~3~~
– 5	4	4
3	6	9

(e)
H	T	O
⑤	⑪	⑱
~~6~~	~~2~~	~~8~~
– 1	5	9
4	6	9

(f)
H	T	O
③	⑫	⑮
~~4~~	~~3~~	~~5~~
– 2	6	8
1	6	7

(g)
H	T	O
⑦	⑭	⑬
~~8~~	~~5~~	~~3~~
– 6	7	5
1	7	8

(h)
H	T	O
⑥	⑪	⑪
~~7~~	~~2~~	~~1~~
– 5	3	5
1	8	6

(i)
H	T	O
⑧	⑭	⑬
~~9~~	~~5~~	~~3~~
– 4	7	9
4	7	4

2. Write the numbers in correct place and subtract :

(a)
H	T	O
⑦	⑪	⑮
~~8~~	~~2~~	~~5~~
– 6	5	8
1	6	7

(b)
H	T	O
⑧	⑩	⑬
~~9~~	~~1~~	~~3~~
– 4	9	5
4	1	8

(c)
H	T	O
⑥	⑫	⑫
~~7~~	~~3~~	~~2~~
– 4	9	7
2	3	5

(d)
H	T	O
⑤	⑩	⑮
~~6~~	~~1~~	~~5~~
– 2	8	9
3	2	6

3. Solve :

(a)
	H	T	O
	3	8	4
+	2	1	3
	5	9	7
−	1	2	5
	4	7	2

(b)
	H	T	O
	①		
	5	8	1
+	1	3	2
	⑥	⑩	⑬
	~~7~~	~~X~~	~~3~~
−	3	5	4
	3	5	9

(c)
	H	T	O
	5	4	5
+	4	1	2
	9	5	7
−	2	2	5
	7	3	2

(d)
	H	T	O
	4	2	0
+	1	4	0
	5	6	0
−	2	1	5
	3	4	5

Exercise 3.5

1.
H	T	O	
	8	9	→ Large box contain crayons.
−	4	2	→ Lesser than small box.
	4	7	→ Small box contain crayons.

2.
H	T	O	
	7	8	→ Phone no. in Rahul's mobile
−	5	2	→ Phone no. in Sonam's mobile
	2	6	→ Rahul's mobile have more numbers.

3.
H	T	O	
	6	0	→ Total children
−	3	2	→ Came to school
	2	8	→ Children abesent

4.
H	T	O	
3	8	6	→ Total people in book fair
−	8	4	→ Children in fair
3	0	2	→ Adults in fair.

5.
H	T	O	
4	5	8	→ Small tomato plants
− 1	2	4	→ Plants do not live
3	3	4	→ Plants did lives.

6.
H	T	O	
2	5	5	→ Total marbles with Shyam
−	3	4	→ Amit have less marbles than Shyam
2	2	1	→ Marbles Amit have.

7.
H	T	O	
6	8	3	→ Total distance to be travelled
− 3	5	2	→ Distance already travelled
3	3	1	→ Distance to be travelled.

8.
H	T	O	
2	8	6	→ Total chickens with farmer
− 1	4	3	→ Chickens sold by farmer
1	4	3	→ Chickens left with farmer

9.

H	T	O	
3	2	2	→ Total bottle caps with Ravi
− 1	0	8	→ Total bottle caps with Arun
2	1	4	→ Ravi have more bottles than Arun

10.

H	T	O	
5	8	4	→ Total seats in train
− 2	3	8	→ seats occupied
3	4	6	→ seats left

Exercise 3.6

Tick (✓) the correct answer:

1. (b)

H	T	O
	9	6
−	3	4
	6	2

2. (a)

H	T	O
	⑥	⑬
9	✗	✗
− 5	4	8
4	2	5

3. **(c)**

H	T	O
①	①	
	3	5	4
+	3	6	9
	7	2	3
−	1	6	3
	5	6	0

4. (a)

H	T	O	
	9	8	→ Total money with Rita
−	4	3	→ Money given to younger brother
	5	5	→ Money left with Rita

5. (b)

H	T	O	
7	4	0	→ Total children in school
− 3	2	0	→ Girls in school
4	2	0	→ Boys in school

Test Paper-1

1. Write the numerals for the following :

(a) 332 (b) 165 (c) 907 (d) 578

2. Write the place value of each digit in the numbers :

(a) 2 = hundred 8 = tens 1 = ones

(b) 9 = hundred 0 = tens 5 = ones

(c) 4 = hundred 5 = tens 6 = ones

(d) 6 = hundred 5 = tens 3 = ones

3. Add the following numbers :

(a)

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

(b)

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

(c)

H	T	O
④	⑬	⑬
✗	✗	✗
− 2	7	8
2	6	5

(d)

H	T	O
⑧	⑯	⑮
✗	✗	✗
− 3	9	8
5	7	7

4.

H	T	O	
6	5	0	→ Men in village
5	4	0	→ Women in village
+ 1	2	0	→ Children in village
13	1	0	→ Total people in village

5.

H	T	O	
	8	0	→ Total children in school
–	4	3	→ Children came to school
	3	7	→ Children did not come

6. Fill in the blanks :

(a) 5 tens (b) + (c) –

7. Tick (✓) the correct answer:

1. (b) 356
2. (a) 942 = nine hundred forty two
3. (b) 800

4. (d)

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

option (d)

5. (c)

H	T	O
9	4	3
– 2	3	0
7	1	3

option (a)

Chapter-4 (Multiplication)

Exercise 4.1

1. Find the product :

(a)

T	O
	3
×	6
1	8

(b)

T	O
	5
×	4
2	0

(c)

T	O
	6
×	7
4	2

(d)

T	O
3	6
×	2
7	2

(e)

T	O
①	
2	4
×	3
7	2

(f)

T	O
①	
8	3
×	5
4	1	5

2. Fill in the blanks :

(a) $2 \times \underline{8} = 16$ (b) $5 \times \underline{9} = 45$ (c) $5 \times \underline{16} = 80$

(d) $9 \times 8 = \underline{72}$ (e) $10 \times \underline{4} = 40$ (f) $\underline{9} \times 10 = 90$

(g) $5 \times \underline{6} = 30$ (h) $3 \times 8 = \underline{24}$

3. Fill in the blanks :

(a) $7 \times 3 = 21$ (b) $5 \times 4 = 20$ (c) $9 \times 3 = 27$

(d) $2 \times 8 = 16$ (e) $7 \times 5 = 35$

4. Total number of swings = 8

Number of children on each swing = 2

There are total 16 children in all

T	O
	8
×	2
1	6

Exercise 4.2

1. Fill in the following blanks :

(a) $2 \times 4 = 4 \times \boxed{2}$ (b) $3 \times 6 = 6 \times \boxed{3}$ (c) $2 \times \boxed{8} = 8 \times 2$

(d) $\boxed{3} \times 9 = 9 \times 3$ (e) $5 \times 4 = \boxed{4} \times 5$ (f) $7 \times \boxed{0} = 0$

(g) $9 \times \boxed{0} = 0$ (h) $6 \times 1 = 1 \times \boxed{6}$ (i) $8 \times 1 = \boxed{8}$

(j) $20 \times 0 = \boxed{0}$

2. Fill in the following boxes :

(a)	0	2	4	6	8	10	12	14	16	18	20
(b)	0	4	8	12	16	20	24	28	32	36	40
(c)	0	6	12	18	24	30	36	42	48	54	60
(d)	0	8	16	24	32	40	48	56	64	72	80
(e)	0	9	18	27	36	45	54	63	72	81	90
(f)	0	10	20	30	40	50	60	70	80	90	100
(g)	0	1	2	3	4	5	6	7	8	9	10
(h)	0	3	6	9	12	15	18	21	24	27	30

3. Fill in the blanks :

(a) $2 \times 6 = \boxed{12}$ (b) $5 \times 9 = \boxed{45}$ (c) $9 \times 6 = \boxed{54}$

(d) $4 \times 8 = \boxed{32}$ (e) $10 \times 5 = \boxed{50}$ (f) $5 \times 7 = \boxed{35}$

(g) $7 \times 9 = \boxed{63}$ (h) $10 \times 10 = \boxed{100}$ (i) $6 \times 6 = \boxed{36}$

(j) $0 \times 5 = \boxed{0}$ (k) $6 \times 9 = \boxed{54}$ (l) $7 \times 4 = \boxed{28}$

Exercise 4.3

1. Multiply :

(a)
T	O
1	4
×	2
2	8

(b)
T	O
2	2
×	3
6	6

(c)
T	O
3	4
×	2
6	8

(d)
T	O
1	4
×	4
5	6

(e)
T	O
3	2
×	3
9	6

(f)
T	O
3	3
×	3
9	9

2. Fill in the product :

(a)
H	T	O
	①	
	1	4
	×	3
	4	2

(b)
H	T	O
	②	
	2	7
	×	3
	8	1

(c)
H	T	O
	①	
	3	6
	×	2
	7	2

(d)
H	T	O
	8	3
	×	2
	16	6

(e)
H	T	O
	②	
	9	3
	×	3
2	7	9

(f)
H	T	O
	5	4
	×	2
	10	8

(g)
H	T	O
	①	
	7	8
	×	2
	15	6

(h)
H	T	O
	①	
	9	4
	×	3
	28	2

(i)
H	T	O
	①	
	8	4
	×	4
3	3	6

Exercise 4.4

1. Find the products :

(a)
H	T	O
3	2	2
	×	2
6	4	4

(b)
H	T	O
2	3	3
	×	3
6	9	9

(c)
H	T	O
1	2	1
	×	4
4	8	4

(d)
H	T	O
1	2	4
	×	2
2	4	8

(e)
H	T	O
1	4	3
	×	3
4	2	9

(f)
H	T	O
2	3	2
	×	2
4	6	4

(g)
H	T	O
3	3	0
	×	3
9	9	0

(h)
H	T	O
2	2	2
	×	4
8	8	8

(i)
H	T	O
4	4	4
	×	2
8	8	8

(j)
H	T	O
1	2	2
	×	4
4	8	8

(k)
H	T	O
3	2	3
	×	3
9	6	9

(l)
H	T	O
3	3	2
	×	2
6	6	4

2. Number of table in one row = 8
Number of table in 6 row = 6 × 8
= 48

H	T	O
		6
	×	8
4	8	

3. Oranges in one bag = 16
Oranges in 5 bags = 5 × 16
= 80

H	T	O
	③	
	1	6
	×	5
	8	0

4. Fishes in one row = 24
Fishes in 8 rows = 24 × 8
= 192

H	T	O
	③	
	2	4
	×	8
1	9	2

5. School we go in one week = 5
School we go in 25 weeks = 25 × 5
= 125

H	T	O
	②	
	2	5
	×	5
1	2	5

6. Cost of 1 box of pencil = 9
Cost of 14 boxes of pencil = 14 × 9
= 126

H	T	O
	③	
	1	4
	×	9
1	2	6

7. People seated in 1 table = 12
People seated in 6 table = 12 × 6
= 72

H	T	O
	①	
	1	2
	×	6
	7	2

8. Marks for 1 correct question = 6
Marks for 18 correct questions = 18 × 6
Total marks of Anita in test = 108

H	T	O
	④	
	1	8
×		6
1	0	8

9. Total rows in a hall = 8
Seats in one row = 22
Seats in 8 rows = 8 × 22
Total seats in hall = 176

H	T	O
	①	
	2	2
	×	8
1	7	6

10. Mangoes in 1 basket = 30
Mangoes in 6 basket = 30 × 6 = 180

H	T	O
	3	0
	×	6
1	8	0

11. Students sit in one bus = 53
Students sit in 6 buses = 53 × 6
Total students in buses = 318

H	T	O
	①	
	5	3
	×	6
3	1	8

12. Each floor has rooms = 34
A hotel has floors = 7
The hotel have total rooms = 34 × 7 = 238

H	T	O
	②	
	3	4
	×	7
2	3	8

13. Packets of popcorn bought by Rohit = 17
Price paid by Rohit for 1 packed = 6
Price paid by Rohit for 17 packets = 17 × 6
Total money paid by Rohit = 102

H	T	O
	④	
	1	7
	×	6
1	0	2

14. Spelling in one list = 124
Spelling in 4 list = 4 × 124 = 496

H	T	O
	①	
1	2	4
	×	4
4	9	6

Exercise 4.5

Tick (✓) the correct answer :

1. (a) 25 × 3 **2.** (c) **3.** (d) **4.** (a) **5.** (b) **6.** (c)

H	T	O
	①	
	2	5
	×	3
	7	5

7. (a) Apples in one basket = 20
Apples in 5 baskets = 20 × 5 = 100

8. (c) Students sit in one bus = 43
Students sit in 7 buses = 43 × 7

H	T	O
	②	
	4	3
	×	7
3	0	1

Chapter-5 (Division)

Exercise 5.1

1. Fill in the blanks :

(a) $3 \times 6 = 18$ $18 \div 3 = 6$
(b) $8 \times 9 = 72$ $72 \div 8 = 9$
(c) $3 \times 7 = 21$ $21 \div 7 = 3$
(d) $7 \times 9 = 63$ $63 \div 9 = 7$
(e) $10 \times 8 = 80$ $80 \div 10 = 8$
(f) $4 \times 7 = 28$ $28 \div 7 = 4$
(g) $6 \times 7 = 42$ $42 \div 6 = 7$
(h) $9 \times 5 = 45$ $45 \div 9 = 5$
(i) $5 \times 6 = 30$ $30 \div 6 = 5$

2. Divide as repeated subtraction :

(a) $10 - 2 = 8$ (8), $8 - 2 = 6$ (6), $6 - 2 = 4$ (4), $4 - 2 = 2$ (2), $2 - 2 = 0$ (0)

$10 \div 2 = 5$

(c) $20 - 5$ (15), $15 - 5$ (10), $10 - 5$ (5), $5 - 5$ (0) $= 20 \div 5 = 4$

(c) $18 - 6$ (12), $12 - 6$ (6), $6 - 6$ (0) $= 18 \div 6 = 3$

(d) $18 - 2$ (16), $16 - 2$ (14), $14 - 2$ (12), $12 - 2$ (10), $10 - 2$ (8)
$8 - 2$ (6), $6 - 2$ (4), $4 - 2$ (2), $2 - 2$ (0) $= 18 \div 2 = 9$

(e) $16 - 4$ (12), $12 - 4$ (8), $8 - 4$ (4), $4 - 4$ (0) $= 16 \div 4 = 4$

(f) $14 - 2$ (12), $12 - 2$ (10), $10 - 2$ (8), $8 - 2$ (6), $6 - 2$ (4), $4 - 2$ (2), $2 - 2$ (0)

$= 14 \div 2 = 7$

(g) $12 - 6$ (6), $6 - 6$ (0) $= 12 \div 6 = 2$

(h) $15 - 3$ (12), $12 - 3$ (9), $9 - 3$ (6), $6 - 3$ (3), $3 - 3$ (0) $= 15 \div 3 = 5$

Exercise 5.2

1. Using division properties, fill in the blanks :

(a) $2 \div 2 = \underline{1}$ (b) $8 \div 8 = \underline{1}$ (c) $0 \div 9 = \underline{0}$ (d) $10 \div 1 = \underline{10}$
(e) $6 \div 6 = \underline{1}$ (f) $5 \div 1 = \underline{5}$ (g) $0 \div 3 = \underline{0}$ (h) $0 \div 4 = \underline{0}$
(i) $0 \div 6 = \underline{0}$ (j) $5 \div 5 = \underline{1}$ (k) $0 \div 8 = \underline{0}$ (l) $8 \div 1 = \underline{8}$
(m) $0 \div 5 = \underline{0}$ (n) $3 \div 1 = \underline{3}$

2. Fill in the blanks :

(a) $24 \div 8 = \underline{3}$ (b) $12 \div 4 = \underline{3}$ (c) $80 \div 10 = \underline{8}$ (d) $56 \div 7 = \underline{8}$
(e) $18 \div 2 = \underline{9}$ (f) $16 \div 2 = \underline{8}$ (g) $20 \div 2 = \underline{10}$ (h) $24 \div 6 = \underline{4}$
(i) $35 \div 7 = \underline{5}$ (j) $14 \div 2 = \underline{7}$ (k) $81 \div 9 = \underline{9}$ (l) $50 \div 5 = \underline{10}$
(m) $56 \div 8 = \underline{7}$ (n) $72 \div 9 = \underline{8}$

3. Fill in the division fact :

Multiplication fact	Division fact	
(a) $5 \times 9 = 45$	$45 \div 5 = 9$	$45 \div 9 = 5$
(b) $4 \times 8 = 32$	$32 \div 4 = 8$	$32 \div 8 = 4$
(c) $10 \times 7 = 70$	$70 \div 10 = 7$	$70 \div 7 = 10$
(d) $6 \times 9 = 54$	$72 \div 6 = 12$	$72 \div 9 = 8$
(e) $8 \times 6 = 48$	$48 \div 6 = 8$	$48 \div 8 = 6$
(f) $5 \times 6 = 30$	$30 \div 6 = 5$	$30 \div 5 = 6$
(g) $8 \times 5 = 40$	$40 \div 8 = 5$	$40 \div 5 = 8$
(h) $5 \times 9 = 45$	$45 \div 9 = 5$	$45 \div 5 = 9$
(i) $7 \times 3 = 21$	$21 \div 3 = 7$	$21 \div 7 = 3$
(j) $6 \times 8 = 48$	$48 \div 6 = 8$	$48 \div 8 = 6$
(k) $5 \times 4 = 20$	$20 \div 5 = 4$	$20 \div 4 = 5$
(l) $8 \times 3 = 24$	$24 \div 8 = 3$	$24 \div 3 = 8$
(m) $9 \times 2 = 18$	$18 \div 9 = 2$	$18 \div 2 = 9$

