Start Calculation!

Teacher Manual Class-3

Future Print

Chapter-1

Exercise

1. **Write the following in figures:**
   (a) 806 (b) 400 (c) 612 (d) 509
2. **Write the number names:**
   (a) Four hundred thirty (b) Six hundred forty eight (c) Seven hundred nine (d) Two hundred eleven
3. **Write the smallest number of 3 digits:**
   The smallest number of 3 digits = 100
4. **Write the greatest number of 3 digits.**
   The greatest number of 3 digits = 999
5. **Write the place value of the encircled digits:**
   (a) 2 ones or 2 (b) 5 tens or 50 (c) 3 hundreds or 300 (d) 9 tens or 90
6. **Write the face value of encircled digits:**
   (a) 9 (b) 2 (c) 9 (d) 5
7. **Write in expanded form:**
   (a) 300 + 40 + 9 (b) 900 + 20 + 8 (c) 800 + 00 + 9 (d) 100 + 10 + 1
8. **Put a sign > , < or = :**
   (a) 732 < 735 (b) 391 < 481 (c) 449 = 449
9. **Write the short form:**
   (a) 679 (b) 982 (c) 418 (d) 905
10. **Write the greatest and smallest number formed by the digits 4, 8, 0 without repeating the digits:**
    (a) Greatest 840 (b) Smallest 408
11. **Write in increasing order:**
    (a) 554, 592, 602, 710 (b) 10, 111, 141, 181 (c) 382, 399, 414, 415 (d) 842, 899, 919, 982
12. **Write in decreasing order:**
    (a) 982, 919, 899, 842 (b) 222, 221, 212, 121 (c) 618, 568, 231, 207
13. **Add the following:**

(a)

₹	P
819	91
031	41
+ 093	02
944	34

(b)

km	m
91	65
134	87
+51	50
278	02

(c)

l	ml
24	07
19	05
+48	09
91	21

(d)

kg	g
21	625
10	125
+50	219
81	969

14. **Subtract the following:**

(a)

₹	P
(14)(14)	(12)
4 1 ~~5~~	~~5~~ ~~2~~
– 0 5	9 8
4 0 9	5 4

(b)

km	m
(5)	(15)(9)(10)
5 ~~6~~ ~~2~~	~~6~~ ~~0~~ ~~0~~
– 4 8	7 2 5
5 1 3	8 7 5

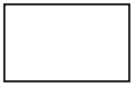
(c)

L	ml
(4)(9)	(15)
5 ~~0~~	~~5~~ ~~8~~
– 1 4	6 6
3 5	9 2

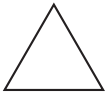
(d)

kg	g
(5)(9)	(14)(10)
2 ~~6~~ ~~0~~	~~1~~ ~~5~~ ~~0~~
– 4 5	2 5 6
2 1 4	8 9 4

15. **Identify the shapes:**

(a) 
Rectangle

(b) 
Square

(c) 
Triangle

(d) 
Circle

16. Read the time:

(a) 5:05 (b) 8:20 (c) 7:15 (d) 9:30
(e) 6:45

17. Multiply:

(a) 322 × 3 = 966

(b) ①① 268 × 2 = 536

(c) ② 291 × 3 = 873

(d) ① 232 × 4 = 928

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

19. Divide the following:

(a) 2)64(32
6↓
4
4
×

(b) 4)94(23
8↓
14
12
2 R

(c) 9)81(9
81
×

20. Identity the pattern and complete the series:

(a) 40, 60, 80, 100, 120, 140, 160, 180 (b) 5, 9, 13, 17, 21, 25, 29 (c) 30, 40, 50, 60, 70, 80, 90 (d) 6, 13 20, 27, 34, 41, 48

21. Solve the following word problems:

(a) Aditi read pages on Mon. 192
She read pages on Tue. 134
She read pages on Wed. + 121
Total number of pages she reads 447

(b) Diksha get marks 345
Taniya got + 470
Total marks 815

(c) Cast of a bicycle ₹345
She paid for it – ₹470
She save ₹150

(d) Total student in a school 896
Number of girls – 439
Number of boys 457

(e) Cost of one bicycle 140
Cost of 4 bicycle × 4
Total Cost of bicycle 560

(f) Cost of 7 books = ₹420
Cost of 1 book = 420 ÷ 2 = ₹60

(g) Number of toffees 730
She distributed – 490
Left with her 240

(h) The number should be added = 549 – 379 = 170

22. Write the name of days:

(i) Sunday (ii) Monday
(iii) Tuesday (iv) Wednesday
(v) Thursday (vi) Friday
(vii) Saturday

23. Write the name of months:

(i) January (vii) July
(ii) February (viii) August
(iii) March (ix) September
(iv) April (x) October
(v) May (xi) November
(vi) June (xii) December

24. (a) Seven (7) (b) Three hundred sixty-six (366) (c) thirty one (31) (d) Thirty (30) (e) Twenty nine (29)

25. (a) False (b) False (c) True (d) False (e) False

Chapter-2

Exercise 2.1

1. Write forward counting 1001 to 1100.

1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020,

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, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100

2. **Write backward counting form 8899 to 8879:**

   8899, 8898, 8897, 8896, 8895, 8894, 8893, 8892, 8891, 8890, 8889, 8888, 8887, 8886, 8885, 8884, 8883, 8882, 8881, 8880, 8879

3. **Write in numerals:**

   (a) 3202 (b) 9417 (c) 7002 (d) 5989 (e) 6400

4. **Write in words:**

   (a) Nine thousand six hundred fifty (b) Eight thousand three hundred ten (c) Two thousand one hundred (d) Nine thousand ninety nine (e) Six thousand nine hundred nineteen

   (f) Five thousand sixteen (g) Four thousand seven hundred eight

Exercise 2.2

1. **Write forward counting from 20,001 to 20,100:**

   20,001, 20,002, 20,003, 20,004, 20,005, 20,006, 20,007, 20,008, 20,009, 20,010, 20,011, 20,012, 20,013, 20,014, 20,015, 20,016, 20,017, 20,018, 20,019, 20,020, 20,021, 20,022, 20,023, 20,024, 20,025, 20,026, 20,027, 20,028, 20,029, 20,030, 2,0031, 20,032, 20,033, 20,034, 20,035, 20,036, 20,037, 20,038, 20,039, 20,040, 2,0041, 20,042, 20,043, 20,044, 20,045, 20,046, 20,047, 20,048, 20,049, 20,050, 2,0051, 20,052, 20,053, 20,054, 20,055, 20,056, 20,057, 20,058, 20,059, 20,060, 2,0061, 20,062, 20,063, 20,064, 20,065, 20,066, 20,067, 20,068, 20,069, 20,070, 2,0071, 20,072, 20,073, 20,074, 20,075, 20,076, 20,077, 20,078, 20,079, 20,080, 2,0081, 20,082, 20,083, 20,084, 20,085, 20,086, 20,087, 20,088, 20,089, 20,090, 2,0091, 20,092, 20,093, 20,094, 20,095, 20,096, 20,097, 20,098, 20,099, 20,100