Exercise 5.3

1. Fill in the blanks :

(a) $3\overline{)12}\,(4$ (b) $4\overline{)20}\,(5$ (c) $3\overline{)30}\,(10$

(d) $8\overline{)64}\,(8$ (e) $9\overline{)81}\,(9$

2. Write the dividend, divisor, quotient in each sum :

(a) Divisor = 4, Dividend = 20, Quotient = 5 — $4\overline{)20}\,(5$

(b) Divisor = 9, Dividend = 36, Quotient = 4 — $9\overline{)36}\,(4$

(c) Divisor = 2,
Dividend = 2,
Quotient = 12

$$\begin{array}{r|l} 2 & 24 \\ & 24 \\ & \times \end{array} \quad 12$$

(d) Divisor = 9,
Dividend = 72,
Quotient = 8

$$\begin{array}{r|l} 9 & 72 \\ & 72 \\ & \times \end{array} \quad 8$$

(e) Divisor = 7,
Dividend = 63,
Quotient = 9

$$\begin{array}{r|l} 7 & 63 \\ & 63 \\ & \times \end{array} \quad 9$$

(f) Divisor = 8,
Dividend = 40,
Quotient = 5

$$\begin{array}{r|l} 8 & 40 \\ & 40 \\ & \times \end{array} \quad 5$$

(g) Divisor = 5,
Dividend = 15,
Quotient = 3

$$\begin{array}{r|l} 5 & 15 \\ & 15 \\ & \times \end{array} \quad 3$$

3. Divide and find the quotient (q) and remainder (r) :

(a) $\begin{array}{r|l} 2 & 18 \\ & 18 \\ & \times \end{array} \quad 9$ Q = 9, R = 0

(b) $\begin{array}{r|l} 6 & 37 \\ & 36 \\ & 1 \end{array} \quad 6$ Q = 6, R = 1

(c) $\begin{array}{r|l} 5 & 45 \\ & 45 \\ & 0 \end{array} \quad 9$ Q = 9, R = 0

(d) $\begin{array}{r|l} 8 & 56 \\ & 56 \\ & 0 \end{array} \quad 7$ Q = 7, R = 0

(e) $\begin{array}{r|l} 6 & 33 \\ & 30 \\ & 3 \end{array} \quad 5$ Q = 5, R = 3

(f) $\begin{array}{r|l} 8 & 43 \\ & 40 \\ & 3 \end{array} \quad 5$ Q = 5, R = 3

(g) $\begin{array}{r|l} 8 & 73 \\ & 72 \\ & 1 \end{array} \quad 9$ Q = 9, R = 1

(h) $\begin{array}{r|l} 2 & 39 \\ & 38 \\ & 1 \end{array} \quad 19$ Q = 19, R = 1

(i) $\begin{array}{r|l} 3 & 29 \\ & 27 \\ & 2 \end{array} \quad 9$ Q = 9, R = 2

(j) $\begin{array}{r|l} 7 & 80 \\ & 77 \\ & 3 \end{array} \quad 11$ Q = 11, R = 3

(k) $\begin{array}{r|l} 10 & 98 \\ & 90 \\ & 8 \end{array} \quad 9$ Q = 9, R = 8

(l) $\begin{array}{r|l} 8 & 94 \\ & 88 \\ & 6 \end{array} \quad 11$ Q = 11, R = 6

4. Flowers in 6 vase = 36
Flowers in each vase = 36 ÷ 6
= 6

$$\begin{array}{r|l} 6 & 36 \\ & 36 \\ & 0 \end{array} \quad 6$$

5. Laddoos in 7 boxes = 35
Laddoos in each box = 35 ÷ 7
= 5

$$\begin{array}{r|l} 7 & 35 \\ & 35 \\ & 0 \end{array} \quad 5$$

6. Toffees shared by 4 children = 16
Toffees each child get = 16 ÷ 4
= 4

$$\begin{array}{r|l} 4 & 16 \\ & 16 \\ & 0 \end{array} \quad 4$$

7. Children in 5 houses = 50
Children in each houses = 50 ÷ 5
= 10

$$\begin{array}{r|l} 5 & 50 \\ & 50 \\ & 0 \end{array} \quad 10$$

8. Band made by 7 beads = 1
Band made by 63 beads = 63 ÷ 7
= 9

$$\begin{array}{r|l} 7 & 63 \\ & 63 \\ & 0 \end{array} \quad 9$$

9. 6 shells ut by Anita in a bag = 1
56 shells put by Anita = 56 ÷ 6
∴ She use bags = 9 Q = 9, R = 2
and left over = 2 shells

$$6\overline{)56}\,(9,\quad -54,\quad 2$$

Exercise 5.4

Tick (✓) the correct answer :

1. (a) $4\overline{)16}\,(4$, 16, 0

2. (a) $8 \times 7 = 56$
Then, $56 \div 7 = 8$

3. (c) $3\overline{)12}\,(4$, 12, 0

4. (a) $0 \div 6 = 0$

5. (b) 5

Quotient is 3

6. (d) $3\overline{)12}\,(4$, 12, 0

Each child get 4 toffees

Chapter-6 (Lines and Shapes)

Exercise 6.1

1. Find out :
Squares = 7 Rectangles = 5 Triangles = 2 Circles = 4

2. Name the following solid shapes:
(a) Cone, circle (b) Cube (c) Cube (d) Circle

3. Draw :
(a) (b)  (c) 

Exercise 6.2

1. With the help of a ruler, join the dots :
(a)
(b)

2. Join the dots with a curved line without using a ruler :
(a)
(b) 

3. Count the lines and write the type and number of the lines :
(a) 6 lines (b) 7 lines (c) 6 lines

4. Look at the picture given below and write how many of each type of line are there :

6 horizontal lines 7 Vertical lines 9 Slanting lines

5. Write the number of corners and sides for each type of shape:

(a)  corners = 4, sides = 4

(b)  corners = 0, sides = 0

(c)  corners = 3, sides = 3

(d)  corners = 4, sides = 4

6. Write the number of :

(a) 3 squares (b) 3 Circles (c) 5 triangles (d) 7 Rectangles

7. Write the name of the shapes of the following things:

(a) Cuboid (b) Sphere (c) Square (d) Cone

Exercise 6.3

1. Complete the following figures to make squares and rectangles:

Do it yourself.

2. Write the number of flat / curved face, edges and corners of the following solid shapes :

(a) 2 faces 1 edge 1 corner

(b) 2 faces 2 edges 0 corners

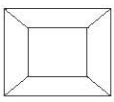
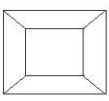
(c) 1 face 0 edge 0 corners

(d) 4 corners at top
4 corners at bottom

3. Name the shapes :

(a) Circle (b) Cuboid (c) Cube (d) Cone (e) Cube (f) Cylinder

4. Draw the shapes with the help of the base of a solid shape:

(a)  (b)  (c) 

Exercise 6.4

Tick (✓) the correct answer :

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

Test Paper-II

1. Multiply :

(a)
T	O
①	
1	6
×	3
4	8

(b)
T	O
①	
4	5
×	2
9	0

(c)
H	T	O
①		
3	5	2
	×	2
7	0	4

(d)
H	T	O
6	6	6
	×	1
6	6	6

2. Divide :

(a) $2\overline{)16}\,(8$ (b) $8\overline{)65}\,(8$ (c) $7\overline{)50}\,(7$ (d) $9\overline{)84}\,(9$

(a)	(b)	(c)	(d)
16	64	49	81
0	1	1	3
Q = 8	**Q = 8**	**Q = 7**	**Q = 9**
R = 0	R = 1	R = 1	R = 3

3. Write the number of corners and sides :

(a) Corners = 3 Sides = 3 (b) Corners = 4 Sides = 4

(c) Corners = 0 Sides = 0 (d) Corners = 4 Sides = 4

4. Complete the following figures to make squares and rectangles :

Do it yourself

5. 1 Cartoon contain = 42 mangoes

8 Cartoon contain = 42 × 8 mangoes

H	T	O
	①	
	4	2
	×	8
3	3	6

6. Laddoos packed in 9 boxes = 81

Laddoos packed in each box = 81 ÷ 9 = 9 $9\overline{)81}\,(9$

81
0

7. Fill in the blanks :

(a) 5 × 3 = 3 × 5 (b) 15 × 0 = 0 (c) 8 × 0 = 0

(d) 9 ÷ 9 = 1 (e) 0 ÷ 18 = 0 (f) edge

(g) cone (h) cube

8. Tick (✓) the correct answer:

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

Model Paper-I

1. Write the number names :

(a) 215 = Two hundred fifteen (b) 109 = One hundred nine

(c) 543 = Five hundred forty three (d) 965 = Nine hundred sixty five

2. Solve :

(a)

H	T	O
①	①	
5	3	2
× 1	8	9
7	2	1

(b)

H	T	O
9	4	6
– 5	3	2
4	1	4

(c)

H	T	O
①		
2	5	2
	×	2
5	0	4

(d) $5\overline{)44}\,(8$

40
4

Q = 8, R = 4

3. Look at the following pictures and write :

Horizontal lines = 6

Vertical lines = 7

Slanting lines = 9

4. Fill in the blanks :

(a) 4 hundreds (b) 388 (c) 9 (d) 121 (e) 108

5. Tick (✓) the correct answer:

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

Chapter-7 (Money)

Exercise 7.1

1. Match the following :

(a) 17 Rupees (b) 70 Rupees (c) 30 Rupees

(d) 120 Rupees (e) 65 Rupees

2. Tick (✓) the change money

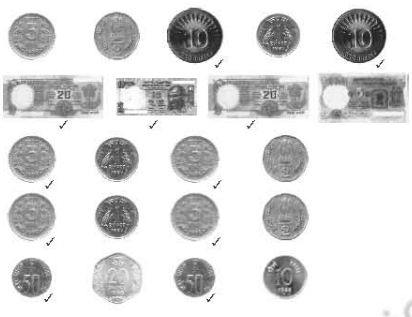
(a)

(b)

(c)

(d)

(e)



Exercise 7.2

1. Tick to match :

DO it yourself

2. Fill in :

(a) ₹6 + ₹5 = 11₹ (b) ₹18 + ₹5 = ₹23

(c) ₹50 + ₹10 = ₹60 (d) ₹20 + ₹20 = ₹40

(d) ₹20 + ₹10 = ₹30 (f) ₹10 + ₹5 + ₹5 = ₹20

3. Count the money and fill in the blanks :

(a) ₹18 (b) ₹29 (c) ₹11 (d) ₹35 (e) ₹9

4. Find the total amount of money :

(a) ₹45 (b) ₹60 (c) ₹80 (d) ₹170

5.

	T	O	
	3	8	⟶ Money need to buy chocolate
−	3	0	⟶ Money have Anita
	0	8	⟶ Needs more money to buy chocolate

6.

	T	O	
	3	0	⟶ Rupees given for burger
+		5	⟶ Rupees given for cold drink
	3	5	⟶ Total money given.

7.

	T	O	
	2	0	⟶ Note given to the shopkeeper
−	1	4	⟶ Cost of Ice cream
	0	6	⟶ Money returned by shopkeeper

8.

	T	O	
	3	4	→ Money paid for full ticket
+	1	7	→ Money paid for half ticket
	5	1	→ Total money paid

9.

	T	O	
	4	5	→ Cost of Toy car
+	0	8	→ Cost of ball
	5	3	→ Total money to buy both

Exercise 7.3

Tick (✓) the correct answer :

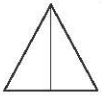
1. (b) 70 + 30 = 10 **2.** (a) 120 × 3 = 360 **3.** (a) ₹

4. (d) 100 paisa **5.** (a) 52 + 24 = 76

Chapter-8 (Fractions)

Exercise 8.1

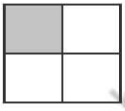
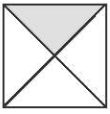
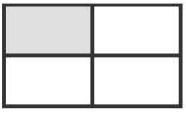
1. Divide each of the following shapes into half :

(a)  (b)  (c)  (d) 

2. What fraction is shaded :

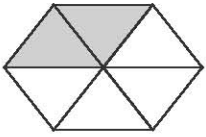
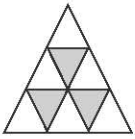
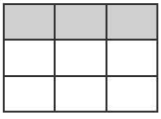
(a) $\frac{3}{4}$ (b) $\frac{1}{4}$ (c) $\frac{2}{4}$ (d) $\frac{1}{2}$

3. Shade with pencil one-fourth of each :

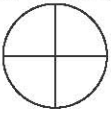
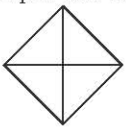
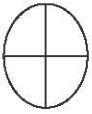
(a)  (b)  (c)  (d) 

Exercise 8.2

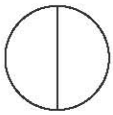
1. Shade $\frac{1}{3}$ of each shape :

(a)  (b)  (c) 

2. Divide the following shapes into four equal parts :

(a)  (b)  (c)  (d) 

3. Divide the following shapes into two equal parts :

(a)  (b)  (c)  (d) 

4. Write the fraction of shaded area :

(a) $\frac{2}{6} = \frac{1}{3}$ (b) $\frac{3}{4}$ (c) $\frac{1}{3}$ (d) $\frac{2}{3}$

5. Encircle the fraction for the shaded part :

(a) $\boxed{\frac{1}{2}}, \frac{3}{4}, \frac{1}{4}$ (b) $\frac{4}{24}, \boxed{\frac{5}{24}}, \frac{5}{22}$ (c) $\frac{1}{5}, \frac{3}{5}, \boxed{\frac{2}{5}}$ (d) $\frac{5}{10}, \boxed{\frac{2}{10}}, \frac{4}{15}$

Exercise 8.3

Tick (✓) the correct answer :

1. (b), $\frac{1}{2}$ **2.** (a), $\frac{1}{3}$

3. (c) $\frac{1}{4}$ **4.** (b), One half

5. (c), One fourth **6.** (a), One third

Chapter-9 (Measurement)

Exercise 9.1

1. Measure the length of the given objects :

Do it yourself

2. Write whether the length of the following objects are measured in m or cm :

(a) m (b) cm

(c) m (d) cm

3. Write the following lengths in meters and centimeters:

(a) 100 cm + 6 cm = 1m 6cm (b) 100 cm + 100 cm + 9 cm = 2m 9cm

(c) 500 cm + 28 cm = 5m 28cm (d) 400 cm + 76 cm = 4m 76cm

(e) 300 cm + 93 cm = 3m 93cm

4. Add and write the answer in m and cm :

(a)
$$\begin{array}{r} 38\text{ cm} \\ +\ 24\text{ cm} \\ \hline 62\text{ cm} \end{array}$$

(b)
$$\begin{array}{r} 53\text{ cm} \\ +\ 29\text{ cm} \\ \hline 82\text{ cm} \end{array}$$

(c)
$$\begin{array}{r} 102\text{ cm} \\ +\ 36\text{ cm} \\ \hline 138\text{ cm} \end{array}$$

5. Add and write answer in cm :

(a)
$$\begin{array}{r} 3\text{ m }28\text{ cm} \\ +\ 2\text{ m }21\text{ cm} \\ \hline 5\text{ m }49\text{ cm} \end{array}$$

(b)
$$\begin{array}{r} 2\text{ m }62\text{ cm} \\ +12\text{ m }53\text{ cm} \\ \hline 15\text{ m }15\text{ cm} \end{array}$$

(c)
$$\begin{array}{r} 12\text{ m }32\text{ cm} \\ +3\text{ m }58\text{ cm} \\ \hline 15\text{ m }90\text{ cm} \end{array}$$

6. Subtract and write the answer in cm :

(a) 26 m 58 cm − 15 m 34 cm = 11 m 24 cm

(b) 36 m 86 cm − 23 m 59 cm = 13 m 27 cm

(c) 48 m 87 cm − 21 m 39 cm = 27 m 48 cm

7. 2 m 16 cm + 12 cm = 2 m 28 cm

Rohan sister is 2m 28cm tall.

8. 85 cm + 36 cm = 121 cm

121 cm lace is used in both the frocks together.

9. 6 m 80 cm − 3 m 48 cm = 3 m 32 cm

Length of other piece is 3 m 32 cm.

10. 3 m 20 cm − 2 m 18 cm = 1 m 2 cm

Tony jumps 1m 2cm longer.

11. 45 m 32 cm + 33 m 24 cm = 78 m 56 cm

Total length of two ropes is 78m 56cm.

12. 285 m − 150 m = 135 m

Train travel 135 m in crossing the platform.

Exercise 9.2

1. Write whether the weights of the following things are measured in g or kg :

(a) gram (b) kilogram (c) gram

(d) kilogram (e) kilogram

2. Ring the correct weight:

(a) 10g / (10kg) (b) (200g) / 200kd

(c) (20g) / 20kg (d) 200g / (200kg)

3. Add the following :

(a) 78 kg 725 g + 28 kg 216 g = 106 kg 941 g

(b) 77 kg 260 g + 34 kg 152 g = 111 kg 412 g

(c) 76 kg 625 g + 23 kg 550 g = 100 kg 175 g

(d) 150 kg 225 g + 35 kg 150 g = 185 kg 375 g

4. Subtract the following :

(a) 492 kg 720 g − 48 kg 485 g = 444 kg 235 g

(b) 275 kg 350 g − 122 kg 230 g = 153 kg 120 g

(c) 475 kg 823 g
−386 kg 259 g
89 kg 564 g

(d) 555 kg 325 g
−283 kg 206 g
272 kg 119 g

5. 18 kg 250 g
+12 kg 160 g
30 kg 410 g

Total quantity of sugar is 30kg 410g.

6. 75 kg
−56 kg
19 kg

Man weighs 19kg more than his wife

7. 35 kg
+52 kg
87 kg

Total weight of Sohan and Rohan is 87 kg.

8. ②
56 kg
58 kg
+66 kg
180 kg

Total weight of three bothers is 180 kg.

9. 3 kg
4 kg
+1 kg
8 kg

Total weight of fruits in bag is 8 kg.

10. 150 kg 500 g
−90 kg 250 g
60 kg 250 g

Rice left with shopkeeper is 60kg 250g.

Exercise 9.3

1. Write whether the capacity of the following things is measured in L or mL.
(a) ml (b) ml (c) l (d) ml (e) ml

2. Add :

(a) 68 *l* 250 ml
+30 *l* 323 ml
98 *l* 573 ml

(b) 36 *l* 250 ml
+20 *l* 120 ml
56 *l* 370 ml

(c) 53 *l* 500 ml
+25 *l* 250 ml
78 *l* 750 ml

3. Subtract :

(a) 22 *l* 450 ml
−16 *l* 256 ml
6 *l* 194 ml

(b) 14 *l* 320 ml
−8 *l* 150 ml
6 *l* 170 ml

(c) 56 *l* 950 ml
−12 *l* 230 ml
44 *l* 720 ml

4. 7 *l* 250 ml
+ 5 *l* 500 ml
12 *l* 750 ml

Cow and buffalo give 12 *l* 750 ml milk in all.

5. 12 *l* 250 ml
+8 *l* 500 ml
20 *l* 750 ml

Tony bought 20 *l* 750 ml oil from shop.

6.
$$\begin{array}{r} 83\,l\ 500\ \text{ml} \\ +96\,l\ 250\ \text{ml} \\ \hline 179\,l\ 750\ \text{ml} \end{array}$$

179 *l* 750 m*l* drink was consumed together .

7.
$$\begin{array}{r} 18\,l\ 850\ \text{ml} \\ -9\,l\ 525\ \text{ml} \\ \hline 9\,l\ 325\ \text{ml} \end{array}$$

9 *l* 325 m *l* juice was left with him.

8.
$$\begin{array}{r} 36\,l \\ -8\,l \\ \hline 28\,l \end{array}$$

28 *l* of water is needed more.

9.
$$\begin{array}{r} 16\,l \\ +17\,l \\ \hline 33\,l \end{array}$$

Two buckets contain 33 *l* of water.

10.
$$\begin{array}{r} \overset{7}{5}\,\overset{15}{l}\ \cancel{85}0\ \text{ml} \\ -3\,l\ 580\ \text{ml} \\ \hline 2\,l\ 270\ \text{ml} \end{array}$$

2 *l* m*l* milk was left with her.

Exercise 9.4

Tick (✓) the correct answer :

1. (b) **2.** ml

3. (a)
$$\begin{array}{r} 67\ \text{kg} \\ -52\ \text{kg} \\ \hline 15\ \text{kg} \end{array}$$

4. **(b)**
$$\begin{array}{r} 35\ \text{kg} \\ +26\ \text{kg} \\ \hline 61\ \text{kg} \end{array}$$

Test Paper-III

1. Tick to match :
Do it yourself.

2. Find the total amount of money :
(a) 10 + 5 + 10 + 2 = ₹27
(b) 50 + 10 + 20 + 2 + 1 = ₹83

3. Write the fraction for the shaded part :
(a) $\frac{1}{3}$ (b) $\frac{1}{3}$ (c) $\frac{2}{4}$ (d) $\frac{3}{6}$

4. Write the following lengths in metres and centimetres:
(a) 1m 2cm (b) 4m 35cm (c) 9m 21cm

5. Write the following capacities in litres and militres:
(a) 1*l* 2 m*l* (b) 4*l* 35m*l* (c) 9*l* 21m*l*

6. 50 + 15 = ₹65
Total money spent was ₹65

7.
$$\begin{array}{r} 24\,l\ 550\ \text{ml} \\ -13\,l\ 200\ \text{ml} \\ \hline 11\,l\ 350\ \text{ml} \end{array}$$

11*l* 350m*l* juice is left with Anita.

8.
$$\begin{array}{r} 34\ \text{kg} \\ +50\ \text{kg} \\ \hline 84\ \text{kg} \end{array}$$

Total weight is 84 kg.

9. Fill in the blanks :
(a) ₹15 + 5 = ₹20 (b) ₹5 + ₹20 + ₹10 = ₹35
(c) 52kg 250g + 24kg 100g = 76kg 350g

(d) $14l\ 320\text{ml} - 8l\ 150\ \text{m}l = 6l\ 70\text{m}l$

(e) $5l\ 600\text{m}l$

10. Tick (✓) the correct answer:

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

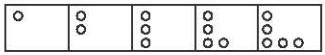
Chapter-10 (Patterns)

Exercise 10.1

1. Look for the pattern and draw what comes next :

(a) 

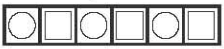
(b) 

(c) 

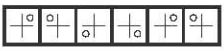
(d) 

(e) 

2. Look for the pattern and draw two shapes that comes next :

(a) 

(b) 

(c) 

(d) 

(e) 

3. Skip counting: Look for the pattern and write that come next :

(a) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

(b) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

(c) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

(d) 1, 3, 5, 7, 9, 11, 13, 15, 17, 19

(e) 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

4. Write the next four terms in each pattern:

(a) 3, 6, 9, 12, 15, 18, 21, 24

(b) 5, 10, 20, 40, 80, 160, 320, 640

(c) 2, 4, 8, 16, 32, 64, 128, 256

(d) 4, 9, 14, 19, 24, 29, 34, 39

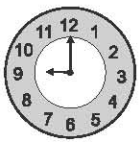
Chapter-11 (Time)

Exercise 11.1

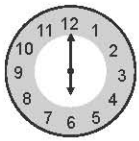
1. Draw the hour hand to show the time :

(a) 

(b) 

(c) 

2. Draw the hands to show the time :

(a)  (b)  (c) 

3. Write the time in two ways :

(a) 8 o'clock
8:00 hours

(b) 10 o'clock
10:00 hours

(c) 1 o'clock
1:00 hours

4. Write :

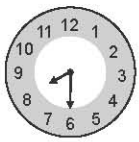
(a) Wednesday (b) Monday (c) Sunday

Exercise 11.2

1. Write the time shown by clocks :

(a) 5:40 (b) 6:10 (c) 6:20 (d) 6:15

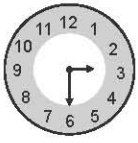
2. Draw the hour hand for the given time :

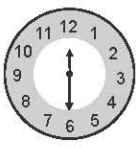
(a)  (b)  (c)  (d) 

3. Write the time shown by clocks :

(a) 7:15 (b) 11:15 (c) 5:15 (d) 12:15

4. Draw both hands of the clock for the given time :

(a)  (b)  (c) 

(d)  (e)  (f) 

5. Fill in the missing days in order :

Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

6. Write the day that comes after :

(a) Thursday (b) Tuesday (c) Saturday (d) Sunday

7. Fill in the blanks :

(a) Monday Tuesday Wednesday

(b) Thursday Friday Saturday

(c) Thursday Friday Saturday

8. Fill in the blanks :
(a) Monday (b) Sunday (c) Tuesday (d) Wednesday (e) Saturday

Exercise 11.3

1. Name the seven months that have 31 days :
January, March, May, July, August, October, December
2. February
3. April, June, September, November
4. Fill in the blanks :
(a) June (b) eleventh (c) February (d) fifth (e) July
5. Answer the following questions :
(a) January is the coldest month.
(b) May and June are the hotest months.
(c) August and July are the raining months.
6. Match the seasons with the months:

(a) Vasant	March-April
(b) Grishma	May-June
(c) Varsha	July-August
(d) Hemanta	November-December
(e) Shishira	January-February
(f) Sharada	September-October

7. Fill in the blanks :
(a) Varsha (b) Varsha (c) Shishira (d) Vasant (e) Sharada

Exercise 11.4

Tick (✓) the correct answer :
1. (a) 2. (b) 3. (b) 4. (b)

Chapter-12 (Data Handling)

Exercise 12.1

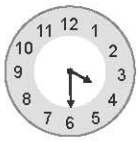
1. Count the toys in the above pictures :
(a) 4 (b) 3 (c) 2 (d) 4
2. With the help of the above collection answer the following questions:
(a) football and ball (b) Bat (c) Three
(d) Four (e) Football

Exercise 12.2

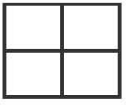
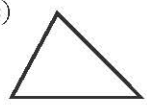
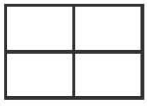
1. Count and write the number of vehicles:
(a) 7 (b) 8 (c) 5 (d) 4 (e) 6
2. Answer the following questions :
(a) Cycle (b) Car (c) Five (d) Truck (e) 30

3. Answer the following questions :
   (a) Cricket is the most like game.
   (b) Wrestling is the least like game.
   (c) Six people like hockey.
   (d) Five people like tennis.

Test Paper-IV

1. Write the next four terms in each pattern :
   (a) 2, 4, 6, 8, 10, 12, 14, 16, 18
   (b) 10, 20, 30, 40, 50, 60, 70, 80, 90
   (c) 4, 7, 10, 13, 16, 19, 22, 25, 28
   (d) 80, 70, 60, 50, 40, 30, 20, 10, 0
2. Draw the hour hand for the given time :
   (a) 
   (b) 
   (c) 
3. Write the day that comes after :
   (a) Friday (b) Saturday (c) Tuesday (d) Thursday
4. Answer the following questions :
   (a) January and December are the coldest month of the year.
   (b) July and August are the raining month.
   (c) May and June are the hotest month.
5. Answer the following questions :
   (a) Mango is liked by most students.
   (b) Pineapple is likes by least students.
   (c) 10 students like apple.
   (d) Apple and orange are liked by equal number of students.

Model Paper-II

1. Count the money and fill in the blanks :
   (a) 10 + 5 + 2 + 1 + 1 = ₹19
   (b) 5 + 5 + 2 + 2 + 1 = ₹15
   (c) 10 + 10 + 2 + 2 + 2 = ₹26
   (d) 50 + 10 + 5 + 2 + 1 = ₹68
2. Divide the following shapes into four equal parts :
   (a) 
   (b) 
   (c) 
   (d) 

3. Add the following :

(a)
$$\begin{array}{r} 56\text{ kg }550\text{ g} \\ +13\text{ kg }120\text{ g} \\ \hline 69\text{ kg }670\text{ g} \end{array}$$

(b)
$$\begin{array}{r} 120\text{ kg }200\text{ g} \\ +19\text{ kg }50\text{ g} \\ \hline 139\text{ kg }250\text{ g} \end{array}$$

(c)
$$\begin{array}{r} 94\text{ kg }500\text{ g} \\ +25\text{ kg }250\text{ g} \\ \hline 119\text{ kg }750\text{ g} \end{array}$$

4. Identify the pattern and complete the following :

(a) 

(b) 

(c) 

(d) 

5. Write the time shown by clocks :

(a) 2:00, 2 o'clock (b) 1:15 (c) 9:30

6. Answer the following questions :

(a) Purple is liked by most students.

(b) Orange colour is liked by least students.

(c) Blue colouer is liked by 13 students.

(d) 11 Children like orange colour.

7. Fill in the blanks :

(a) ₹20 + ₹15 = ₹35

(b) 250cm = 2m 50cm

(c) 2590ml = 2*l* 590m*l*

(d) ninth

8. Tick (✓) the correct answer:

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

Part-3

Chapter-1 (Four Digit Numbers)

Exercise 1.1

1. Write the numerals :

(a) Five hundred eighty-three [583]

(b) One hundred twenty- six [126]

(c) Eight hundred ninety-seven [897]

(d) Two hundred sixty-nine [269]

2. Write number names :

(a) 189 = one hundred eighty nine.

(b) 563 = five hundred sixty three

(c) 235 = two hundred thirty five

(d) 921 = nine hundred twenty one

(e) 686 = six hundred eighty six

(f) 760 = seven hundred sixty

(g) 876 = eight hundred seventy six

(h) 109 = one hundred nine.

3. Count backward and write :

(a) 210, 209, 208, 207, 206, 205, 204, 203, 202

(b) 529, 528, 527, 526, 525, 524, 523, 522, 521

(c) 948, 947, 946, 945, 944, 943, 942, 941, 940

4. Count forward and write :

(a) 210, 211, 212, 213, 214, 215, 216, 217, 218

(b) 502, 503, 504, 505, 506, 507, 508, 509, 510

(c) 825, 826, 827, 828, 829, 830, 831, 832, 833

5. Write the place value of each digit :

(a) 2 6 8
- 8 → 8
- 6 → 60
- 2 → 200

(b) 1 9 8
- 8 → 8
- 9 → 90
- 1 → 100

(c) 5 3 6
- 6 → 6
- 3 → 30
- 5 → 500

6. Write the number in between :

(a) 856 [857] 858

(b) 180 [181] 182

(c) 658 [659] 660

(d) 249 [250] 251

7. Write the numbers in expanded form :

(a) 236 = 2 hundreds + 3 tens + 6 ones

(b) 859 = 8 hundred + 5 tens + 9 ones

8. Arrange the following numbers in increasing order :

(a) 584, 456, 593 → 456 < 584 < 593

(b) 225, 391, 236 → 225 < 236 < 391

9. Separate the even numbers and odd numbers :

(a) Even numbers = 350, 678, 804, 282, 506

(b) Odd numbers = 461, 515, 393, 777, 999

10. (a) The biggest 3 digit numbers is 850

(b) The 3 smallest numbers is 508

Exercise 1.2

1. Write the number shown on abacus :

(a) 1637 (b) 2859 (c) 6234

(d) 9364 (e) 4427 (f) 3791

2. Count forward and write the numerals :

(a)

1021	1022	1023	1024	1025	1026
1027	1028	1029	1030	1031	1032
1033	1034	1035	1036	1037	1038
1039	1040	1041	1042	1043	1044
1045	1046	1047	1048	1049	1050
1051	1052	1053	1054	1055	1056
1057	1058	1059	1060	1061	1062
1063	1064	1065	1066	1067	1068
1069	1070				

(b)

5560	5561	5562	5563	5564
5565	5566	5567	5568	5569
5570	5571	5572	5573	5574
5575	5576	5577	5578	5579
5580	5581	5582	5583	5584
5585	5586	5587	5588	5589
5590	5591	5592	5593	5594
5595	5596	5597	5598	5599
5600	5601	5602	5603	5604
5605	5606	5607	5608	5609
5610				

(c)

8621	8622	8623	8624	8625
8626	8627	8628	8629	8630
8631	8632	8633	8634	8635
8636	8637	8638	8639	8640
8641	8642	8643	8644	8645
8646	8647	8648	8649	8650
8651	8652	8653	8654	8655

8656	8657	8658	8659	8660
8661	8662	8663	8664	8665
8666	8667	8668	8669	8670

3. Count backward and write the numerals :

(a) 5360, 5359, 5358, 5357, 5356, 5355, 5354, 5353, 5352, 5351, 5350

(b) 2528, 2527, 2526, 2525, 2524, 2523, 2522, 2521, 2520, 2519, 2518

(c) 8153, 8152, 8151, 8150, 8149, 8148, 8147, 8146, 8145, 8144, 8143

(d) 7001, 7000, 6999, 6998, 6997, 6996, 6995, 6994, 6993, 6992, 6991

(e) 9560, 9559, 9558, 9557, 9556, 9555, 9554, 9553, 9552, 9551, 9550

4. Write in words :

(a) three thousand six hundred ninety two

(b) one thousand ninety eight

(c) five thousand three hundred ninety six

(d) seven thousand four hundred thirty five

5. Write in numerals :

(a) 2208 (b) 6372 (c) 4125 (d) 3869

Exercise 1.3

1. Write the successor of the given numbers :

(a) 2610 → 2611 (b) 5238 → 5239

(c) 4290 → 4291 (d) 2156 → 2157

(e) 1098 → 1099 (f) 8954 → 8955

(g) 3216 → 3217 (h) 9084 → 9085

2. Write the predecessor of the given numbers :

(a) 5290 → 5289 (b) 1060 → 1059

(c) 2538 → 2537 (d) 4562 → 4561

(e) 3965 → 3964 (f) 2895 → 2894

(g) 9804 → 9803 (h) 7561 → 7560

3. Write the number that comes :

Before	After
(a) 2004	(h) 2564
(b) 1651	(i) 5961
(c) 9541	(j) 3655
(d) 6949	(k) 7439
(e) 8539	(l) 7000
(f) 7067	(m) 8641
(g) 8999	(n) 4387

4. Write the place value of each digit :

(a) 5 = 5000, 2 = 200, 6 = 60, 3 = 3

(b) 1 = 1000, 8 = 800, 5 = 50, 4 = 4

(c) 2 = 2000, 8 = 800, 9 = 90, 1 = 1

(d) 9 = 9000, 4= 400, 6 = 60, 5 = 5

5. Write the number from the place value of its digits :

(a) Already slolved.