2. **Write backward counting 12,020 to 12,001:**

   12,020, 12,019, 12,018, 12,017, 12,016, 12,010, 12,009, 12,007, 12,006, 12,005, 12,015, 12,014, 12,013, 12,012, 12,011, 12,005, 12,004, 12,003, 12,002, 12,001

3. **Write in words:**

   (a) Thirty one thousand three hundred ninety nine (b) Twenty three thousand one hundred sixty two (c) Ninety nine thousand nine hundred ninety nine (d) Eight seven thousand fifty six (e) Ninety six thousand four hundred fifty nine

4. **Write in numerals:**

   (a) 10,700 (b) 41,111 (c) 40,414 (d) 13,335 (e) 70,911

Exercise 2.3

1. **Find the place value of encircled digits in the figure number:**

   (a) 5000 or Five thousand (b) 0 or 0

Ones (c) 3000 or Three thousand (d) 300 or Three hundred (e) 90,000 or Nine ten thousand (f) 900 or Nine hundred

2. **Find the face value of encircled digits in the given number:**
(a) 2 (b) 6 (c) 6 (d) 9 (e) 2 (f) 1

3. Place value of 2 in 25831=20,000
Place value of 2 in 56382 = 2
∴ Difference = 20,000 – 2 = 19,998

4. Place value of 5 = 50,000
Face value of 5 = 5
∴ Difference = 50,000 –5 = 49995

5. (a) True (b) False (c) False (d) False (e) False

Exercise 2.4

1. **Write the successor of each number given below:**
(a) 4932 (b) 5440 (c) 10,000 (d) 63815 (e) 67390 (f) 31667

2. **Write the predecessor of each number given below:**
(a) 1000 – 1 = 999 (b) 94312 – 1 = 94311 (c) 54369 – 1 = 54368 (d) 41859 – 1 = 41858 (e) 90000 – 1 = 8999 (f) 98190 – 1 = 9789

3. **Complete the following total:**

Predecessor	Number	successor
(a) 34196	34197	34198
(b) 82008	82009	83000
(c) 89999	90000	90001
(a) 71842	71834	71844

4. **True and False:**
(a) False (b) False (c) False (d) False (e) False

Exercise 2.5

1. **Write in expanded form:**
(a) 5000 + 700 + 80 + 1 or 5 Thousands + 7 Hundreds + 8 Ten + 1 ones (b) 80000 + 9000 + 10 + 5 or 8 Ten thousands + 9 thousands + 1 Ten + 5 ones (c) 70000 + 1000 + 800 + 10 + 9 or 7 Ten thousands + 1 Thousands + 8 Hundreds + 1 Tens + 9 Ones (d) 10000 + 4000 + 700 + 80 + 5 or 1 Ten thousands + 4 Thousands + 7 Hundreds + 8 Tens + 5 Ones

2. **Write in standard form:**
(a) 59999 (b) 5091 (c) 91567 (d) 64896

3. **Write in short form:**
(a) 40000 + 5000 + 600 + 40 + 2 = 45625 (b) 900 + 80 = 980 (c) 80000 + 400 = 80400 (d) 60000 + 4000 + 300 + 20 + 5 = 64325

Exercise 2.6

1. **Write the greatest number formed by the given below:**
(a) 9874 (b) 98721 (c) 9820 (d) 98764 (e) 97542 (f) 98743

2. **Write the smallest number formed by given below:**
(a) 3048 (b) 56789 (c) 3479 (d) 12567 (e) 10235 (f) 10367

3. **Write the greatest and smallest number formed by given digits:**

Digits	Smallest	Greatest
(a) 1,8,27	1287	8721
(b) 0,5,9,81	10589	98510
(c) 2,0,5,81	10258	85210
(d) 3,0,98,1	10389	98310

4. **Fill in the blanks:**
(a) 9999 (b) 99999 (c) 1000 (d) 10000

Exercise 2.7

3. **Put the sign >,< or = :**
(a) < (b) > (c) > (d) = (e) < (f) < (g) > (h) > (i) = (j) > (k) = (l) <

Exercise 2.8

1. **Write in increasing order:**
(a) 2014 < 3871 < 4311 < 20012
(b) 5840 < 6792 < 6932 < 7358
(c) 82491 < 82501 < 95202 < 98312
(d) 23242 < 23249 < 39122 < 39128

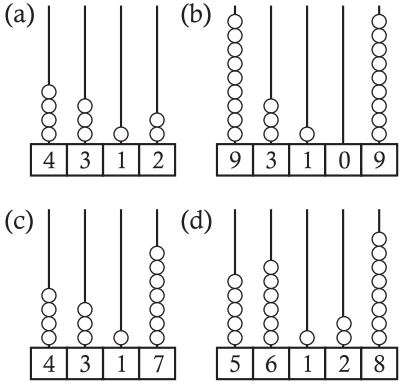
2. **Write in decreasing order:**
(a) 875621 > 864213 > 862412 > 82648 (b) 8328 > 7861 > 7548 > 6214 (c) 62525 > 61250 > 53492 > 53460 (d) 2816 > 2814 > 2496 >2492

3. **Encircle the greatest number and cross smallest number:**
(a) ~~2349~~, 9243, 2561, 7528
(b) 4215, 5124, 2134, ~~2134~~
(c) 4926, 4269, 4263, ~~2463~~
(d) 3802, 8230, 8321, ~~3691~~

Exercise 2.9

1. **Write the number shown on the abacus:**
(a) 4822 (b) 6083 (c) 25388 (d) 20346

2. **Show the following numbers on the abacus:**



Exercise 2.10

3. **Write the counting by 2's starting from 6003:**
6003, 6005, 6007, 6009, 6011, 6013, 6015, 6017, 6011

2. **Write the counting by 5's starting from 8007**
8007, 8012, 8017, 8022, 8027, 8032, 8037, 8042, 8047