6. Write the expanded form of :

(a) 3674 = $3\times1000 + 6\times100 + 7\times10 + 4$

(b) 2892 = $2\times1000 + 8\times100 + 9\times10 + 2$

(c) 1098 = $1\times1000 + 9\times10 + 8$

(d) 9564 = $9\times1000 + 5\times100 + 6\times10 + 4$

(e) 8495 = $8\times1000 + 4\times100 + 9\times10 + 5$

(f) 6324 = $6\times1000 + 3\times100 + 2\times10 + 4$

7. Write the short form of :

(a) 2000 + 900 + 8 = 2908

(b) 1000 + 600 + 7 = 1607

(c) 5000 + 800 + 2 = 5802

(d) 4000 + 400 + 9 = 4409

(e) 8000 + 600 + 20 = 8620

Exercise 1.4

1. Put the correct symbol > or < :

(a) 4056 ⊵ 3098 (b) 8143 ⊴ 8256 (c) 3741 ⊴ 5283

(d) 1214 ⊴ 2346 (e) 2642 ⊵ 1098 (f) 7643 ⊴ 7682

(g) 8931 ⊴ 8937 (h) 3241 ⊴ 3341 (i) 7265 ⊵ 7202

(j) 5846 ⊵ 5732 (k) 9017 ⊵ 9015 (l) 2056 ⊴ 6492

2. Tick (✓) the biggest and underline the smallest number in each set:

(a) 6213, 8001, 3263 ✓

(b) 2854, 3481, 6398 ✓

(c) 2082, 3112, 3009 ✓

(d) 1492, 3536, 4463 ✓

(e) 3492, 4263, 2569 ✓

(f) 2713, 2089, 2763 ✓

(g) 5438, 5455, 5856 ✓

(h) 8654, 2890, 5630 ✓

(i) 7001, 5243, 3296 ✓

(j) 4290, 3690, 2109 ✓

(k) 2451, 1235, 7548 ✓

(l) 3245, 2542, 3124 ✓

3. Arrange the following numbers in increasing order :

(a) 1098 < 2392 < 5398

(b) 1092 < 1492 < 3536

(c) 7824 < 8112 < 9761

(d) 3208 < 5998 < 9152

4. Arrange the following numbers in decreasing order :

(a) 5420 > 2586 > 1292

(b) 7321 > 6089 > 3560

(c) 6128 > 5650 > 2196

(d) 8960 > 4098 > 2496

5. Form the biggest and smallest four digit numbers with the given digits :

	Biggest	Smallest
(a)	8721	1278
(b)	6530	3056

(c) 6540 4056
(d) 9842 2489
(e) 9760 6079

6. Separate the even numbers and odd numbers :
(a) Even numbers— 5082, 2720, 6824, 9252, 2498
(b) Odd numbers— 2673, 5999, 3493, 4617, 8797

7. Write the even numbers between the two:
(a) 3856, 3858, 3860, 3862, 3864, 3866
(b) 7943, 7944, 7946, 7948, 7950, 7952
(c) 4824, 4826, 4828, 4830, 4832, 4834
(d) 6542, 6544, 6546, 6548, 6550, 6552

8. Write the odd numbers between the two numbers :
(a) 2181, 2183, 2185, 2187, 2189
(b) 3541, 3543, 3545, 3547, 3549
(c) 6023, 6025, 6027, 6029, 6031
(d) 7779, 7781, 7783, 7785, 7787
(e) 4011, 4013, 4015, 4017, 4019

Chapter-2 (Roman Numbers)

Exercise 2.1

1. Write the numbers in Roman numerals :
(a) II (b) V (c) VIII (d) XII
(e) XXIV (f) XVIII (g) X (h) XXVI
(i) XXXII (j) XXXVIII

2. Write the numbers in Hindi-Arabic numerals :
(a) 7 (b) 3 (c) 13 (d) 27
(e) 21 (f) 35 (g) 16 (h) 36
(i) 29 (j) 32

3. Compare :
(a) XVI $\boxed{<}$ XVII (b) XIV $\boxed{<}$ XXXV
(c) XVII $\boxed{<}$ XX (d) XXXV $\boxed{>}$ XXXIV
(e) XXIX $\boxed{>}$ XXII (f) XXXVIII $\boxed{<}$ XXXIX
(g) XX $\boxed{>}$ XVII (h) XXXIX $\boxed{>}$ XXXI

Chapter-3 (Addition)

Exercise 3.1

1. Add the following numbers :

(a)
$$\begin{array}{r} 132 \\ +\ 250 \\ \hline 382 \end{array}$$

(b)
$$\begin{array}{r} 250 \\ +\ 105 \\ \hline 355 \end{array}$$

(c)
$$\begin{array}{r} 821 \\ +\ 125 \\ \hline 946 \end{array}$$

(d) 406 + 453 = 859

(e) ① 526 + 217 = 743

(f) ① 818 + 159 = 977

2. Apples in one basket = 124
Apples in another basket = 252
Apples there in all = 124 + 252 = 376

3. MP3 bought by Sonali = 427
Watch bought by Sonali = 329
Sonali spend on both = ① 427 + 329 = 756

Exercise 3.2

1. Add the numbers :

(a) 1036 + 2523 = 3559

(b) 3242 + 4556 = 7798

(c) 5283 + 4502 = 9785

(d) 2094 + 3805 = 5899

(e) 4135 + 2513 = 6648

(f) 6350 + 3628 = 9978

(g) 6237 + 3452 = 9689

(h) 3164 + 1525 = 4689

(i) 3162 + 4625 = 7787

(j) 2142 + 1313 + 4502 = 7957

(k) 1250 + 1327 + 5012 = 7889

(l) ① 2132 + 5051 + 2720 = 9903

2. Add the numbers :

(a) ① ① 5624 + 1658 = 7282

(b) ① ① 3453 + 5884 = 9337

(c) ① ① 4057 + 2458 = 6515

(d) ① ① ① 2655 + 5746 = 8401

(e) ① ① ① 4729 + 2483 = 7212

(f) ① ① ① 3726 + 4687 = 8413

3. Do the following sums in your notebook :

(a) 7652 + 1232 = 8884

(b) 4212 + 2367 = 6579

(c) 3913 + 6076 = 9989

(d) 5734 + 3164 = 8898

(e) ① ① 4182 + 1649 = 5831

(f) ① ① 3271 + 1873 = 5144

(g) ① ① 3273 + 57 = 3330

(h) ① ① 250 + 168 + 3246 = 3664

(i)
$$\begin{array}{r} {\scriptstyle ①\,①\,①} \\ 2\,8\,3\,6 \\ 1\,5\,2\,3 \\ +\,2\,0\,4\,2 \\ \hline 6\,4\,0\,1 \end{array}$$

(j)
$$\begin{array}{r} {\scriptstyle ①\,①\,①} \\ 3\,2\,0\,1 \\ 1\,5\,6\,4 \\ +\,2\,7\,5\,8 \\ \hline 7\,5\,2\,3 \end{array}$$

Exercise 3.3

1. Fill in the blanks :

(a) $3256 + 1280 = \boxed{1280} + 3256$

(b) $1280 + 0 = \boxed{1280}$

(c) $\boxed{5209} + 0 = 5209$

(d) $0 + 3892 = \boxed{3892}$

(e) $2142 + \boxed{1892} = 1892 + 2142$

(f) $1056 + 2145 = 2145 + \boxed{1056}$

(g) $3890 + 0 = \boxed{3890}$

(h) $2156 + \boxed{0} = 2156$

(i) $9254 + \boxed{1892} = 1892 + 9254$

(j) $0 + \boxed{9352} = 9352$

2. Books in English = 3284
Book in Hindi = 2512
Books in both languages = 5796

Th	H	T	O
	3	2	8	4
+	2	5	1	2
	5	7	9	6

3. Price of shoes paid by Rohan = 2854
Price for watch paid by Rohan = 1025
Rupees Rohan spend in all = 3879

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

4. Stove bought by Rekha = 2468
Gas cylinder bought Rekha = 2684
Money he spend in all = 5152

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

5. Bricks laid before lunch = 3455
Brick laid after lunch = 4268
Bricks laid before and after lunch = 7723

Th	H	T	O
		①	①	
	3	4	5	5
+	4	2	6	8
	7	7	2	3

6. Farmeer has an apple trees = 2468
Farmer has an almond trees = 2546
Trees there are in all = 5014

Th	H	T	O
	①	①	①	
	2	4	6	8
+	2	5	4	6
	5	0	1	4

7. Pink roses bought by the seller = 1459
White roses bought by the seller = 5384
Total roses bought by the seller = 6843

Th	H	T	O
		①	①	
	1	4	5	9
+	5	3	8	4
	6	8	4	3

8. Money spend on travel = 3854
Money spend on boarding and lodging = 5869
Total money spend = 9723

Th	H	T	O
	①	①	①	
	3	8	5	4
	5	8	6	9
+	9	7	2	3

Test Paper-1

1. Write in words :

(a) 2450 = two thousand four hundred fifty

(b) 1523 = one thousand five hundred twenty three

(c) 8470 = eight thousand four hundred seventy

(d) 5398 = five thousand three hundred ninety eight

2. Write the place value of each digit :

(a) 2 3 1 0 → 0, 10, 300, 2000

(b) 9 4 3 6 → 6, 30, 400, 9000

(c) 5 3 2 8 → 8, 20, 300, 5000

3. Write the numbers in Roman Numerals :

(a) 3 = III (b) 10 = X (c) 15 = XV

(d) 21 = XXI (e) 39 = XXXIX (f) 43 = XLIII

4. (a)

Th	H	T	O
3	5	4	2
+ 1	0	3	6
4	5	7	8

(b)

Th	H	T	O
1	8	0	4
+ 4	1	3	5
5	9	3	9

(c)

Th	H	T	O
①	①	①	
3	6	8	8
+ 4	3	6	7
8	0	5	5

5. Cows in the village = 1265

Buffaloes in the village = 2689

Goats in the village = 5382

Total Animals in the city = 9336

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

6. Fill in the blanks :

(a) successor of 3296 = 3297 (b) predecessor of 2489 = 2488

(c) V, L and D are never repeated.

7. Tick (✓), correct answer:

(a) (iii) 2683 → 600

(b) (ii) predecessor of 2468 is 2467

(c) (ii) LXV = 65

Exercise 4.1

1. Subtract the following numbers :

(a)
H	T	O
8	4	2
− 5	2	1
3	2	1

(b)
H	T	O
7	9	6
− 6	1	2
1	8	4

(c)
H	T	O
1	13	13
2	~~4~~	~~3~~
− 1	6	8
	7	5

(d)
H	T	O
3	10	15
~~4~~	~~1~~	~~5~~
− 1	5	8
2	5	7

(e)
H	T	O
	10	10
8	~~1~~	~~0~~
− 3	2	3
4	8	7

(f)
H	T	O
3	15	
4	~~5~~	1
− 3	6	0
	9	1

2. Write the numbers in correct place and subtract :

(a)
H	T	O
	7	10
3	~~8~~	~~0~~
− 1	4	6
2	3	4

(b)
H	T	O
	7	14
7	~~8~~	~~4~~
− 2	3	8
5	4	6

(c)
H	T	O
4	15	13
~~5~~	~~6~~	~~3~~
− 1	8	5
3	7	8

3. A train has seats = 893
Passengers sitting in train = 438
Seats vacant = 455

H	T	O
	8	13
8	~~9~~	~~3~~
− 4	3	8
4	5	5

4. Books in library = 946
Old books = 589
New books = 357

H	T	O
8	13	16
~~9~~	~~4~~	~~6~~
− 5	8	9
3	5	7

Exercise 4.2

1. Subtract the numbers :

(a)
Th	H	T	O
6	5	4	0
− 4	3	2	0
2	2	2	0

(b)
Th	H	T	O
7	9	8	5
− 3	6	3	2
4	3	5	3

(c)
Th	H	T	O
5	4	8	6
− 2	3	5	3
3	1	3	3

(d)
Th	H	T	O
6	8	5	3
− 5	2	4	2
1	6	1	1

(e)
Th	H	T	O
9	8	8	6
− 5	4	4	2
4	4	4	4

(f)
Th	H	T	O
6	8	4	2
− 3	2	0	1
3	6	4	1

(g)
Th	H	T	O
2	8	3	9
− 0	5	1	4
2	3	2	5

(h)
Th	H	T	O
2	8	7	6
− 2	2	2	2
	6	5	4

(i)
TH	H	T	O
9	9	9	9
− 3	2	1	5
6	7	8	4

2. Subtract :

(a)
Th	H	T	O
		(13)	(11)
	2	2	~~4~~ ~~1~~
– 1	1	3	8
1	1	0	3

(b)
Th	H	T	O
		(5)	(12)
	3	4	~~6~~ ~~2~~
– 1	3	2	8
2	1	3	4

(c)
Th	H	T	O
		(5)	(7)
	8	6	~~8~~ ~~7~~
– 5	3	1	9
3	3	4	8

(d)
Th	H	T	O
		(4)	(12)
	8	4	~~5~~ ~~2~~
– 2	2	1	9
6	2	3	3

(e)
Th	H	T	O
		(2)	(12)
	9	6	~~3~~ ~~2~~
– 3	5	1	8
6	1	1	4

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

Exercise 4.3

1. Fill in the blanks :

(a) 2150 – 0 = 2150
(b) 3142 – 3142 = 0
(c) 1250 – 0 = 1250
(d) 816 – 0 = 816
(e) 5260 – 5260 = 0
(f) 2120 – 2120 = 0
(g) 8146 – 0 = 8146
(h) 1213 – 0 = 1213
(i) 5046 – 5046 = 0
(j) 2120 – 2120 = 0
(k) 6289 – 0 = 6289
(l) 812 – 0 = 812

2. Solve :

(a) 9463 – 2156 – 3892

Th	H	T	O
		(5)	(13)
9	4	~~6~~	~~3~~
– 2	1	5	6
7	3	0	7

Th	H	T	O
	(6)	(12)	(10)
~~7~~	~~3~~	~~0~~	7
– 3	8	9	2
3	4	1	5

(b) 7250 – 5210 + 1500

Th	H	T	O
7	2	5	0
– 5	2	1	0
2	0	4	0

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

(c) 7246 – 2100 – 3452

Th	H	T	O
7	2	4	6
– 2	1	0	0
5	1	4	6

Th	H	T	O
	(4)	(10)	(14)
~~5~~	~~1~~	~~4~~	6
– 3	4	5	2
1	6	9	4

(d) 5256 – 5025 + 3256

Th	H	T	O
5	2	5	6
– 5	0	2	5
	2	3	1

Th	H	T	O
	2	3	1
+ 3	2	5	6
3	4	8	7

Exercise 4.4

1. Students appeared in examination = 7658
Students passed in examination = 4302
Students failed = 3356

Th	H	T	O
7	6	5	8
− 4	3	0	2
3	3	5	6

2. Money needed for South India tour = 4864
Money Sofia has for South India tour = 1532
Money she needs more = 3332

Th	H	T	O
4	8	6	4
− 1	5	3	2
3	3	3	2

3. Seats in theater = 1500
Persons watched = 1232
Vacant seats = 268

Th	H	T	O
	④	⑨	⑩
1	~~5~~	~~8~~	~~8~~
− 1	2	3	2
	2	6	8

4. Money in the bank = 8400
Money withdrawn by Mr. sharma = 4256
Money left in the banks = 4144

Th	H	T	O
	③	⑨	⑩
8	4	~~0~~	~~0~~
− 4	2	5	6
4	1	4	4

5. At the beginning car reads = 5326 km
At the end car reads = 7200 km
Distance travelled by car = 1874 km

Th	H	T	O
⑥	⑪	⑨	⑩
~~7~~	~~2~~	~~0~~	~~0~~
− 5	3	2	6
1	8	7	4

6. Population of village = 7856
Number of males = 4320
Number of females = 3536

Th	H	T	O
7	8	5	6
− 4	3	2	0
3	5	3	6

7. Total students = 5480
Student with spectacles = 3659
Students without spectacles = 1821

Th	H	T	O
④	⑭	⑦	⑩
~~5~~	~~4~~	~~8~~	~~0~~
− 3	6	5	9
1	8	2	1

8. Money spent–on cow dung gas plant = 6800
Loan taken from bank = 3562
Money he spend from his pocket = 3238

Th	H	T	O
	⑦	⑨	⑩
6	~~8~~	~~0~~	~~0~~
− 3	5	6	2
3	2	3	8

Exercise 4.5

Tick (✔) the correct answer :

1. (c) (b) (a) (a)

Chapter-5 (Multiplication)

Exercise 5.1

1. Fill in the blanks :

(a) $10 \times 1 = 10$ (b) $2 \times 3 = \boxed{3} \times 2$

(c) $3 \times 0 = \boxed{0}$
(d) $10 \times \boxed{5} = 50$
(e) $0 \times 0 = \boxed{0}$
(f) $10 \times 9 = \boxed{90}$
(g) $27 \times 0 = \boxed{0}$
(h) $6 \times 9 = \boxed{54}$
(i) $4 \times 5 = \boxed{20}$
(j) $5 \times 6 = \boxed{30}$
(k) $5 \times \boxed{8} = 40$
(l) $0 \times \boxed{16} = 0$
(m) $0 \times 8 = \boxed{0}$
(n) $\boxed{9} \times 9 = 81$
(o) $8 \times 9 = \boxed{72}$
(p) $20 \times 4 = \boxed{80}$

2. Multiply :

(a)
T	O
4	3
×	2
8	6

(b)
T	O
1	2
×	4
4	8

(c)
T	O
8	6
×	1
8	6

(d)
T	O
4	0
×	5
20	0

(e)
T	O
①	
5	4
×	4
21	6

(f)
T	O
5	0
×	6
30	0

3. 1 car has = 4 wheels
5 car has = 5×4
= 20 wheels

4. 1 horse has = 4 legs
8 horse has = 8×4 legs = 32 legs

5. 1 boat = 2 girls
4 boat = 2×4
= 8 girls

Exercise 5.2

1. Fill in the blanks :

(a) $2 \times 6 = \boxed{12}$
(b) $5 \times 8 = \boxed{40}$
(c) $\boxed{9} \times 9 = 81$
(d) $7 \times \boxed{5} = 35$
(e) $9360 \times 0 = \boxed{0}$
(f) $1260 \times 1 = \boxed{1260}$
(g) $\boxed{0} \times 90 = 0$
(h) $0 \times 380 = \boxed{0}$
(i) $2 \times 8 = \boxed{8} \times 2$
(j) $1 \times 9 = \boxed{9} \times 1$
(k) $2 \times 3 \times 1 = 3 \times \boxed{2} \times 1$
(l) $5 \times 4 \times 1 = 4 \times 5 \times \boxed{1}$
(m) $\boxed{3} \times 2 \times 6 = 2 \times \boxed{6} \times 3$
(n) $9 \times 7 = \boxed{63}$
(o) $6 \times 8 = \boxed{48}$
(p) $3 \times 8 = \boxed{24}$
(q) $5 \times \boxed{6} = 30$
(r) $\boxed{6} \times 9 = 54$
(s) $8 \times \boxed{5} = 40$
(t) $0 \times 1689 = \boxed{0}$
(u) $\boxed{1} \times 1250 = 1250$
(v) $1 \times 190 = \boxed{190}$
(w) $180 \times 0 = \boxed{0}$
(x) $4 \times 8 = \boxed{32}$
(y) $7 \times \boxed{7} = 49$
(z) $0 \times 9463 = \boxed{0}$

Exercise 5.3

1. Multiply :

(a)
Th	H	T	O
	②		
	1	6	0
		×	4
	6	4	0

(b)
Th	H	T	O
		①	
	1	0	5
		×	3
	3	1	5

(c)
Th	H	T	O
	1	2	1
		×	3
	3	6	3

(d)
Th	H	T	O
	2	2	2
		×	4
	8	8	8

(e)
Th	H	T	O
		①	
	1	5	2
		×	2
	3	0	4

(f)
Th	H	T	O
	①	④	
	1	1	5
		×	8
	9	2	0

(g)
Th	H	T	O
	②	①	
	2	7	6
		×	3
	8	2	8

(h)
Th	H	T	O
	①	①	
	4	5	4
		×	3
1	3	6	2

(i)
Th	H	T	O
	④	④	
	1	9	9
		×	5
	9	9	5

Exercise 5.4

1. Multiply using multiplication tables :

(a) $12 \times 4 = 48$ (b) $19 \times 9 = 171$ (c) $11 \times 3 = 33$
(d) $20 \times 4 = 80$ (e) $12 \times 9 = 108$ (f) $17 \times 6 = 102$
(g) $17 \times 7 = 119$ (h) $13 \times 8 = 104$ (i) $12 \times 8 = 96$
(j) $11 \times 8 = 88$ (k) $18 \times 8 = 144$ (l) $12 \times 7 = 84$
(m) $17 \times 9 = 153$ (n) $14 \times 5 = 70$ (o) $20 \times 9 = 180$