3. **Write the counting by 10's starting from 9008:**
9008, 9018, 9028, 9038, 9048, 9058, 9068, 9078, 9088

4. **Write the counting by 100's starting from 7999:**
7999, 8099, 8199, 8299, 8399, 8499, 8599, 8699, 8799,

5. **Write the counting by 1000's starting from 5300:**
5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100,

Chapter-3

Exercise 3.1

1. (a) XXIX (b) XV (c) XIX (d) IX (e) XXX (f) L (g) XLIX (h) XXXIII

2. **Fill in the blanks:**
(a) 15 (b) 8 (c) 9 (d) 11 (e) 15 (f) 39 (g) 58 (h) 29

3. **Put >, < or = in the given boxes:**
(a) = (b) < (c) > (d) < (e) = (f) <

4. **Put >, < or = in the given boxes:**
(a) > (b) > (c) < (d) > (e) = (f) >

5. **Write in increasing order:**
(a) XXIX, XXX, XXXI, XLV, (b) IX, XV, XXIX, XXI (c) X, XX, XXX, XL (d) II, III, IV, VI

6. **Write in decreasing order:**
(a) XL, XXI, VIII, XXV (b) L, XXX, XX, X (c) XXIX, XXI, XVIII, XXV (d) XV, XI, X, IX

7. **Write roman symbol for each of the following:**
(a) V (b) D (c) CCXX (d) M (e) X (f) L (g)

8. **Solve and write in Roman Numeral:**
(a) 40 – 8 = 32 (b) 30 – 6 = 24
(c) 12 + 13 = 25 (d) 40 + 10 = 50
(e) 20 + 5 = 25 (d) 8 + 9 = 17

9. **Fill in the blanks:**
(a) 0 (b) 3 (c) 5,10 (d) 7 (e) M

Chapter-4

Exercise4.1

1. Add the following:

(a)

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

(b)

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

(c)

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

(d)

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

(e)

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

(f)

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

2. Arrange in columns and add:

(a)

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

(b)

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

(c)

Th	H	T	O
4	7	2	1
2	0	5	0
+ 2	2	1	5
8	9	8	6

(d)

Th	H	T	O
1	2	6	4
7	2	2	5
+ 1	0	0	0
9	4	8	9

(e)

Th	H	T	O
6	3	8	1
2	2	1	7
+ 1	2	0	1
9	7	9	9

(f)

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

Exercise - 4.2

1. Add the following:

(a)

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

(b)

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

(c)

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

(d)

	(2)	(2)	(1)
Th	H	T	O
3	8	9	6
2	9	6	7
+ 3	8	9	6
10	7	5	9

(e)

	(1)	(1)	(1)
Th	H	T	O
2	5	4	6
7	3	5	6
+	1	4	4
10	0	4	6

(f)

	(2)	(1)	(1)
Th	H	T	O
5	8	5	3
2	8	9	8
+ 2	4	4	4
11	1	9	5

2. Arrange the following numbers in column and add:

(a)

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

(b)

	(1)	(1)	(1)	(1)
	TTh	Th	H	T	O
		2	6	2	5
		4	4	3	5
+	2	4	3	5	7
	3	1	4	1	7

(c)

	(1)	(1)	(1)	(1)
	TTh	Th	H	T	O
	3	9	3	8	7
		4	1	5	8
+		2	3	8	7
	4	5	9	3	2

3. Write the smallest and greatest number of 5 digit and find their sum:

The greatest five-digit number = 99999

The smallest five-digit number = 10000

Their sum 9999 + 10000 = 009999

4. **Write the place value of 8 in 8752 and in 8920 and find their sum:**
Place value of 8 in 8752 = 8000
Place value of 8 in 8920 = 8000
Their sum = 8000 + 8000 = 16000

5. **Write the greatest and smallest number 4 digit formed 9, 8, 6, 7 and add them:**
Greatest number = 9876
Smallest number = 6789
and their sum = 9876 + 6789
= 16665

6. **Find the sum:**
(a) 10 Thousand + 12 Hundred + 15 Tens + 8 Tens
Solution: 10 Thousand + 12 Hundreds + 15 Tens + 8 Ones
= 10 Thousand + 10 Hundreds + 2 Hundreds + 10 Tens 5 Tens + 8 Ones

7. **Replace the * by proper digits:**

(a)
$$\begin{array}{r} 3\ \boxed{4}\ 3\ \boxed{6} \\ +\ 5\ \ 3\ \ 8\ \ 7 \\ \hline \boxed{8}\ \ 8\ \ \boxed{2}\ \ 3 \end{array}$$

(b)
$$\begin{array}{r} 2\ \ 6\ \boxed{6}\ 3 \\ \boxed{3}\ \ 2\ \ 5\ \boxed{4} \\ +\ 2\ \ \boxed{2}\ \ 7\ \ 4 \\ \hline 8\ \ 1\ \ 9\ \ 1 \end{array}$$

(c)
$$\begin{array}{r} 2\ \boxed{7}\ 5\ 7 \\ \boxed{2}\ \ 2\ \boxed{3}\ 4 \\ +\ \ \ 8\ 6\ 4 \\ \hline 5\ \ 8\ 5\ \boxed{5} \end{array}$$

(d)
$$\begin{array}{r} 4\ \boxed{4}\ 5\ \boxed{3} \\ 5\ \ 4\ \ 3\ \ 2 \\ +\boxed{2}\ \ 7\ \ 7\ \ 6 \\ \hline 5\ \ 6\ \boxed{6}\ 1 \end{array}$$

Exercise 4.3

1. **Fill in the blanks:**
(a) 6585 + 3512 = 3512 + 6585
(b) 6624 + 2596 = 2596 + 6624
(c) 9812 + 0 = 9812
(d) 3815 + 0 = 3815
(e) 9541 + 0 = 9541
(f) 1385 + 0 = 1385
(g) 6271 + (6931 + 2971) = 2971 + (5931 + 6271)
(h) (4527 + 9131) + 2785 = 4527 + (9131 + 2785)

2. **Write the name of property:**
(a) Commutative property of addition (b) Zero is additive identity (c) Associative property of addition (d) Zero is additive identity (e) Associative property of addition

Exercise 4.4

1. **Solve the ward problems:**

$$\begin{array}{lcr} & & ①① \\ \text{Bottles in one day} & = & 3\ 3\ 5\ 7 \\ \text{Bottles in two day} & = & +\ 7\ 3\ 6\ 7 \\ \hline \text{Total bottles of milk} & = & 10\ 7\ 2\ 4 \end{array}$$

10,724 bottles were suppled

2.
$$\begin{array}{lcr} & & ①①② \\ \text{No. of Hindi books} & = & 5\ 4\ 3\ 9 \\ \text{No. of English books} & = & 3\ 5\ 4\ 3 \\ \text{No. of Maths books} & = & +\ 3\ 2\ 8\ 9 \\ \hline \text{Total Books} & = & 12\ 2\ 7\ 1 \end{array}$$

Total number of books in the library are 12,271.

3.
$$\begin{array}{lcr} & & ①②①① \\ \text{Number of males} & = & 5\ 6\ 8\ 3\ 6 \\ \text{Number of females} & = & 3\ 7\ 5\ 5\ 6 \\ \text{Number of children} & = & +\ 2\ 0\ 8\ 7\ 6 \\ \hline & & 1\ 1\ 5\ 2\ 6\ 8 \end{array}$$

Total population of the village are 1,15,268

4.
$$\begin{array}{lr} & ①①①① \\ \text{Largest five-digit no.} & 9\ 8\ 6\ 5\ 1 \\ \text{Smallest five-digit no.} & +\ 1\ 5\ 6\ 8\ 9 \\ \hline & 1\ 1\ 4\ 3\ 4\ 0 \end{array}$$

5.
$$\begin{array}{lcr} & & ②①① \\ \text{Ramesh paid rent} & = & ₹\ 7\ 8\ 0\ 0\ 4 \\ \text{Paid for electric bill} & = & +\ ₹\ 6\ 7\ 9\ 1\ 2 \\ \hline \text{Paid for furniture} & = & ₹1\ 7\ 3\ 6\ 0\ 8 \end{array}$$

Total amount paid by Ramesh ₹ 1,73,608

6. Number of votes A got = 2850
Candidate B got = 3258
Candidate C got = 2156
Number of votes were polled in all = 2850 + 3258 + 2156 = 8264 votes

7. A textile company produce sarees

in three days = 2438 + 3257 + 2881 = 8576

8. Largest 5-digit no. = 99999
Smallest 4-digit no. = + 1000
10999

9. Cows in a villages = 3844
Buffaloes in a villages = 2358
Goats in a villages = + 568
6772

Total number of cattles in a villages = 6772

10. Sum of the numbers = 3675 + 5561 = 9236

5-digit smallest number = (10000 + 9236) = 109236

11. Place value of 7 in 72589 = 70000
Place value of 6 in 5632 = 600
Their sum = 70000 + 600 = 70600

12. In orchard,
Tree of apples = 1725
Tree of oranges = 2250
Tree of mango = + 5880
9855

Thus the total trees in the orchard = 9855

Chapter-5

Exercise 5.1

1. Subtract the following:

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

(b)
Th	H	T	O
5	4	3	2
– 2	3	2	2
3	1	1	0

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

(d)
Th	H	T	O
4	3	6	8
– 1	7	4	2
2	6	2	6

(e)
Th	H	T	O
6	5	4	3
– 3	2	1	0
3	3	3	3

(f)
Th	H	T	O
9	8	7	6
– 6	5	4	3
3	3	3	3

(g)
TTh	Th	H	T	O
5	4	3	2	1
– 4	3	1	0	1
1	1	2	2	0

(h)
TTh	Th	H	T	O
8	7	3	2	1
– 7	5	2	1	0
1	2	1	1	1

(i)
TTh	Th	H	T	O
5	4	3	2	4
– 4	3	1	1	1
1	1	2	1	3

Exercise 5.2

1. Subtract the following:

(a)
Th	H	T	O
3	4	2	1
– 2	2	1	2
1	2	0	9

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

(c)
Th	H	T	O
5	6	9	4
– 3	8	8	5
1	8	0	9

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

(e)
Th	H	T	O
6	5	7	8
– 3	3	5	8
3	2	2	5

(f)
Th	H	T	O
8	6	5	4
– 4	4	4	9
4	2	0	5

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

(h)
TTh	Th	H	T	O
4	2	0	2	8
– 3	1	0	1	9
1	1	0	0	9

(i)
TTh	Th	H	T	O
5	9	7	3	8
– 3	7	5	2	9
2	2	2	0	9

2. Subtract:

(a)
$$\begin{array}{r} 9\,1\,8\,0 \\ -\,4\,2\,5\,6 \\ \hline 4\,9\,2\,4 \end{array}$$

(b)
$$\begin{array}{r} 2\,7\,5\,8\,9 \\ -\,1\,5\,4\,3\,8 \\ \hline 1\,2\,1\,5\,1 \end{array}$$

(c)
$$\begin{array}{r} 8\,4\,0\,9 \\ -\,3\,6\,8\,8 \\ \hline 4\,7\,2\,1 \end{array}$$

(d)
$$\begin{array}{r} 8\,4\,9\,7 \\ -\,7\,2\,8\,8 \\ \hline 1\,2\,0\,9 \end{array}$$

3. Find the difference:

(a)
$$\begin{array}{r} 7\,9\,\overset{8}{\cancel{9}}\,\overset{18}{\cancel{8}} \\ -\,6\,4\,5\,9 \\ \hline 1\,5\,3\,9 \end{array}$$

(b)
$$\begin{array}{r} 3\,4\,6\,\overset{2}{\cancel{3}}\,\overset{12}{\cancel{2}} \\ -\,1\,2\,4\,1\,8 \\ \hline 2\,2\,2\,1\,4 \end{array}$$

(c)
$$\begin{array}{r} 2\,8\,7\,3\,9 \\ -\,2\,1\,4\,2\,5 \\ \hline 0\,7\,3\,1\,4 \end{array}$$

(d)
$$\begin{array}{r} 5\,9\,8\,5\,7 \\ -\,3\,8\,7\,8\,0 \\ \hline 2\,1\,0\,7\,7 \end{array}$$

Exercise- 5.3

1. Subtract the following:

(a)
$$\begin{array}{rrrr} \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{3}{\cancel{4}} & \overset{12}{\cancel{2}} \\ 5 & 9 & \cancel{4} & \cancel{2} \\ -\,2 & 8 & 3 & 4 \\ \hline 3 & 1 & 0 & 8 \end{array}$$