2. Multiply :

(a) $48 \times 10 = 480$ (b) $29 \times 300 = 8700$ (c) $156 \times 10 = 1560$
(d) $12 \times 600 = 7200$ (e) $34 \times 200 = 6800$ (f) $34 \times 60 = 2040$

3. Multiply :

(a)
Th	H	T	O
		5	6
	×	7	0
		0	0
3	9	2	×
3	9	2	0

(b)
Th	H	T	O
		2	7
	×	9	0
		0	0
2	4	3	×
2	4	3	0

(c)
Th	H	T	O
		4	5
	×	4	0
		0	0
1	8	0	×
1	8	0	0

(d)
Th	H	T	O
		⑥	
		5	8
	×	2	8
	4	6	4
1	1	6	×
1	6	2	4

(e)
Th	H	T	O
		④	
		5	6
	×	2	8
	4	4	8
1	1	2	×
1	5	6	8

(f)
Th	H	T	O
		9	4
	×	3	2
	1	8	8
2	8	2	×
3	0	0	8

(g)
Th	H	T	O
		③	
		3	5
	×	4	6
	2	1	0
1	4	0	×
1	6	1	0

(h)
Th	H	T	O
		②	
		8	4
	×	6	5
	4	2	0
5	0	4	×
5	4	6	0

(i)
Th	H	T	O
		①	
		9	3
	×	4	6
	5	5	8
3	7	2	×
4	2	7	8

Exercise 5.5

1. Multiply :

(a)
Th	H	T	O
	①	②	
	2	2	4
	×	3	6
1	3	4	4
6	7	2	×
8	0	6	4

(b)
Th	H	T	O
	3	2	8
	×	2	1
	3	2	8
6	5	6	×
6	8	8	8

(c)
Th	H	T	O
	②	④	
	3	5	9
	×	1	5
1	7	9	5
3	5	9	×
5	3	8	5

(d)
Th	H	T	O
	④	④	
	4	7	8
	×	1	6
2	8	6	8
4	7	8	×
7	6	4	8

(e)
Th	H	T	O
	②	④	
	4	3	5
	×	2	8
3	4	8	0
8	7	0	×
12	1	8	0

(f)
Th	H	T	O
	③	⑤	
	3	5	9
	×	2	6
2	1	5	4
7	1	8	×
9	3	3	4

(g)
Th	H	T	O
	③	②	
	6	8	5
	×	2	4
2	7	4	0
1	3	7	0 ×
1	6	4	4 0

(h)
Th	H	T	O
	④	②	
	1	9	5
	×	1	5
	9	7	5
1	9	5	×
2	9	2	5

(i)
Th	H	T	O
	⑤	②	
	2	6	3
	×	2	8
2	1	0	4
5	2	6	×
7	3	6	4

2. Cost of 1 book = 185
Cost of 24 books = 185 × 24

Th	H	T	O
	③	②	
	1	8	5
	×	2	4
	7	4	0
3	7	0	×
4	4	4	0

3. Seats in 1 row = 34
Seats in 26 rows = 26 × 34

Th	H	T	O
		②	
		2	6
	×	3	4
	1	0	4
7	8	×	
8	8	4	

4. Pencils in 1 packet = 14
Pencils in 56 packets = 14 × 56

Th	H	T	O
		②	
		5	6
	×	1	4
	2	2	4
	5	6	×
	7	8	4

5. A. man buy bananas in 1 day = 48
A. man buy bananas in 30 days = 48 × 30

Th	H	T	O
		4	8
	×	3	0
		0	0
1	4	4	×
1	4	4	0

6. Heart beats in a minute = 72 times
Heart beats in 60 minutes = 70 × 60

Th	H	T	O
		7	0
	×	6	0
4	2	0	0

7. Flats in an apartment = 174
Flats in 9 apartment = 174×9

Th	H	T	O
	⑥	③	
	1	7	4
		×	9
15	6	6	

8. Colours in the box = 112
Colours in the 11 boxes = 112×11

Th	H	T	O
	1	1	2
	×	1	1
	1	1	2
1	1	2	×
1	2	3	2

Exercise 5.6

Tick (✔) the correct answer :

1. (b)
$67 \times 1 = 67$

2. (a)
$503 \times 0 = 0$

3. (a)
$7 \times 3 = 21$

4. (c)
$9 \times 8 = 72$

5. (b)
$7 \times 6 = 42$

Chapter-6 (Division)

Exercise 6.1

1. Fill in the blanks :

(a) $80 \div 5 = \boxed{16}$

$5\overline{)80}\,(16$
$5\downarrow$
30
30
$\times$

(b) $24 \div 3 = \boxed{8}$

$3\overline{)24}\,(8$
24
$\times$

(c) $40 \div 5 = \boxed{8}$

$5\overline{)40}\,(8$
40
$\times$

(d) $18 \div 2 = \boxed{9}$

$2\overline{)18}\,(9$
18
$\times$

(e) $32 \div 4 = \boxed{8}$

$4\overline{)32}\,(8$
32
$\times$

(f) $72 \div 8 = \boxed{9}$

$8\overline{)72}\,(9$
72
$\times$

(g) $56 \div 7 = \boxed{8}$

$7\overline{)56}\,(8$
56
$\times$

(h) $63 \div 7 = \boxed{9}$

$7\overline{)63}\,(9$
63
$\times$

(i) $81 \div 9 = \boxed{9}$

$9\overline{)81}\,(9$
81
$\times$

(j) $36 \div 6 = \boxed{6}$

$6\overline{)36}\,(6$
36
$\times$

(k) $45 \div 9 = \boxed{5}$

$9\overline{)45}\,(5$
45
$\times$

(l) $48 \div 8 = \boxed{6}$

$8\overline{)48}\,(6$
48
$\times$

2. Using division properties, fill in the following blanks :

(a) $8 \div 8 = \boxed{1}$
(b) $0 \div 9 = \boxed{0}$
(c) $0 \div 16 = \boxed{0}$
(d) $8 \div 1 = \boxed{8}$
(e) $4 \div 4 = \boxed{1}$
(f) $0 \div 18 = \boxed{0}$
(g) $21 \div 21 = \boxed{1}$
(h) $9 \div 1 = \boxed{9}$
(i) $0 \div 12 = \boxed{0}$

3. Write the dividend, divisor and quotient in each division sum :

(a) Dividend = 35
Divisor = 7
Quotient = 5

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

(b) Dividend = 60
Divisor = 10
Quotient = 6

$$10\overline{)60}\,(6 \quad 60 \quad \times$$

(c) Dividend = 36
Divisor = 6
Quotient = 6

$$6\overline{)36}\,(6 \quad 36 \quad \times$$

(d) Dividend = 81
Divisor = 9
Quotient = 9

$$9\overline{)81}\,(9 \quad 81 \quad \times$$

4. Divide and write the quotient and remainder :

(a) $10\overline{)90}\,(9 \quad 90 \quad \times$

Quotient = 9
Remainder = 0

(b) $9\overline{)82}\,(9 \quad 81 \quad 1$

Quotient = 9
Remainder = 1

(c) $7\overline{)65}\,(9 \quad 63 \quad 2$

Quotient = 9
Remainder = 2

5. Total no. of toffees = 45

Divided among children = 9

Each child get toffees = 5

$$9\overline{)45}\,(5 \quad -45 \quad x$$

Exercise 6.2

1. Write the division facts :

(a) 6 toffees equally shared among 2 children is means 3 toffees for each. $6 \div 2 = 3$

(b) 28 sweets shared equally among 4 girls is 7 each. $28 \div 4 = 7$

(c) 15 cups in equal groups of 5 on a tray is 3 groups. $15 \div 5 = 3$

(d) 10 beads in equal group of 2 is 5 group $10 \div 2 = 5$

2. Divide the following by repeated subtraction:

(a) $20 \div 5$
$20 - 5 = 15$
$15 - 5 = 10$
$10 - 5 = 5$
$5 - 5 = 0$
$\therefore 20 \div 5 = 4$

(b) $12 \div 3$
$12 - 3 = 9$
$9 - 3 = 6$
$6 - 3 = 3$
$3 - 3 = 0$
$\therefore 12 \div 3 = 4$

(c) $24 \div 6$
$24 - 6 = 18$
$18 - 6 = 12$
$12 - 6 = 6$
$6 - 6 = 0$
$\therefore 24 \div 6 = 4$

(d) $32 \div 8$
$32 - 8 = 24$
$24 - 8 = 16$
$16 - 8 = 8$
$8 - 8 = 0$
$\therefore 32 \div 8 = 4$

3. Find and write the dividend, divisor and quotient in each sum :

(a) Dividend = 14
Divisor = 2
Quotient = 7

$$2\overline{)14}\,(7 \quad 14 \quad 0$$

(b) Dividend = 18
Divisor = 3
Quotient = 6

$$3\overline{)18}\,(6 \quad 18 \quad 0$$

(c) Dividend = 25
Divisor = 5
Quotient = 5

$$5\overline{)25}\,(5 \quad 25 \quad 0$$

(d) Dividend = 81
Divisor = 9
Quotient = 9

$$9\overline{)81}\,(9 \quad 81 \quad 0$$

Exercise 6.3

1. Divide :

(a)
```
     H T O
  4) 4 4 8 (112
     4 ↓
     0 4
       4
       0 8
         8
         ×
```

(b)
```
     H T O
  3) 6 9 3 (231
     6 ↓
     0 9
       9
       0 3
         3
         ×
```

(c)
```
     H T O
  2) 6 2 4 (312
     6 ↓
     0 2
       2
       0 4
         4
         0
```

(e)
```
     H T O
  4) 8 4 8 (212
     8 ↓
     0 4
       4
       0 8
         8
         0
```

(d)
```
     H T O
  3) 9 6 3 (321
     9 ↓
     0 6
       6
       0 3
         3
         0
```

(f)
```
     H T O
  4) 4 0 8 (102
     4 ↓ ↓
     0 0 8
         8
         0
```

2. Divide :

(a)
```
     Th H T O
  4) 8  4 4 8 (2112
     8  ↓
     0  4
        4
        0 4
          4
          0 8
            8
            0
```

(b)
```
     Th H T O
  3) 9  9 0 7 (3302
     9  ↓
     0  9
        9
          0 7
            6
            1
```

(c)
```
     Th H T O
  3) 6  0 3 9 (2013
     6  ↓ ↓
     0  0 3
          3
          0 9
            9
            ×
```

(d)
```
     Th H T O
  2) 4  8 0 5 (2402
     4  ↓
     0  8
        8
          0 5
            4
            1
```

(e)
```
     Th H T O
  2) 6  9 0 3 (3451
     6  ↓
     0  9
        8
        1 0
        1 0
          0 3
            2
            1
```

(f)
```
     Th H T O
  2) 4  8 4 2 (2421
     4  ↓
     0  8
        8
        0 4
          4
          0 2
            2
            0
```

Exercise 6.4

1. Divide :

(a)
```
      H T O
11 ) 8 9 3 ( 81
     8 8 ↓
       1 3
       1 1
         2
```

(b)
```
      H T O
12 ) 5 4 3 ( 45
     4 8 ↓
       6 3
       6 0
         3
```

(c)
```
      H T O
12 ) 5 8 3 ( 486
     4 8 ↓
     1 0 3
       9 6
         7 3
         7 2
         0 1
```

(d)
```
      H T O
17 ) 5 2 3 ( 30
     5 1 ↓
       1 3
```

(e)
```
      H T O
15 ) 5 4 4 ( 36
     4 5 ↓
       9 4
       9 0
         4
```

(f)
```
      H T O
16 ) 8 6 9 ( 54
     8 0 ↓
       6 9
       6 4
         5
```

2. Ducks in 8 ponds = 1576
Duck in 8 ponds = 1576 ÷ 8

```
       Th H T O
8 ) 1  5  7  6 ( 197
       8  ↓  |
       7  7  |
       7  2  ↓
          5  6
          5  6
          0
```

3. Children in a room = 44
Children in a team = 6 each
Team formed = 44 ÷ 6

```
6 ) 4 4 ( 7
    4 2
    2
```

Total 7 teams were formed and 2 were left.

4. Chocolates distributed among 7 friends = 36
Each student get = 36 ÷ 7 = 5
Chocolates left = 1

```
7 ) 3 6 ( 5
    3 5
    0 1
```

5. Apples in 8 basket = 58 each
Apples in each basket = 58 ÷ 8
= 7
Apples left = 2

```
8 ) 5 8 ( 7
    5 6
    2
```

6. Sohan's mother gave him = ₹63
one ice cream costs = ₹ 9
Total ice -cream her;buy = 63 ÷ 9 = 7.

$$9\overline{)63}\,(7,\quad -63,\quad 0$$

7. Surekha drove her car = 774 km.
She drive in one litre = 18 km
She consume petrol = 774 ÷ 18 = 43

$$18\overline{)774}\,(43,\quad -72\downarrow,\quad 54,\quad 54,\quad 0$$

8. Students in 8 classes = 736
Students in each class = 736 ÷ 8

$$8\overline{)736}\,(92,\quad 72,\quad 16,\quad 16,\quad 0$$

9. In a school fair 6 children sold tickets = 174
Tickets that each child sell = 174 ÷ 6

$$6\overline{)174}\,(29,\quad 12\downarrow,\quad 54,\quad 54,\quad \times$$

Exercise 6.5

Tick (✓) the correct answer:

1. (b) **2.** (d) **3.** (a) 18 ÷ 2 = 9 **4.** (b) 7, 56 ÷ 7 = 8

5. Apples in 5 baskets = 465
Apples in 1 baskets = 465 ÷ 5

$$5\overline{)465}\,(93,\quad 45\downarrow,\quad 15,\quad 15,\quad 0$$

Test Paper–II

1. Subtract :

(a)
Th	H	T	O
8	4	6	2
− 6	2	5	1
2	2	1	1

(b)
Th	H	T	O
9	3	2	8
− 5	2	1	7
4	1	1	1

(c)
Th	H	T	O
⑧	⑬	⑫	⑭
~~9~~	~~4~~	~~3~~	~~2~~
− 2	7	6	8
6	6	6	4

2. Total students = 4210
Students wear spectacles = 2583
Students do not wear spectacle =

Th	H	T	O
③	⑪	⑩	⑩
~~4~~	~~2~~	~~1~~	~~0~~
− 2	5	8	3
1	6	2	7

3. Multiply :

(a)
Th	H	T	O
	①		
3	5	4	
	×	2	
7	0	8	

(b)
Th	H	T	O
		5	8
	×	6	0
		0	0
3	4	8	×
3	4	8	0

(c)
Th	H	T	O
		②	
		9	6
	×	2	4
	3	8	4
1	9	2	×
2	3	0	4

4. Bananas bought by man in a day = 48
Bananas bought by man in 30 days = 48×30

```
   Th H T O
      4 8
    × 3 0
   ------
      0 0 0
  1 4 4 ×
  -------
  1 4 4 0
```

5. Divide :

(a)
```
   H T O
2 ) 2 4 8 ( 124
    2 ↓
    ---
    0 4
      4
    ---
      0 8
        8
      ---
        0
```

(b)
```
   H T O
7 ) 7 6 6 ( 109
    7 ↓ ↓
    -----
    0 6 6
      6 3
    -----
        3
```

(c)
```
   Th H T O
3 ) 6 0 3 9 ( 2013
    6 ↓ ↓ |
    -------
    0 0 3 |
        3 ↓
      -----
      0 9
        9
      ---
        0
```

6. Students in 9 classes = 315
Students in each class = $315 \div 9$

```
  8 4 6 2
- 5 2 1 0
---------
  3 2 5 2
```

7. Fill in blanks :

(a) 8462–5210 = 3252

(b) $\boxed{3864}$ –3864 = 0

(c) $0 \times 4283 = 0$

(d) $542 \times 3 = 1626$

```
  ①
  5 4 2
    × 3
  -----
1 6 2 6
```

(e) $286 \div 2$

```
2 ) 2 8 6 ( 143
    2 ↓
    ---
    8
    8 ↓
    ---
      6
      6
    ---
      0
```

8. Tick (✓) the correct answers :

(a) iv
8325–2367+5203 =

```
  ⑦ ⑫ ⑪ ⑮
  8 3 2 5
- 2 3 6 7
---------
  5 9 5 8
```

```
    ①   ①
    5 9 5 8
+   5 2 0 3
-----------
1 1 1 6 1
```
i.e. 11161

(c) (iii)
634×4

```
   ①
  6 3 4
    × 4
  -----
2 5 3 6
```

(b) $27 - 3 - 3 = 21$
$\therefore$ (ii)

```
   H T O
9 ) 3 1 5 ( 35
    2 7 ↓
    -----
      4 5
      4 5
    -----
        0
```

(d) $5236 \times 0 = 0$ (i)

(e)
```
8 ) 5 8 4 ( 73
    5 6 ↓
    -----
      2 4
      2 4
    -----
        ×
```

9. Population of a village = 7856
No. of males = 4320
No. of females = 7856 – 4320 = 3536

Th	H	T	O
	7	8	5	6
–	4	3	2	0
	3	5	3	6

Model Paper–I

1. Write in numerals :
(a) Eight thousand three hundred four = 8304
(b) One thousand five hundred thirty six = 1536
(c) Three thousand two hundred seventy three = 3273

2. Write the numbers in Hindu–Arabic system:
(a) 27 (b) 23 (c) 66 (d) 38
(e) 12 (f) 26

3. Add :

(a)

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

(b)

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

(c)

Th	H	T	O
	①	①	①	
	3	4	9	8
+	1	7	6	2
	5	2	6	0

4. Subtract :

(a)