(b)
$$\begin{array}{rrrr} \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{9}{\cancel{9}} & \overset{14}{\cancel{4}} \\ 9 & 6 & \cancel{9} & \cancel{4} \\ -\,8 & 4 & 8 & 6 \\ \hline 1 & 2 & 0 & 8 \end{array}$$

(c)
$$\begin{array}{rrrr} \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{12}{\cancel{3}} & \overset{12}{\cancel{2}} \\ 8 & 4 & \cancel{3} & \cancel{2} \\ -\,6 & 1 & 9 & 9 \\ \hline 2 & 3 & 3 & 3 \end{array}$$

(d)
$$\begin{array}{rrrrr} \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{3}{\cancel{4}} & \overset{13}{\cancel{4}} & \overset{14}{\cancel{4}} \\ 4 & 4 & \cancel{4} & \cancel{4} & \cancel{4} \\ -\,3 & 3 & 3 & 8 & 8 \\ \hline 1 & 1 & 0 & 5 & 6 \end{array}$$

(e)
$$\begin{array}{rrrrr} \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{2}{\cancel{3}} & \overset{11}{\cancel{2}} & \overset{10}{\cancel{0}} \\ 6 & 5 & \cancel{3} & \cancel{2} & \cancel{0} \\ -\,2 & 4 & 2 & 8 & 9 \\ \hline 4 & 1 & 0 & 3 & 1 \end{array}$$

(f)
$$\begin{array}{rrrrr} \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & & & \overset{9}{\cancel{0}} & \overset{13}{\cancel{3}} \\ 4 & 4 & 3 & \cancel{0} & \cancel{3} \\ -\,2 & 1 & 1 & 9 & 9 \\ \hline 2 & 3 & 2 & 0 & 4 \end{array}$$

(g)
$$\begin{array}{rrrrr} \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{8}{\cancel{9}} & \overset{17}{\cancel{8}} & \overset{17}{\cancel{7}} \\ 9 & 9 & \cancel{9} & \cancel{8} & \cancel{7} \\ -\,5 & 4 & 7 & 9 & 9 \\ \hline 4 & 5 & 1 & 8 & 8 \end{array}$$

(h)
$$\begin{array}{rrrrr} \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \overset{1}{\cancel{2}} & \overset{10}{\cancel{1}} & \overset{18}{\cancel{8}} \\ 4 & 3 & \cancel{2} & \cancel{1} & \cancel{8} \\ -\,2 & 2 & 1 & 2 & 9 \\ \hline 2 & 1 & 0 & 8 & 9 \end{array}$$

(i)
$$\begin{array}{rrrrr} \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & \overset{6}{\cancel{7}} & \overset{14}{\cancel{5}} & \overset{17}{\cancel{8}} & \overset{13}{\cancel{3}} \\ 2 & \cancel{7} & \cancel{5} & \cancel{8} & \cancel{3} \\ -\,1 & 5 & 3 & 9 & 9 \\ \hline 1 & 2 & 1 & 8 & 4 \end{array}$$

2. Subtract the following:

(a)
$$\begin{array}{r} 6\,8\,9\,4 \\ -\,5\,6\,8\,2 \\ \hline 1\,2\,1\,2 \end{array}$$

(b)
$$\begin{array}{r} 5\,\overset{8}{\cancel{9}}\,\overset{17}{\cancel{8}}\,\overset{18}{\cancel{8}} \\ -\,2\,8\,9\,9 \\ \hline 3\,0\,8\,9 \end{array}$$

(c)
$$\begin{array}{r} 4\,6\,\overset{7}{\cancel{8}}\,\overset{14}{\cancel{5}}\,\overset{11}{\cancel{1}} \\ -\,3\,3\,3\,8\,3 \\ \hline 1\,3\,4\,6\,8 \end{array}$$

3. Find the difference:

(a)
$$\begin{array}{r} 7\,\overset{3}{\cancel{4}}\,\overset{12}{\cancel{3}}\,\overset{11}{\cancel{1}} \\ -\,5\,2\,4\,2 \\ \hline 2\,1\,8\,9 \end{array}$$

(b)
$$\begin{array}{r} 4\,\overset{4}{\cancel{5}}\,\overset{16}{\cancel{7}}\,\overset{17}{\cancel{7}} \\ -\,2\,2\,9\,8 \\ \hline 2\,2\,7\,9 \end{array}$$

(c)
$$\begin{array}{r} 2\,7\,\overset{3}{\cancel{4}}\,\overset{17}{\cancel{8}}\,\overset{14}{\cancel{4}} \\ -\,1\,6\,2\,9\,5 \\ \hline 1\,1\,2\,0\,9 \end{array}$$

4. Find the difference:

(a)

		4	12	10
	7	~~5~~	~~3~~	~~0~~
−	4	2	7	5
	3	2	5	5

(b)

		1	10	18
	3	~~2~~	~~1~~	~~8~~
−	2	1	2	9
	1	0	8	9

(c)

		6	12	15
	8	~~7~~	~~3~~	~~5~~
−	4	2	9	6
	4	4	3	9

(d)

Exercise-5.4

1. Subtract the following:

(a)

Th	H	T	O
9	3	4	8
−5	8	9	9
3	4	4	9

(b)

Th	H	T	O
5	7	3	2
−3	9	8	8
1	7	4	4

(c)

Th	H	T	O
4	7	8	3
−3	9	9	6
	7	8	7

(d)

TTh	Th	H	T	O
9	3	4	6	5
−	6	4	8	8
8	6	9	7	7

(e)

TTh	Th	H	T	O
9	3	6	1	2
−	3	7	6	8
8	9	8	4	4

(f)

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

(g)

TTh	Th	H	T	O
7	6	5	4	3
− 6	9	8	7	4
0	6	6	6	9

(h)

TTh	Th	H	T	O
6	5	4	2	2
− 3	6	3	8	9
2	9	0	4	3

(i)

TTh	Th	H	T	O
8	6	5	2	3
− 4	7	8	9	5
3	8	6	2	8

2. Find the difference:

(a)

5	3	6	8
− 4	9	7	9
0	3	8	9

(b)

7	6	2	8
− 4	7	3	9
2	8	8	9

(c)

2	9	4	2	0
−2	6	5	3	9
	2	8	8	1

(d)

3	8	6	3	1
−2	6	7	9	8
1	1	8	3	3

3. Subtract the following:

(a)

5	9	6	8
− 4	9	4	5
1	0	2	3

(b)

9	2	8	9
− 7	3	9	9
1	8	9	0

(c)

3	1	3	3	2
−2	3	4	4	3
0	7	8	8	9

(d)

2	3	6	2
−	7	9	3
1	5	6	9

4. Subtract the following:

(a)

9	8	6	0
− 7	9	7	3
1	8	8	7

(b)

1	0	0	0	0
−2	9	9	9	9
	0	0	0	1

(c)

7	2	1	3
− 6	9	9	9
0	2	1	4

(d) Place value of 7 in 8732 – 700
Place value of 7 in 9423 – 9000
Subtract = (9000 – 7000) = 8300

(e) Face value of 6 in 8632 – 6
Place value of 6 in 8632 – 600
Subtract = 600 – 6 = 594

(f) (7963 + 4352) – (6852 + 3241)
= 12315 – 10093 = 2222

(g) 58743 – 9854

5	8	7	4	3
− 9	8	5	4	
4	8	8	8	9

Exercise-5.5

1. Subtract the following and check your answer:

(a)

Th	H	T	O
5	14	13	13
~~6~~	~~5~~	~~4~~	~~3~~
−2	8	7	9
3	6	6	4

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

So, answer is correct.

(b)

Th	H	T	O
6	13	12	12
~~7~~	~~4~~	~~3~~	~~2~~
−3	9	4	6
3	4	8	6

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

So, answer is correct.

(c)

Th	H	T	O
	6	14	12
5	~~7~~	~~5~~	~~2~~
−4	4	9	9
1	2	5	4

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

So, answer is correct.

(d)

Th	H	T	O
8	17	12	13
~~9~~	8	~~4~~	~~3~~
−5	9	8	5
3	8	4	8

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

So, answer is correct.

(e)

Th	H	T	O
4	15	14	13
~~5~~	~~6~~	~~5~~	~~3~~
−2	8	9	5
2	7	5	8

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

So, answer is correct.

(a)

Th	H	T	O
2	13	11	11
~~3~~	~~4~~	~~2~~	~~1~~
−2	5	8	9
0	8	3	2

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

So, answer is correct.

2. Find subtract in each of the following:

(a)

Th	H	T	O
5	4	3	8
−1	3	1	5
4	1	2	3

(b)

Th	H	T	O
7	8	6	6
−4	7	8	8
3	0	7	8

(c)

Th	H	T	O
3	5	3	8
−1	2	4	9
2	2	8	9

(d)

Th	H	T	O
3	6	9	5
−1	4	9	8
2	1	9	7

(e)

Th	H	T	O
3	2	1	0
−1	1	0	1
2	1	0	9

(f)

Th	H	T	O
5	2	8	1
−4	1	9	3
1	0	8	8

Exercise 5.6

1. Subtract the following by breaking subtrahend:

(a) 9965 − 8574

9965 − (8000 + 500 + 70 + 4)

= $\boxed{9965 - 8000}$ − 500 − 70 − 4

= $\boxed{1965 - 500}$ − 70 − 4

= $\boxed{1465 - 70}$ − 4

= $\boxed{1395 - 4}$ = 1391

(b) 9967 − 5987

9967 − (5000 + 900 + 80 + 7)

= $\boxed{9967 - 5000}$ − 900 − 80 − 7

= $\boxed{4967 - 900}$ − 80 − 7

= $\boxed{4067 - 80}$ − 7

= $\boxed{1387 - 7}$ = 3980

(c) 5869 − 3796

5869 − (3000 + 7000 + 90 + 6)

= $\boxed{5869 - 3000}$ − 700 − 90 − 6

= $\boxed{2869 - 700}$ − 90 − 6

= $\boxed{2869 - 90}$ − 6

= $\boxed{2079 - 6}$ = 2073

(d) 5423 – 2829

5423 – (2000 + 800 + 20 + 9)

= $\boxed{5423-2000}$ – 800 – 20 – 9

= $\boxed{3423-800}$ – 20 – 9

= $\boxed{2623-20}$ – 9

= $\boxed{2603-9}$ = 2594

Exercise-5.7

1. Solve the following:

(a)
$$\begin{array}{r} 3986 \\ +\ 2967 \\ \hline 6953 \end{array} \qquad \begin{array}{r} 6953 \\ +\ 2356 \\ \hline 9309 \end{array}$$

(b)
$$\begin{array}{r} 9653 \\ -\ 3572 \\ \hline 6081 \end{array} \qquad \begin{array}{r} 6081 \\ +\ 4568 \\ \hline 1513 \end{array}$$

So, 9653 – 3572 – 4568 = 1513

(c)
$$\begin{array}{r} 2226 \\ +\ 1543 \\ \hline 3799 \end{array} \qquad \begin{array}{r} 3799 \\ -\ 1278 \\ \hline 2521 \end{array}$$

So, 2256 + 1543 – 1278 = 2521

(d)
$$\begin{array}{r} 19545 \\ -\ 4260 \\ \hline 15285 \end{array} \qquad \begin{array}{r} 15285 \\ -\ 3545 \\ \hline 12740 \end{array}$$

$$\begin{array}{r} 12740 \\ -\ 1828 \\ \hline 10912 \end{array}$$

(e)
$$\begin{array}{r} 7625 \\ -\ 1599 \\ \hline 6027 \end{array} \qquad \begin{array}{r} 6027 \\ -\ 8245 \\ \hline 14272 \end{array}$$

$$\begin{array}{r} 14272 \\ -\ 5454 \\ \hline 19726 \end{array}$$

(f)
$$\begin{array}{r} 3650 \\ -\ 2820 \\ \hline 6470 \end{array} \qquad \begin{array}{r} 6470 \\ -\ 1560 \\ \hline 8030 \end{array}$$

$$\begin{array}{r} 8030 \\ -\ 3948 \\ \hline 4082 \end{array}$$

(g)
$$\begin{array}{r} 7582 \\ -\ 3241 \\ \hline 4341 \end{array} \qquad \begin{array}{r} 4341 \\ -\ 3621 \\ \hline 7962 \end{array}$$

$$\begin{array}{r} 7962 \\ -\ 1210 \\ \hline 9172 \end{array}$$

(h)
$$\begin{array}{r} 6000 \\ -\ 3000 \\ \hline 9000 \end{array} \qquad \begin{array}{r} 9000 \\ -\ 2000 \\ \hline 7000 \end{array}$$

$$\begin{array}{r} 7000 \\ -\ 5000 \\ \hline 2000 \end{array}$$

Exercise-5.8

1. Total money Nikita had = ₹23736

Cost price of LCD projector = ₹9360

Money is left with her = (23736 – 9360) = ₹14376

2. Total students = 86975

Failed students = –27896

59079

Thus the number of passed students = 59079

3. Total population in city = 33937

Number of females = –22859

11078

Thus the number of males = 11078

4. Bottles of milk = 86361

Bottles taken out = –34839

51522

Thus, the number of left bottles = 51522

5. Sum of the number = 97316

One number is = –34839

62477

Thus, the other number is 62477

6. 46421 – 39736 = 6685

7. Teddys in Ist week = 5635

= +6739

12374

Total teddys made in factory = 12374

The company has order = 23860

Thus, the teddy were left to be made = (23860 – 12374) = 11,486

8. Total amount Sakshi had = ₹96111

She gave amount to his brother = ₹56761

₹96111 – (56761 + 31636)