Th	H	T	O
	9	5	3	2
–	5	4	1	0
	4	1	2	2

(b)

Th	H	T	O
	2	5	4	6
–	1	1	3	2
	1	4	1	4

(c)

Th	H	T	O
	④	⑪	⑰	⑬
	~~5~~	~~2~~	~~8~~	~~3~~
–	2	5	9	7
	2	6	8	6

5. Multiply :

(a)

Th	H	T	O
	①		
	1	5	1
		×	3
	4	5	3

(b)

Th	H	T	O
	①		
	2	5	2
		×	2
	5	0	4

(c)

Th	H	T	O
		③	
		5	8
	×	2	4
	2	3	2
1	1	6	×
1	3	9	2

6. Divide :

(a)

	H	T	O	
4	4	8	4	121
	4	↓		
	0	8		
		8		
		0	4	
			4	
			0	

(b)

	Th	H	T	O	
3	1	2	0	3	401
	1	2	↓	↓	
		0	0	3	
				3	
				0	

(c)

	H	T	O	
7	5	0	4	72
	4	9	↓	
		1	4	
		1	4	
			0	

7. Fill in the blanks :
(a) The successor of 8489 is 8490
(b) X can be subtracted from L, C and K

(c) 2168+3210 = 5378

(d) 9875–2431 = 7444

(e) 980 ÷ 10 = 98

8. Tick (✔) the correct answer :

(a) (iii) 7842 > 7841

(b) (iii)

(c) (ii)

Apples trees = 1432

Mango trees = 2835

Total trees = 1432+2835

$$\begin{array}{r} \overset{1}{} \\ 1\ 4\ 3\ 2 \\ +\ 2\ 8\ 3\ 5 \\ \hline 4\ 2\ 6\ 7 \end{array}$$

(d) (i) oranges in carton = 32

oranges in 26 carton = 32 × 26

$$\begin{array}{r} \overset{1}{} \\ 3\ 2 \\ \times 2\ 6 \\ \hline 1\ 9\ 2 \\ 6\ 4\times \\ \hline 8\ 3\ 2 \end{array}$$

(e) (iv) orbits made by earth in 8 days = 128

orbits made by each day = 128 ÷ 8

∴ satellite takes 16 orbits each day.

$$\begin{array}{r|l} & H\ T\ O \\ 8 & 1\ 2\ 8 \quad (16 \\ & \ \ 8\downarrow \\ \hline & \ 4\ 8 \\ & \ 4\ 8 \\ \hline & \ \ 0 \end{array}$$

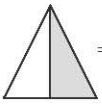
Chapter-7 (Fractions)

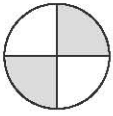
Exercise 7.1

1. Write the fraction for shaded part:

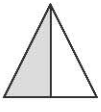
(a)  $= \frac{2}{3}$

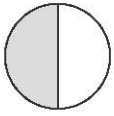
(b)  $= \frac{1}{2}$

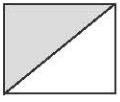
(c)  $= \frac{1}{2}$

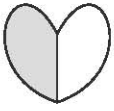
(d)  $= \frac{2}{4}$

2. Shade $\frac{1}{2}$ of each shape :

(a) 

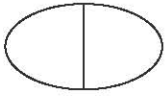
(b) 

(c) 

(d) 

3. divide each of them in 2 equal parts :

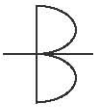
(a) 

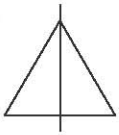
(b) 

(c) 

(d) 

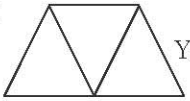
4. Tick the figures that show halves:

(a) 

(c) 

Exercise 7.2

1. Tick (✓) on yes for equal parts and No for unequal parts :

(a)  Yes

(b)  No

(c)  Yes

(d)  No

(e)  Yes

2. Write each fraction in words :

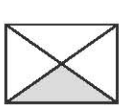
(a) $\frac{1}{3}$ = one third

(b) $\frac{2}{4}$ = two fourth

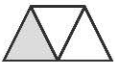
(c) $\frac{4}{5}$ = four fifth

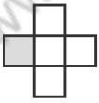
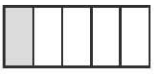
(d) $\frac{1}{6}$ = one sixth

3. Colour to show fraction :

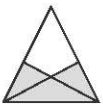
(a) $\frac{1}{4}$  

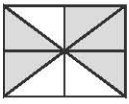
(b) $\frac{1}{2}$  

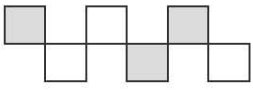
(c) $\frac{1}{3}$  

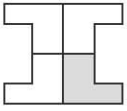
(d) $\frac{1}{5}$  

4. What fraction is shaded?

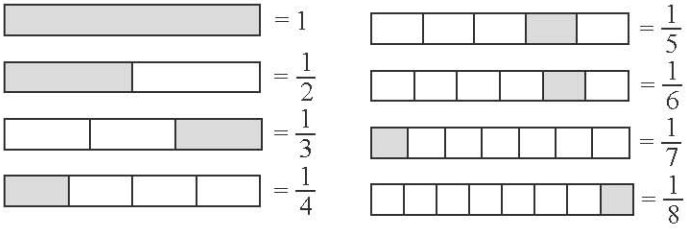
(a)  $= \frac{3}{4}$

(b)  $= \frac{5}{8}$

(c)  $= \frac{3}{6}$

(d)  $= \frac{1}{4}$

5. Colour one part of each strip and write the fraction :



6. Fill ups :

(a) $\frac{1}{2}$ of 4 = 2 (b) $\frac{1}{3}$ of 12 = 4

(c) A quarter of 16 = 4 (d) One third of 18 = 6

Exercise 7.3

1. Write the fractions whose numerator and denominator are given :

(a) N = 1, D = 2 $= \frac{1}{2}$ (b) N = 13, D = 17 $= \frac{13}{17}$ (c) N = 2, D = 5 $= \frac{2}{5}$

(d) N = 4, D = 9 $= \frac{4}{9}$ (e) N = 3, D = 10 $= \frac{3}{10}$ (f) N = 5, D = 12 $= \frac{5}{12}$

2. Point out the numerator and denominator in the fractions :

(a) $\frac{1}{4}$ N = 1, D = 4 (b) $\frac{3}{4}$ N = 3, D = 4

(c) $\frac{2}{3}$ N = 2, D = 3 (d) $\frac{4}{7}$ N = 4, D = 7

3. Write the numerator and denominator of each fraction :

(a) $\frac{10}{13}$ N = 10, D = 13 (b) $\frac{5}{6}$ N = 5, D = 6

(c) $\frac{5}{8}$ N = 5, D = 8 (d) $\frac{9}{3}$ N = 9, D = 3

Exercise 7.4

1. Fill in the boxes with < or > :

(a) $\frac{4}{9} > \frac{2}{9}$ (b) $\frac{7}{10} > \frac{3}{10}$ (c) $\frac{3}{8} < \frac{5}{8}$

(d) $\frac{12}{13} > \frac{7}{13}$ (e) $\frac{8}{16} < \frac{10}{16}$ (f) $\frac{6}{7} > \frac{3}{7}$

2. Write the fractions in ascending order :

(a) $\frac{1}{9} < \frac{2}{9} < \frac{3}{9} < \frac{4}{9} < \frac{7}{9}$ (b) $\frac{1}{7} < \frac{2}{7} < \frac{3}{7} < \frac{5}{7} < \frac{6}{7}$

(c) $\frac{1}{8} < \frac{2}{8} < \frac{4}{8} < \frac{5}{8} < \frac{7}{8}$ (d) $\frac{3}{14} < \frac{4}{14} < \frac{8}{14} < \frac{9}{14} < \frac{11}{14}$

3. Write the fractions in descending order :

(a) $\frac{12}{15} > \frac{9}{15} > \frac{7}{15} > \frac{4}{15}$ (b) $\frac{4}{5} > \frac{3}{5} > \frac{2}{5} > \frac{1}{5}$

(c) $\frac{10}{11} > \frac{8}{11} > \frac{5}{11} > \frac{3}{11}$ (d) $\frac{13}{14} > \frac{10}{14} > \frac{8}{14} > \frac{7}{14}$

Exercise 7.5

1. Write > or < :

(a) $\frac{4}{5} \boxed{>} \frac{4}{8}$ $\frac{4\times8}{5\times8} = \frac{32}{40}$

$\frac{4\times5}{8\times5} = \frac{20}{40}$ $\frac{32}{40} > \frac{20}{40}$

$\therefore \frac{4}{5} > \frac{4}{8}$

(b) $\frac{2}{7} \boxed{>} \frac{2}{9}$

$\frac{2\times9}{7\times9} = \frac{18}{63}$ $\frac{2\times7}{9\times7} = \frac{14}{63}$

$\therefore \frac{2}{7} > \frac{2}{9}$

(c) $\frac{1}{8} \boxed{<} \frac{1}{6}$

$\frac{1\times6}{8\times6} = \frac{6}{48} < \frac{1\times8}{6\times8} = \frac{8}{48}$

$\therefore \frac{1}{8} < \frac{1}{6}$

(d) $\frac{1}{6} \boxed{<} \frac{1}{4}$

$\frac{1\times2}{6\times2} = \frac{2}{12} < \frac{1\times3}{4\times3} = \frac{3}{12}$

$\therefore \frac{1}{6} < \frac{1}{4}$

(e) $\frac{3}{7} \boxed{<} \frac{3}{6}$

$\frac{3\times6}{7\times6} = \frac{18}{42} < \frac{3\times7}{6\times7} = \frac{21}{42}$

$\therefore \frac{3}{7} < \frac{3}{6}$

(f) $\frac{1}{10} \boxed{<} \frac{1}{8}$

$\frac{1\times8}{10\times8} = \frac{8}{80} < \frac{1\times10}{8\times10} = \frac{10}{80}$

$\because \frac{8}{80} < \frac{10}{80}$ $\therefore \frac{1}{10} < \frac{1}{8}$

2. Arrange in ascending order :

(a) $\frac{3}{10} < \frac{3}{8} < \frac{3}{7} < \frac{3}{4}$ (b) $\frac{1}{9} < \frac{1}{6} < \frac{1}{5} < \frac{1}{3}$

(c) $\frac{2}{11} < \frac{2}{9} < \frac{2}{5} < \frac{2}{4}$ (d) $\frac{5}{11} < \frac{5}{9} < \frac{5}{8} < \frac{5}{6}$

Exercise 7.6

1. Add the fractions :

(a) $\frac{3}{10} + \frac{3}{10} = \frac{6}{10}$ (b) $\frac{4}{9} + \frac{2}{9} + \frac{3}{9} = \frac{4+2+3}{9} = \frac{9}{9} = 1$

(c) $\frac{3}{6} + \frac{4}{6} = \frac{7}{6}$ (d) $\frac{3}{8} + \frac{6}{8} = \frac{3+6}{8} = \frac{9}{8}$

2. Subtract the fractions :

(a) $\frac{4}{6}-\frac{2}{6}=\frac{4-2}{6}=\frac{2}{6}$ (b) $\frac{6}{7}-\frac{3}{7}=\frac{6-3}{7}=\frac{3}{7}$

(c) $\frac{7}{10}-\frac{5}{10}=\frac{7-5}{10}=\frac{2}{10}$ (d) $\frac{5}{3}-\frac{3}{3}=\frac{5-3}{3}=\frac{2}{3}$

3. Solve the sums :

(a) $\frac{4}{8}+\frac{3}{8}-\frac{5}{8}=\frac{4+3-5}{8}=\frac{7-5}{8}=\frac{2}{8}=\frac{1}{4}$

(b) $\frac{8}{7}+\frac{2}{7}-\frac{3}{7}=\frac{8+2-3}{7}=\frac{10-3}{7}=\frac{7}{7}=1$

(c) $\frac{7}{10}+\frac{3}{10}-\frac{5}{10}=\frac{10-5}{10}=\frac{5}{10}=\frac{1}{2}$

(d) $\frac{5}{6}+\frac{3}{6}-\frac{2}{6}=\frac{5+3-2}{6}=\frac{8-2}{6}=\frac{6}{6}=1$

Exercise 7.7

1. Write four equivalent fractions for each by multiplying the numerators and denominators :

(a) $\frac{1}{2}=\frac{1\times2}{2\times2}=\frac{2}{4}$ $\frac{1\times3}{2\times3}=\frac{3}{6}$ $\frac{1\times4}{2\times4}=\frac{4}{8}$ $\frac{1\times5}{2\times5}=\frac{5}{10}$

(b) $\frac{1}{3}=\frac{1\times2}{3\times2}=\frac{2}{6}$ $\frac{1\times3}{3\times3}=\frac{3}{9}$ $\frac{1\times4}{3\times4}=\frac{4}{12}$ $\frac{1\times5}{3\times5}=\frac{5}{15}$

(c) $\frac{1}{4}=\frac{1\times2}{4\times2}=\frac{2}{8}$ $\frac{1\times3}{4\times3}=\frac{3}{12}$ $\frac{1\times4}{4\times4}=\frac{4}{16}$ $\frac{1\times5}{4\times5}=\frac{5}{20}$

2. Write three equivalent fractions for each by dividing the numerators and denominators :

(a) $\frac{\cancel{15}^{1}}{\cancel{45}_{3}}=\frac{1\times2}{3\times2}=\frac{2}{6}$ $\frac{1\times3}{3\times3}=\frac{3}{9}$ $\frac{1\times4}{3\times4}=\frac{4}{12}$

(b) $\frac{\cancel{30}^{1}}{\cancel{90}_{3}}=\frac{1\times2}{3\times2}=\frac{2}{6}$ $\frac{1\times3}{3\times3}=\frac{3}{9}$ $\frac{1\times4}{3\times4}=\frac{4}{12}$

(c) $\frac{\cancel{12}^{1}}{\cancel{24}_{2}}=\frac{1\times2}{2\times2}=\frac{2}{4}$ $\frac{1\times3}{2\times3}=\frac{3}{6}$ $\frac{1\times4}{2\times4}=\frac{4}{8}$

3. Write equivalent fractions for the following :

(a) $\frac{1}{2}=\frac{1\times5}{2\times5}=\frac{5}{10}$ (b) $\frac{1}{3}=\frac{1\times4}{3\times4}=\frac{4}{12}$ (c) $\frac{3}{4}=\frac{3\times5}{4\times5}=\frac{15}{20}$

Exercise 7.8

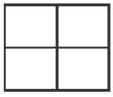
Tick (✓) the correct answer:

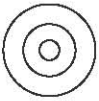
1. (c)  **2.** (b) $\frac{3}{5}$ **3.** (c) $\frac{1}{4}$ **4.** (d) $\frac{5}{7}$ **5.** (a) $\frac{4}{9}$

Chapter-8 (Lines and Shapes)

Exercise 8.1

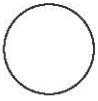
1. Write the number :

(a)  Rectangle = 9

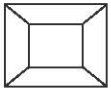
(b)  Circle = 3

(c)  Triangle = 5

2. Match the solid shape to its name :

(a)  circle

(b)  cone

(c)  cube

(d)  cylinder

3. Look at the picture and answer the following :

(a) Standing lines 8

(b) Slanting lines 11

(c) Horizontal lines 7

4. Write the names of the shape while you will get after tracing the outlines of :

(a) A postcard — rectangle
(b) A ruler — rectangle
(c) A coin — circle
(d) A match box — rectangle
(e) A cup — rectangle
(f) A bottle cap — circle

Exercise 8.2

1. Fill ups :

(a) A point has no length, breadth or height.

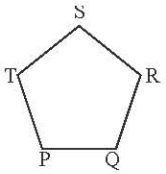
(b) A square has equal line segments.

(c) A circle has no side and no corners.

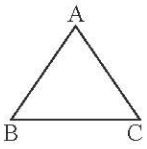
(d) A line segment has 2 end points.

(e) A line is made up of Infinite points.

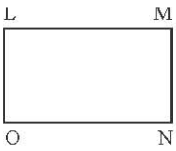
2. Name the line segments in each shape :

(a) 

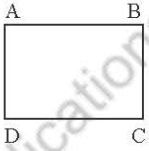
PQ, QR, RS, ST, TP

(b) 

AB, BC, CA

(c) 

LM, MN, NO, LO

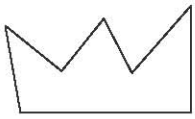
(d) 

AB, BC, CD, DA

3. Name how many corners and sides are there in the following pictures :

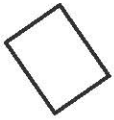
(a) Corners = 2
Sides = 0

(b) Corners = 7
Sides = 7



(c) Corners = 7
Sides = 7

(d) Corners = 4
Sides = 4



4. Find the perimeter of the following :

(a) Triangle
8cm, 6cm, 8cm
Perimeter = 8+6+8 = 22 cm

(b) Rectangle
7cm, 5cm, 7cm, 5 cm
Perimeter = 7+5+7+5 = 24 cm

(c) Square
6cm, 6cm, 6cm, 6cm
Perimeter = 6+6+6+6 = 24 cm

5. Write true or false :

(a) False, An oval has no side

(b) False

(c) True

(d) False, only one line can be drawn with 2 points

Exercise 8.3

1. Fill in the blanks :

(a) No, No (b) 1 (c) 3 (d) 1, 1

(e) sphere (f) 1, 2, 2 (g) 6, 12 (h) cylinder

(i) curved (j) flat faces

Exercise 8.4

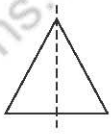
1. Is the dotted line is a line symmetry? Write Y for Yes and N for No.

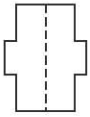
(a) No (b) Yes (c) Yes (d) No

2. Draw the line to divide the shapes into halves :

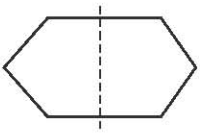
(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

3. Write if the following are symmetrical?

(a) Yes (b) Yes (c) No (d) No

(e) No (f) Yes

Exercise 8.5

Tick (✓) the correct answer:

1. (c) 

2. (a) 

3. (a) 

4. (b) no

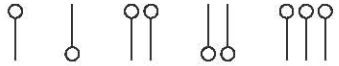
5. (c) opposite

Chapter-9 (Patterns)

Exercise 9.1

1. Look for the pattern and draw lines and shapes that comes next :

(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

2. Look for the pattern and write what comes next :

(a) 2 4 6 8 10 12 14

(b) 5 10 15 20 25 30 35

(c) 52 54 56 58 60 62 64

(d) 76 66 56 46 36 26 16

(e) 1 3 6 10 15 21 28

(f) 10 100 1000 10000 100000 1000000 10000000

(g) 27 25 23 21 19 17 15

(h) 1 2 5 10 17 26 37

3. Discover the pattern and write the next members of the pattern :

(a) A C E G I K

(b) A I Q Y G

(c) Z Y X W V U T

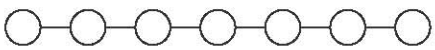
(d) ABBC CDD EEFGGH

(e) Z A Y B X C W

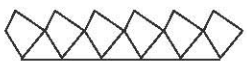
(f) A D G J
B E H K
C F I L
M P S
N Q T
O R U

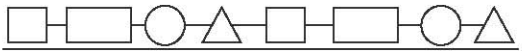
(g) A A B Ƃ C Ɔ D

4. Look for the pattern and draw lines and shapes that come next :

(a) 

(b) 

(c) 

(d) 

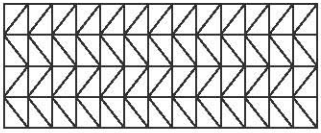
(e) 

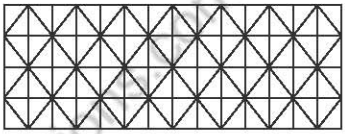
(f) A—B—C—D—E—F—G

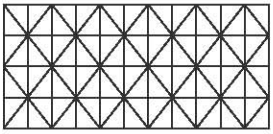
(g) 

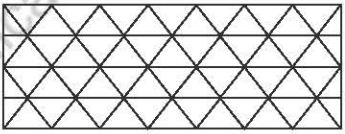
(h) 

5. Complete the tiling pattern and colour :

(a) 

(b) 

(c) 

(d) 

Exercise 9.2

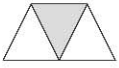
Tick (✓) the correct answer:

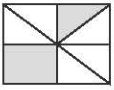
Which come next in the pattern ?

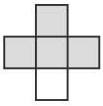
1. (c)  **2.** (a)  **3.** (d)  **4.** (d)  5 (a) 

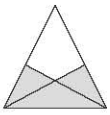
Test Paper-III

1. What fraction is shaded :

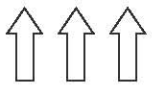
(a)  $= \frac{1}{3}$

(b)  $= \frac{3}{8}$

(c)  $= \frac{4}{5}$

(d)  $= \frac{3}{4}$

2. Look for the pattern and complete:

(a)  (b)  (c) 

3. Fill in the blanks :

(a) 4 (b) 6 (c) No, No

(d) Two (e) One

4. Tick (✓) the correct answer:

(a) (i) $\frac{2}{3}$ (b) (ii) $\frac{4}{9}$ (c) (i) no

Chapter-10 (Measurement)

Exercise 10.1

1. Write whether the length of the following things are measured in m or cm.

(a) length of notebook can be measured in cm

(b) length of dinning table can be measured in cm

(c) length of pen can be measured in cm

(d) height of building can be measured in m

2. Write whether the weight of the following things are measured in g or kg :

(a) An apple gm

(b) Papaya kg

(c) A gas cylinde kg

(d) pencil gm

3. Write whether the capacity of the following things are measured in l or ml :

(a) Water in bottle *l*

(b) Medicine in doctor syringe ml

(c) Oil in a can l

(d) Soup in bowl ml

4.

$$\begin{array}{r} 95\ \text{cm} \\ +\,32\ \text{cm} \\ \hline 127\ \text{cm} \end{array}$$

or = 1 m 27 cm.

5. Weight of Rohan = 24 kg 250 g

Weight of brother = 19 kg 500 g

Rohan weight is more by 4 kg 750 g

$$\begin{array}{r} 24\ \text{kg}\ 250\ \text{g} \\ -\,19\ \text{kg}\ 500\ \text{g} \\ \hline 4\ \text{kg}\ 750\ \text{g} \end{array}$$

6. Sugar in one container = 25 kg 150 g

Sugar in another container = 12 kg 250 gm

$$\begin{array}{r} 25\ \text{kg}\ 150\ \text{g} \\ +12\ \text{kg}\ 250\ \text{g} \\ \hline 37\ \text{kg}\ 400\ \text{g} \end{array}$$

Exercise 10.2

1. Find the estimate length of the following lines :
   (a) 6 cm (b) 8 cm (c) 5 cm (d) 9 cm (e) 4 cm

2. Convert to cm :
1 m = 100 cm
(a) 2 m 150 cm
= 2×100cm + 150cm = 200 cm + 150cm = 350 cm
(b) 1 m 3 cm
= 1 × 100cm + 3cm = 100cm + 3cm = 103cm
(c) 8 m 80 cm
= 8 ×100 + 80cm = 800cm + 80cm = 880cm
(d) 4 m 5 cm
= 4×100 cm + 5 cm = 400cm + 5cm = 405 cm

3. Convert to m and cm :
(a) 252 cm
2 m 52 cm
(b) 105 cm
= 100cm + 5cm
= 1m + 5cm = 1 m 5 cm
(c) 920 cm
= 900 cm + 20 cm = 9×100cm + 20cm = 9m + 20cm = 9 m 20 cm.
(d) 2502 cm = 25m 2 cm

4. Convert to m :
(a) 8 km
= 8×1000 m = 8000 m
(b) 5 km 2 m
= 5×1000m + 2m =5000 + 2 = 5002 m
(c) 2 km 50m
= 2×1000m + 50m = 2050 m
(d) 3 km 100 m
= 3×1000m + 100m
= (3000 + 100)m = 3100 m

5. Convert to km, m :
(a) 2500 m
= 2000 m 500m
= 2×1000m 500 m
= 2 km 500m
(b) 3020 m
= 3×1000 m + 20m
= 3 km + 20m
= 3 km 20m
(c) 5000m
= 5×1000m
= 5km
(d) 2008 m
= 2×1000 m + 8m
= 2 km 8m

Exercise 10.3

1. Add :

(a) 327 cm + 258 cm = 585 cm

(b) 718 cm + 236 cm = 954 cm

(c) 2145 m + 1032 m = 3177 m

(d) 26 m 26 cm + 12 m 12 cm = 38 m 38 cm

(e) 16 m 35 cm + 47 m 50 cm = 63 m 85 cm

(f) 56 m 35 cm + 12 m 13 cm = 68 m 48 cm

(g) 9 km 50 m + 1 km 180 m = 10 km 230 m

(h) 2 km 145 m + 1 km 032 m = 3 km 177 m

(i) 3 km 100 m + 2 km 600 m = 5 km 700 m

2. Subtract :

(a) 167 cm − 72 cm = 95 cm

(b) 5548 m − 2104 m = 3444 m

(c) 437 m − 118 m = 319 m

(d) 43 m 75 cm − 18 m 87 cm = 24 m 88 cm

(e) 46 m 46 cm − 25 m 29 cm = 21 m 17 cm

(f) 85 m 45 cm − 41 m 86 cm = 43 m 59 cm

(g) 5 m 548 cm − 2 m 104 cm = 3 m 444 cm

(h) 3 m 124 cm − 101 cm = 3 m 23 cm

(i) 7 m 870 cm − 2 m 500 cm = 5 m 370 cm

3. Curtain material for the windows = 3 m 50cm
Curtain material the for door = 6m 25cm
Curtain she need altogether = 9m 75cm

3 m 50 cm + 6 m 25 cm = 9 m 75 cm

4. Mohan runs in relay race = 2km 506 m
Anita runs in relay race = 5 km 438 m
Total distance covered by both = 7km 944 m

2 km 506 m + 5 km 438 m = 7 km 944 m

5. Piece of cloth bought by Ronit = 120 m 25cm
Piece of cloth bought by Tony = 52 m 69 cm
Cloth bought altogether = 172 m 94 cm

120 m 25 cm + 52 m 69 cm = 172 m 94 cm

6. Mohit travel by bus = 4 km 685 m
Mohit travel by train = 2 km 506 m
Total distance traveled = 7 km 191 m

4 km 685 m + 2 km 506 m = 7 km 191 m

7. Height of Mona's house = 8 m 79 cm
Height of Sonia's house = 6 m 59 cm
Mona's house is taller than Sonia house by 2 m 20 cm

8 m 79 cm − 6 m 59 cm = 2 m 20 cm

8. Ronit travelled to school = 32 km 50 m
Travel by walk = 3 km 25 m
Travel by bus = 29 km 25 m

$$\begin{array}{r} 32\text{ km } 50\text{ m} \\ -\ 3\text{ km } 25\text{ m} \\ \hline 29\text{ km } 25\text{ m} \end{array}$$

Exercise 10.4

1. Multiply :

(a) $\begin{array}{r} 2343\text{ m} \\ \times 2\text{ m} \\ \hline 4686\text{ m} \end{array}$ (b) $\begin{array}{r} 2460\text{ m} \\ \times 3\text{ m} \\ \hline 7380\text{ m} \end{array}$ (c) $\begin{array}{r} 1550\text{ m} \\ \times 4\text{ m} \\ \hline 6200\text{ m} \end{array}$

(d) $\begin{array}{r} 15\text{ m } 50\text{ cm} \\ \times\ 4\text{ cm} \\ \hline 62\text{ m } 00\text{ cm} \end{array}$ (e) $\begin{array}{r} 2\text{ km } 186\text{ m} \\ \times\ 4\text{ m} \\ \hline 8\text{ km } 744\text{ m} \end{array}$ (f) $\begin{array}{r} 15\text{ m } 3\text{ cm} \\ \times\ 6\text{ cm} \\ \hline 90\text{ m } 18\text{ cm} \end{array}$

(g) $\begin{array}{r} 2\text{ km } 120\text{ m} \\ \times\ 3\text{ m} \\ \hline 6\text{ km } 360\text{ m} \end{array}$ (h) $\begin{array}{r} 11\text{ km } 115\text{ m} \\ \times\ 7\text{ m} \\ \hline 77\text{ km } 805\text{ m} \end{array}$ (i) $\begin{array}{r} 2\text{ km } 343\text{ m} \\ \times\ 2\text{ m} \\ \hline 4\text{ km } 686\text{ m} \end{array}$

2. Divide :

(a) $9363 \div 3$ = 31m 21cm
9363 − 9 = 3; 3 − 3 = 06; 6 − 6 = 03; 3 − 3 = 0

(b) $5365 \div 5$ = 1m 73cm
5 − 5; 35 − 35; 15 − 15 = 0

(c) $72\ 36 \div 9$ = 8m 4cm
72 − 72 = 0; 36 − 36 = 0

(d) $8800 \div 4$ = 2km 200m
8 − 8 = 08; 8 − 8 = 0

(e) $2280 \div 2$ = 1km 140m
22 − 22 = 08; 8 − 8 = 0

(f) $15864 \div 3$ = 5km 288m
156 − 156 = 026; 26 − 24 = 24; 24 − 24 = 0

3. Hopping by frog in one hour = 368 m
Hopping by frog in 5 hours = 5×368

$$\begin{array}{r} 368\text{ m} \\ \times\ 5\text{ m} \\ \hline 1840\text{ m} \end{array}$$

4. Length of 1 rope = 36 m 24 cm
Length of 3 such ropes = 108 m 72 cm

$$\begin{array}{r} 36\text{ m } 24\text{ cm} \\ \times\ 3\text{ cm} \\ \hline 108\text{ m } 72\text{ cm} \end{array}$$

5. Walk by Prachi in 1 hr = 5 km 638 m
Walk by Prachi in 3 hr = 16 km 914 m

	5 km	6 3 8 m
×		3 m
	16 km	9 1 4 m

6. Length of 5 pieces of rod = 475 cm
Length of 1 piece of rod = 475÷5

$$5\overline{)475\text{ cm}}\ (95$$
45↓
25
25
0

7. Height of building = 25 m 80 cm
Length of each 5 pipes = 5 m16 cm

$$5\overline{)2580}\ (5\text{m }16\text{ cm}$$
25 5↓
030
−30
0

8. Length of rope = 40 m 80 cm
Total part = 4
Lenght of one piece = 10 m 20 cm

$$4\overline{)4080}\ (10\text{m }20\text{cm}$$
40 80
0 0

Exercise 10.5

1. Add :

(a)

kg	g
5	74
+3	36
8 kg	110 g

(b)

kg	g
4	945
+1	297
6 kg	242 g

(c)

kg	g
15	810
+25	23
40 kg	833 g

(d)

kg	g
5	774
+3	36
8 kg	810 g

(e)

kg	g
3	650
+1	350
5 kg	000 g

(f)

kg	g
6	508
+2	689
9 kg	197 g

2. Subtract :

(a)

kg	g
4	650
−1	320
3 kg	330 g

(b)

kg	g
8	945
−3	450
5 kg	495 g

(c)

kg	g
	⑥⑯⑩
12	~~7~~ ~~7~~ ~~0~~
−6	85
6 kg	685 g

(d)

kg	g
	⑤④⑩
17	~~6~~ ~~8~~ ~~0~~
−12	295
5 kg	355 g

(e)

kg	g
11	900
−8	600
3 kg	300 g

(f)

kg	g
	③⑮
8	9 ~~4~~ ~~5~~
−1	329
7 kg	616 g

3. Potatoes bought = 2 kg 500 g
Onions bought = 3 kg 250 g
Total vegetables bought

kg	g
3	500
+2	250
5 kg	750 g

4. Fruits carried = 3 kg 240 g
Vegetables carried = 1 kg 250 g
Total weight corried = 4 kg 490 g

kg	g
3	240
+1	250
4 kg	490 g

5. Sugar bought = 8 kg 500g
Sugar used = 5 kg 328g
Sugar left = 3 kg 172 g

kg	g
	(4)(9)(10)
8	8 Ø Ø
−5	3 2 8
3 kg	1 7 2 g

6. Total wheat = 46 kg 720g
Wheat sold = 28 kg 265g
Wheat left = 18 kg 455 g

kg	g
(3)(16)	(6)(11)(10)
4 Ø	7 2 Ø
−28	2 6 5
18 kg	4 5 5 g

Exercise 10.6

1. Multiply :

(a)

kg	g
3	220
×	2
6 kg	440 g

(b)

kg	g
3	240
×	2
6 kg	480 g

(c)

kg	g
(1)	(1)
2	4 5 2
×	3
7 kg	356 g

2. Divide :

(a)

5	850 g	170 g
	5 ↓ ↓	
	35	
	35	
	0	

(b)

5	7147	1kg 21g
	7 ↓ ↓	
	014	
	14	
	07	
	7	
	0	

(c)

2	4120	2kg 60g
	4 ↓ ↓	
	012	
	12	
	0	

3. Mass of 1 bag = 1 kg 250g
Mass of 6 bags = 1 kg 250g

1	(3) 250
×	6
7 kg	500 g

4. Mass of 1 notebook = 400 g
Mass of 7 notebooks = 400g×7

g
400
× 7
2800 g

5. Mass of 8 cars = 8056 kg
Mass of 1 car = 8056 ÷ 8

```
8)8 0 5 6 (1007g
  8 ↓ ↓ ↓
  -------
  0 0 5 6
      5 6
      ---
        0
```

6. Mass of 6 bricks = 8 kg 160g
Mass of 1 brick = 8 kg 160÷6
= 1 kg 360 g

```
8)8 1 6 0 (1kg 360g
  6 ↓
  ---
  2 1
  1 8 ↓
  -----
    3 6
    3 6
    ---
     ×
```

Exercise 10.7

1. Add :

(a)

l	ml
10	5 4 3
+7	1 8 9
17 l	7 3 2 ml

(b)

l	ml
12	3 2 5
+15	5 8 9
27 l	9 1 4 ml

(c)

l	ml
3	1 5 0
+2	3 5 0
5 l	5 0 0 ml

2. Subtract :

(a)

l	ml
5	637
–	105
5 l	532 ml

(b)

l	ml
29	805
–9	523
20 l	282 ml

(c)

l	ml
15	9 0 6
–11	7 5 4
4 l	1 5 2 ml

3. Bottle filled from a tap = 2 l 476ml
Bottle more filled from a tap = 2 l 639ml
Water there in the bottle =

l	ml
2	4 7 6
+2	6 3 9
5 l	1 1 5 ml

4. Milk poured into a pan = 1 l 350ml
More poured into a pan = 1 l 650ml
Milk there in the pan = 3 l

l	ml
1	3 5 0
+1	6 5 0
3 l	0 0 0 ml

5. Cold drink bought by Sohan = 300ml
Cold drink remain in the bottle = 135ml
Cold drink that Sohan has finished.

ml
300
–135
165 ml

6. Milk that Rakesh drank at one go = 1l 150ml
Milk that Anita Rakesh drank at one go = 640ml
Rakesh drink more by = 1l 150ml-640ml

l	ml
1	1 5 0
–	6 4 0
	5 1 0 ml

Exercise 10.8

1. Multiply :

(a)

	l	ml
	2	300
×		3
	6 l	900 ml

(b)

	l	ml
	2	104
×		2
	4 l	208 ml

(c)

	l	ml
	2	863
×		2
	4 l	1726 ml

2. Divide :

(a) 726ml

```
6)4356 ml(
  42↓
   15
   12↓
    36
    36
     0
```

(b) 516ml

```
8)4128 ml(
  40↓
   12
    8↓
   48
   48
    0
```

(c) 1108ml

```
5)5540 ml(
  5↓
  05
   5↓↓
   40
   40
    0
```

3. Jugs of juice = 6

Capacity of each jug = 3l 250 ml

Juice in the jug =

	l	ml
	3	250
×		6
	19 l	500 ml

4. Milk drink by Priya every day = 250 ml

Milk drink by Priya 6 days = 250 ml × 6

ml
250
×6
1500 ml

5. Water in the flower pot accumulates in five day = 2750ml

Water in the flower pot accumulates in 1 day = 2750 ÷ 5

550ml

```
5)2750 ml(
  25↓
   25
   25↓
    0
```

6. Glasses of juice = 8

Capacity of glass = 1l 800 ml

Juice in 1 glass = 1l 800 ml ÷ 8

```
8)1800(225ml
  16↓
   20
   16↓
    40
    40
     ×
```

Exercise 10.9

Tick (✓) the correct answer :

1. (b) 4×100cm + 32cm

400 + 32cm

432cm

2. (a) $1 \times 1000g + 32g$
$1000g + 32g$
$1032g$

3. (c) $2 \times 1000ml + 540ml$
$2540ml$

4. (d) Weight of 8 dictionaries = 2488g
Weight of 1 dictionary = $2488 \div 8$
= 311 g

$$8\overline{)2488g}\ (311g$$
$24\downarrow$
08
8
08
8
$\times$

5. (a) Distance travelled in 5 days = 150 km
Distance travelled in 1 day = $150 \div 5$
= 30 km

$$5\overline{)150\text{ km}}\ (30\text{km}$$
$15\downarrow$
00

Chapter-11 (Money)

Exercise 11.1

1. Can you name these coins and notes :
(a) ₹1 (b) ₹2 (c) ₹5 (d) ₹10

2. Write these in words :
(a) Seven rupees fifty paise
(b) Ten rupees fifteen paise
(c) Fifteen rupees sixty - five paise
(d) Eighty five rupees twenty paise

3. Fill in the blanks :
(a) 2 50 p coin make 1 rupee
(b) 4 25 p coin make 1 rupee
(c) 1 50 p coin and 2 25 p coins make 1 rupee.