₹96111 – ₹88397 = ₹7714

Thus, she gave amount to his sister ₹7714

9. Total books in a shop = 8448

Books written in Hindi = – 4699

3749

So, the number of books in other language 3749

Exercise-6.1

1. Fill in the blanks:

(a) $79 \times 81 = 81 \times \underline{79}$

(b) $712 \times 812 = \underline{812} \times 712$

(c) $991 \times \underline{171} \times = 171 \times 991$

(d) $61 \times 31 = \underline{31} \times 61$

2. Fill in the blanks:

(a) $(46 \times 39) \times 21 = 46 \times (\underline{39} \times 21)$

(b) $(21 \times 9) \times 26 = 21 \times (9 \times \underline{26})$

(c) $(\underline{18} \times 7) \times 11 = 18 \times (7 \times 11)$

(d) $(16 \times \underline{17}) \times 22 = 16 \times (17 \times 22)$

3. Fill in the blanks:

(a) $51 \times 1 = \underline{51}$ (b) $1 \times 91 = \underline{91}$

(c) $21 \times 1 = \underline{21}$ (d) $17 \times 1 = \underline{17}$

(e) $26 \times 1 = \underline{26}$ (f) $1 \times 62 = \underline{63}$

4. Fill in the blanks:

(a) $13 \times 0 = \underline{0}$ (b) $15 \times 0 = \underline{0}$

(c) $\underline{0} \times 22 = 0$ (d) $0 \times 32 = 0$

(e) $\underline{0} \times 24 = 0$ (f) $26 \times 0 = \underline{0}$

5. Fill in the blanks and write the name of property

(a) $16 \times (1 + 6) = (16 \times \underline{1}) + (16 + 6)$

Distribution property of multiplication over addition

(b) $75 \times (16 + 5) = (75 \times 16) + (75 + \underline{3})$

Distribution property of multiplication over addition

(c) $96 \times (\underline{10} + 6) = (96 \times 10) + (96 + 6)$

Distribution property of multiplication over addition

(d) $\underline{50} \times (10 + 11) = (50 \times 10) + (50 + 11)$

Distribution property of multiplication over addition

(e) $19 \times (16 - 9) + (19 \times 16) - (19 \times 9)$

Distribution property of multiplication over subtraction

(f) $\underline{83} \times (101 - 24) = (83 \times 101) - (83 \times 24)$

Distribution property of multiplication over subtraction

Exercise-6.2

1. Find the products:

(a) $17 \times 10 = \underline{170}$

(b) $273 \times 10 = \underline{2730}$

(c) $4532 \times 10 = \underline{45320}$

(d) $30 \times 10 = \underline{3000}$

(e) $167 \times 100 = \underline{16700}$

(f) $2368 \times 100 = \underline{236800}$

(g) $89 \times 1000 = \underline{89000}$

(h) $298 \times 1000 = \underline{298000}$

(i) $1699 \times 1000 = \underline{1699000}$

2. Find the products:

(a) $28 \times (4 + 10)$

$(28 \times 4) \times 10$

$112 \times 10 = 1120$

(b) $27 (5 \times 100)$

$-(27 \times 5) \times 100 = 13500$

(c) 58×6000

$= 58 \times (6 \times 1000)$

$= (58 \times 6) \times 1000$

$= 348 \times 1000 = 348000$

(d) 199×50

$199 \times (5 \times 10)$

$= (199 \times 5) \times 10$

$= 995 \times 10 = 9950$

(e) 127×600
$127 \times (6 \times 100)$
$(127 \times 6) \times 100$
$= 762 \times 100 = 76200$

(f) 139×8000
$= 139 \times (8 \times 1000)$
$= (139 \times 8) \times 1000$
$= 1112000$

(g) 1631×70
$= 1631 \times (7 \times 10)$
$= (1631 \times 7) \times 10$
$= 11417 \times 10 = 114170$

(h) 1352×800
$= 1352 \times (8 \times 100)$
$= 1352 \times (8 \times 100)$
$= (1352 \times 8) \times 100$
$= 10916 \times 100 = 1091600$

(i) 1833×3000
$= 1833 \times (3 \times 1000)$
$= (1338 \times 3) \times 1000$
$= 5499 \times 1000 = 5499000$

3. Fill in the blanks:

(a) $27 \times \underline{10} = 270$
(b) $321 \times \underline{10} = 3210$
(c) $4261 \times \underline{10} = 42610$
(d) $64 \times \underline{100} = 6400$
(e) $32 \times \underline{100} = 3200$
(f) $1835 \times \underline{100} = 183500$
(g) $91 \times \underline{100} = 9100$
(h) $325 \times \underline{100} = 32500$
(i) $92 \times \underline{10000} = 920000$

4. Fill in the blanks:

(a) $12 \times \underline{30} = 360$
(b) $18 \times \underline{20} = 3600$
(c) $65 \times \underline{20} = 1300$
(d) $14 \times \underline{20} = 2800$
(e) $16 \times \underline{4000} = 64000$
(f) $86 \times \underline{300} = 25800$
(g) $15 \times \underline{7000} = 135000$
(h) $25 \times \underline{300} = 7500$
(i) $26 \times \underline{500} = 1300$