4. Write these in figures :
(a) ₹347.80 (b) ₹18.90 (c) ₹758.20 (d) ₹78.44

5. Add the following:

(a)
₹	p
17	35
+20	50
37	85

(b)
₹	p
① ①	①
78	85
+9	45
88	30

(c)
₹	p
62	55
+7	30
69	85

(d)
₹	p
83	00
+21	15
104	15

Exercise 11.2

1. Write the following amount of money in figures :
(a) 12 rupees = ₹ 12
(b) 65 rupees = ₹ 65
(c) 55 rupees and 80 paise = ₹ 55.80
(d) 63 rupees and 18 paise = ₹ 63.18
(e) 56 paise = ₹ 0.56
(f) 90 paise = ₹ 0.90

2. Write following amount of money in words :
   (a) 28.55 = 28 rupees and 55 paise
   (b) 21.75 = 21 rupees and 75 paise
   (c) 0.45 = 45 paise
   (d) 12.70 = 12 rupees and 70 paise
   (e) 120.10 = 120 rupees and 10 paise
   (f) 125.00 = 125 rupees

3. Change to paise :

(a) 8
800×100p
= 800p

(b) 66
66×100p
= 6600 p

(c) 87.45
= 87 + 45p
= 8700p + 45p
=8745p

(d) 16.76
= 16 + 75p
= 1600p + 75p
=1675p

4. Change to rupees :

(a) 265 p
= 265÷100
= 2.65

(b) 50 p
= 50÷100
= 0.50

(c) 27000p
= 270÷100 = 27

(d) 3225p
= 3225×100 = 32.25

Exercise 11.3

1. Add the following sums:

(a)

₹	p
108	15
75	07
+ 47	93
231	15

(b)

₹	p
1	85
206	33
+ 39	54
247	72

(c)

₹	p
126	50
15	40
+15	60
157	50

(d)

₹	p
450	50
217	35
+308	00
975	85

2. Subtract the following sums:

(a)

₹	p
6389	20
–1276	10
51 13	10

(b)

₹	p
3568	55
–21 15	55
1453	00

(c)

₹	p
7843	00
–3452	00
4391	00

(d)

₹	p
2	
– 108	65
137	85

3. Add :

(a)

₹	p
1238	40
+ 5379	60
6618	00

(b)

₹	p
96	35
+37	85
134	20

(c)

₹	p
27	25
15	30
+196	00
238	55

4. Subtract :

(a)
$$\begin{array}{r} ₹\quad p \\ 679.00 \\ -\,128.65 \\ \hline 550.35 \end{array}$$

(b)
$$\begin{array}{r} ₹\quad p \\ 2216.55 \\ -\,1038.95 \\ \hline 1177.60 \end{array}$$

(c)
$$\begin{array}{r} ₹\quad p \\ 5000.00 \\ -\,354.50 \\ \hline 4645.50 \end{array}$$

Exercise 11.4

1. Multiply :

(a) $8 \times 9 = 72$

(b) $200 \times 5 = 1000$

(c) $50 \times 6 = 300$

(d) $300 \times 7 = 2100$

(e) $12 \times 9 = 108$

(f) $16 \times 6 = 96$

2. Multiply the following :

(a)
$$\begin{array}{r} ₹\,23.50 \\ \times\,2 \\ \hline ₹\,47.00 \end{array}$$

(b)
$$\begin{array}{r} ₹\,59.32 \\ \times\,6 \\ \hline ₹\,355.92 \end{array}$$

(c)
$$\begin{array}{r} ₹\,72.50 \\ \times\,8 \\ \hline ₹\,580.00 \end{array}$$

(d)
$$\begin{array}{r} ₹\,15.25 \\ \times\,4 \\ \hline ₹\,61.00 \end{array}$$

(e)
$$\begin{array}{r} ₹\,12.30 \\ \times\,4 \\ \hline ₹\,49.20 \end{array}$$

(f)
$$\begin{array}{r} ₹\,562.65 \\ \times\,7 \\ \hline ₹\,3938.55 \end{array}$$

3. Divide :

(a) 2) 8 (4
8
0
₹ 4

(b) 3) 66 (22
6↓
06
6
0
₹ 22

(c) 4) 32 (8
32
0
₹ 8

(d) 6) 36 (6
36
0
₹ 6

(e) 7) 77 (11
77
0
₹ 11

(e) 9) 900 (100
900
0
₹ 100

4. Divide the following :

(a) 7) 56·70 (8·10
56↓
7
7
0
₹ 8·10

(b) 5) 70·50 (14·10
5↓
20
20↓
5
5
0
₹ 14·10

(c) 4) 652·80 (163·20
4↓
25
24↓
12
12↓
08
8
0
₹ 163·20

(d) $5\overline{)60.75}\,(12.15$

5 ↓ | 10 | 10 ↓ | 7 | 5 ↓ | 25 | 25 | 0

₹ 12·15

(e) $2\overline{)434.68}\,(217.34$

4 ↓ | 03 | 2 ↓ | 14 | 14 ↓ | 06 | 6 | 08 | 8 | ×

₹ 217·34

(f) $8\overline{)72.40}\,(9.05$

72 ↓ ↓ | 040 | 40 | ×

₹ 9·05

Exercise 11.5

1. Ticket bought by Charu = ₹21.75
Money spend on potato chips and ice-cream = 34.50
Money she spend in all = 56.25

₹
21·75
+34·50
₹56·25

2. Money with Mayank = ₹45.75
Vanilla ice-cream = 3 cups
Each cups cost = 45.75 ÷ 3
= ₹15.25

$3\overline{)45.75}\,(15.25$

−3 ↓ | 15 | 15 ↓ | 07 | 6 ↓ | 15 | 15 | ×

3. Ink bottle bought by Mr. Pankaj = 35.00
Ring till bought by Mr. Pankaj = 40
Total money = 100
Pankaj get back = ₹100 – (35 + 40)
= ₹(100 – 75)
= ₹25

4. Cost of five ice-cream cones = ₹135
Cost of ice - cream = ₹135 ÷ 5
= ₹27

27

$5\overline{)135}\,($

10 ↓ | 35 | 35 | ×

5. Cost of bus ride = ₹3.25
Total friends = 5
Cost of five tickets = ₹3.25 × 5
= ₹16.25

₹23·25
× 5
₹16·25

6. Money with Mr.Sharma = ₹250
He spend on milk = ₹45

Money spent on sweets = ₹125
Money spent on apples = ₹75
Money left with him = ₹250-(45 + 125 + 75)
= ₹250 – 245 = 5

7. Cost of 1pencil box = ₹75.50
Cost of 6 pencil boxes = ₹75.50×6

	₹ 7 5 · 5 0	
	× 6	
₹ 4 5 3 · 0 0		

Exercise 11.6

Tick (✔)the correct answer :

1. (b) 100p **2.** (b) 0.75 rupees
3. (a) 8745p **4.** (a) 6971.25
5. Cost of 1 pencil box = 45.50
Cost of 12 pencil boxes = 45.50×12

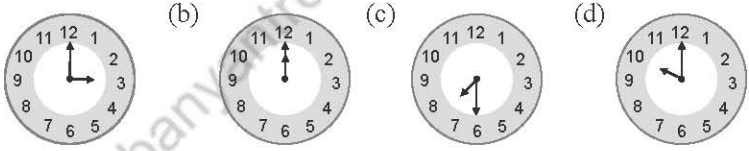
₹ 45 · 50	
×12	
₹ 546 · 00	

Chapter-12 (Time)

Exercise 12.1

1. Write the time as shown on the clock :
(a) 5 o'clock (b) 2 o'clock
(c) 6 o'clock (d) 10:30

2. Draw both the hands of the clock for the given time :
(a) (b) (c) (d)



3. Name the 4 months that have 31 days :
January, March, May, July

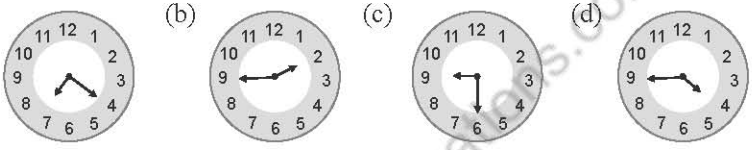
4. Write the given times in hours and minutes :
(a) Half past four 4.30
(b) Quarter past three 3.15
(c) Quarter to 12 11.45
(d) Half past 8 8.30

5. Write the day of the week :
(a) Second Tuesday
(b) Seven Sunday
(c) Third Wednesday
(d) First Monday

6. Fill in the blanks :
   (a) There are 12 months in a year.
   (b) A leap year has 366 days.
   (c) If today is Sunday, what day will be tomorrow? Monday.

Exercise 12.2

1. Write the time as shown in the boxes :
   (a) 4:00 (b) 3:00 (c) 3:10
   (d) 7:15 (e) 4:10 (f) 10:25
   (g) 6:45 (h) 3:35 (i) 9:10
   (j) 3:40 (k) 2:55 (l) 4:50
2. Write the time as shown :
   (a) 10:10 (b) 11:45 (c) 7:25 (d) 3:15
3. Draw the hands to show the time :
   (a) (b) (c) (d)



4. How much time has passed :
   (a) 30 minutes (b) 15 minutes (c) 35 minutes (d) 55 minutes
5. Write the time in words :
   (a) 3:45 = Quarter to four.
   (b) 8:25 = Twenty five minutes past eight.
   (c) 7:20 = Twenty minutes past seven.
   (d) 4:40 = Forty minutes past four.
   (e) 11:10 = Ten minutes past eleven.
   (f) 10:35 = Thirty five minutes past ten.
6. Write the time in number :
   (a) 9:15 (b) 4:30 (c) 6:10
   (d) 11:25 (e) 8:05 (f) 4:40

Exercise 12.3

1. Write the time by using A.M or P.M:
   (a) 10 o'clock before noon = 10 A.M.
   (b) 12:30 after noon = 12:30 A.M.
   (c) 6 o'clock in the evening = 6 P.M.
   (d) 11 o'clock in the night = 11:00 P.M.
2. Count the number of hours between :
   (a) 6 hours (b) 8 hours (c) 4 hours
   (d) 6 hours (e) 6 hours

Exercise 12.4

1. Fill in :

(a) 4 hours = 240 min.

(b) 4 months = 120 days.

(c) 7 minutes = 420 sec.

(d) 1 week = 168 hrs.

(d) 3 weeks = 21 days.

2. Change in minutes:

(a) 1 hr = 60min
6 hr = 6×60 = 360 min.

(b) 1 hr = 60 min
4 hr = 4×60 = 240 min.

(c) 1 hr = 60 min
9 hr = 9×60 = 540 min.

(d) 1 hr = 60 min
15 hr = 15×60 = 900 min.

3. Change in hours:

(a) 1 day = 24 hr
4 days = 4×24 hr
= 96 hr.

(b) 1 day = 24 hr
6 days = 6×24 hr
= 144 hr.

(c) 1 day = 24 hr
10 days = 10×24
= 240 hr.

(b) 1 day = 24 hr
8 days = 8×24
= 192 hr.

4. Fill in the blank with min/hrs :

(a) minutes (b) minutes (c) hours (d) hours (e) minutes

5. Write the following dates in words :

(a) Twenty nineth March two thousand twelve.

(b) Second October two thousand fourteen.

(c) Fifteenth August two thousand thirteen.

(d) Twenty sixth January two thousand twelve.

(e) Fifth September two thousand fourteen.

6. Write the name of each month :

(a) February (b) April (c) August (d) November

(e) June

Exercise 12.5

Tick (✓) the correct answer:

1. (b) 1 hr 55 min **2.** (b) 12 **3.** (a) 44 days

4. (b) 60 min **5.** (d) 7 months

Chapter-13 (Data Handling)

Exercise 13.1

1. Use the list to fill in the blanks :

(a) Strawberry is the most popular flavour.

(b) 5 more children like Strawberry than vanilla.

(c) Butterscotch and chocolate flavour are both equally liked.
(d) There are a total of 27 children in class III.

Exercise 13.2

1.

Mode of travel	Tally Marks	Total
Auto	𝍸 𝍸 𝍸 ||||	19
Van	𝍸 𝍸 ||	12
Scooter	𝍸 𝍸 𝍸	15
Car	𝍸	5
Walk	𝍸 ||||	9

2.

Week	No.of Pupils	Tally Marks
First	7	𝍸 ||
Second	4	||||
Third	9	𝍸 ||||
Fourth	2	||
Fifth	10	𝍸 𝍸

3. Do your self.

4.

Science	70
Mathematics	90
Computer	80
S.St	60
English	70
Hindi	50

(a) Saurabh obtained max. marks in = Mathematics
(b) Saurabh obtained least marks in = Hindi
(c) Marks obtained in Science = 70
(d) Marks obtained in Computer = 80

Test Paper-IV

1. Convert to km, m :

(a) 1600m
= 1×1000m + 600m
= 1km 600m

(b) 1006m
1×100m + 6m
= 1 km 6m

(c) 5080 m
= 5×1000 + 80m
= 5 km 80m

(d) 6000m
= 6×1000
= 6 km

2. Write the following amount of money in words :
(a) 52.63 = 52 Rupees and 63 paise.
(b) 0.85 = 85 paise.
(c) 150.00 = 150 rupees.
(d) 13.80 = 13 rupees and 80 paise.

3. Write the time as shown :

(a) 9:30 (b) 2:55

(c) 3:05

4.

Scooters	☺ ☺ ☺ ☺ ☺ ☺
Cars	☺ ☺ ☺ ☺ ☺
Cycles	☺ ☺ ☺ ☺ ☺ ☺ ☺
Bikes	☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺

5. Fill in the blanks :

(a) 1m 5cm = 105 cm

(b) 8m 90cm = 890cm

(c) 5 L = 5000*l*

(d) 5.28 = 528 p

6. Tick (✓) the correct answer:

(a) (i) 3420 =3×1000m*l* + 420m*l* = 3420m*l*

(b) (iii) 328 = 3×100 + 28cm = 300cm + 28cm = 328cm

(c) (iv) 8200 = 8×1000 m*l* + 200m*l* = 8200m*l*

(d) (iii) 72.38 =7238 = 7238 paise

Model Paper-II

1. Write the fractions whose numerator and denominator are given :

(a) N=3, D=8 $= \frac{3}{8}$ (b) N=14, D=19 $= \frac{14}{19}$ (c) N=9, D=13 $= \frac{9}{13}$

2. Find the perimeter of the following :

(a) Triangle

8cm 6cm 8cm

Perimeter = (8 + 6 + 8) cm = 22cm

(b) Square

6 cm 6 cm 6 cm 6cm

(6 + 6 + 6 + 6) cm = 24cm

(c) Rectangle

7cm 5cm 7cm 5cm = (7 + 5 + 7 + 5) cm = 24cm

3. Look for the pattern and draw lines and shapes :

(a)

(b)

4. Multiply :

(a)

kg	g
2	4 4 0
×	2
4 kg	8 8 0 g

(b)

kg	g
3	1 0 8
×	2
6 kg	2 1 6 g

(c)

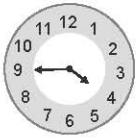
kg	g
2	4 5 2
×	3
7 kg	3 5 6 g

5. Write the following amounts of money in figures:
   (a) Twenty one rupees = ₹ 21
   (b) ffEighty two rupees = ₹ 82
   (c) Fifty two paise = ₹ 0.52
   (d) Twenty four = ₹ 24.12

6. Draw the hands to show the time :

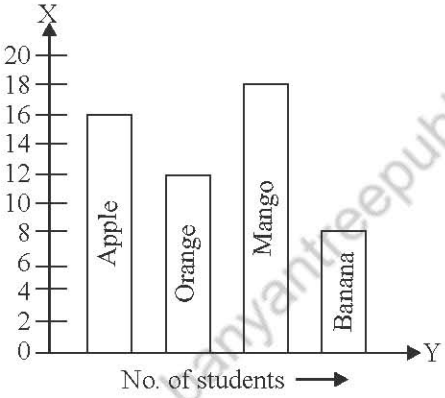
(a) 

(b) 

(c) 

7.

Fruits	No. of students
Apple	16
Orange	12
Mango	18
Banana	9



8. Fill in the blanks :

(a) $\frac{1}{4} \times 12^3 = 3$

(b) A line segment has 2 end points.

(c) The height of a building is measured in m.

(d) ₹ 75.28 = 75 rupee 28 paise

(e) 1 hr = 60 minutes

9. Tick (✔)the correct answer :

(a) (i) $\frac{1}{3}$ (b) (i) 0 (c) (iv) 8150m*l*

(d) (i) 100paise (e) (i) 60 minutes

NOTE