5. Find the product by suitable grouping:

(a) $(6 \times 26) \times 100$
$= 15600$

(b) $(4 \times 5) \times 625$
$= 20 \times 625 = 12500$

(c) $(70 \times 100) \times 25$
$= 7000 \times 25 = 175000$

(d) $324 \times (24 \times 5)$
$= 324 \times 120 = 38880$

(e) $(60 \times 2) \times 1426$
$= 120 \times 1426 = 171120$

(f) $(30 \times 3) \times 125$
$= 90 \times 125 = 11250$

(g) $186 \times (20 \times 7)$
$= 186 \times 140 = 26040$

(h) $(120 \times 7) \times 525$
$= 840 \times 525 = 441000$

(i) $45 \times (35 \times 4)$
$= 45 \times 140 = 6300$

Exercise-6.3

1. Find the product:

(a)
H	T	O
	1	3
×	2	6
	7	8
2	6	×
3	3	8

(b)
H	T	O
	1	3
×	2	9
1	1	7
2	6	×
3	7	7

(c)
H	T	O
	1	5
×	1	3
	4	5
1	5	×
1	9	5

(d)
H	T	O
	2	5
×	2	2
	5	0
5	0	×
5	5	0

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

(f)
H	T	O
	1	5
×	2	2
	3	0
3	0	×
3	3	0

(g)

H	T	O
	3	3
×	2	4
1	3	2
6	6	×
7	9	2

2. Find the product:

(a)

	4	2
×	2	3
1	2	6
8	4	×
9	6	6

(b)

	3	5
×	2	2
	7	0
7	0	×
7	7	0

(c)

	1	5
×	1	2
	3	0
1	5	×
1	8	0

(d)

	2	3
×	3	5
1	1	5
6	9	×
8	0	5

(e)

	6	2
×	1	2
1	2	4
6	2	×
7	4	4

(f)

	4	3
×	2	2
	8	6
8	6	×
9	4	6

(g)

	1	3
×	1	4
	5	2
1	3	×
1	8	2

(h)

	1	2
×	1	3
	3	6
1	2	×
1	5	6

(i)

	1	3
×	1	0
	0	0
1	3	×
1	3	0

(j)

× 1	0	0	
	0	0	
0	0	×	
1	0	0	×
10	0	0	0

(k)

	2	3
×	1	3
	6	9
2	3	×
2	9	9

(l)

	2	3
×	2	3
	6	9
4	6	×
5	2	9

Exercise-6.4

1. Find the products:

(a)

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

(b)

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

(c)

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

(d)

Th	H	T	O
		2	6
	×	3	7
	1	8	2
	7	8	×
0	9	6	2

(e)

Th	H	T	O
		2	0
	×	4	9
	1	8	0
	8	0	×
0	9	8	0

(f)

Th	H	T	O
		2	6
	×	8	6
	1	5	6
2	0	8	×
2	2	3	6

2. Find the product.

(a)

	4	8
×	1	4
1	9	2
4	8	×
6	7	2

(b)

	4	8
×	2	4
1	9	2
9	6	×
11	5	2

(c)

	6	6
×	2	2
1	3	2
1 3	2	×
1 4	5	2

(d)

	7	3
×	2	9
6	5	7
1 4	6	×
2 1	1	7

(e)

	4	6
×	4	7
3	2	2
1 8	4	×
2 1	6	2

(f)

	4	9
×	4	2
	9	8
1 9	6	×
2 0	5	8

(g)

	5	3
×	1	8
4	2	4
5	3	×
9	5	4

(h)

	6	4
×	1	9
5	7	6
6	4	×
1 2	1	6

(i)
```
      4 8
    × 1 4
    1 9 2
    4 8 ×
    6 7 2
```

(j)
```
      4 8
    × 2 4
    1 9 2
    9 6 ×
   10 8 2
```

(k)
```
      7 3
    × 7 6
    4 3 8
  5 1 1 ×
  5 5 4 8
```

(l)
```
      8 9
    × 3 5
    4 4 5
  2 6 7 ×
  3 1 1 5
```

Exercise-6.5

1. Find the product:

(a)
```
Th H T O
   2 2 4
     × 4
   8 9 6
```

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

(c)
```
Th H T O
   4 4 3
     × 3
 1 3 2 9
```

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

(e)
```
Th H T O
   2 3 4
     × 7
 1 6 3 8
```

(f)
```
Th H T O
   3 3 6
     × 4
 1 3 4 4
```

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

(h)
```
Th H T O
   7 1 3
     × 4
 2 8 5 2
```

(i)
```
Th H T O
   2 7 4
     × 4
 1 0 9 6
```

2. Find the products:

(a)
```
  4 3 3
    × 3
1 2 9 9
```

(b)
```
  2 5 2
    × 4
1 0 0 8
```

(c)
```
  3 3 3
    × 4
1 3 3 2
```

(d)
```
  1 2 5
    × 3
  3 7 5
```

(e)
```
  2 5 2
    × 4
1 0 0 8
```

(f)
```
  3 3 4
    × 5
1 6 7 0
```

(g)
```
  9 4 2
    × 2
1 8 8 4
```

(h)
```
  3 3 4
    × 7
2 3 3 8
```

(i)
```
  2 5 2
    × 6
1 5 1 2
```

(j)
```
  2 4 7
    × 6
2 0 4 2
```

(k)
```
  2 3 2
    × 6
1 3 9 2
```

(l)
```
  3 3 6
    × 8
2 6 8 8
```

Exercise-6.6

1. Find the products:

(a)
```
Th H T O
   1 2 7
     × 1 2
   2 5 4
 1 2 7 ×
 1 5 2 4
```

(b)
```
Th H T O
   3 4 3
     × 2 3
 1 0 2 9
 6 8 6 ×
 7 8 8 9
```

(c)
```
Th H T O
   2 4 4
     × 2 2
   4 8 8
 4 8 8 ×
 5 3 6 8
```

(d)
```
Th H T O
   7 1 2
     × 1 3
 2 1 3 6
 7 1 2 ×
 9 2 5 6
```

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

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

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

(h)
```
Th H T O
   8 8 6
     × 2 4
 3 5 4 4
17 7 2 ×
21 2 6 4
```

(i)

Th	H	T	O
	7	7	4
	× 2	2	
1	5	4	8
15	4	8	×
17	0	2	8

2. Find the products:

(a)

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

(b)

Th	H	T	O
	3	4	3
	× 1	3	
1	0	2	9
3	4	3	×
4	4	5	9

(c)

Th	H	T	O
	1	5	1
	× 1	3	
	4	5	3
1	5	1	×
1	9	6	3

(d)

Th	H	T	O
	1	3	6
	× 1	4	
	5	4	4
1	3	6	×
1	9	0	4

(e)

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

(f)

Th	H	T	O
	3	3	3
	× 3	3	
	9	9	9
9	9	9	×
10	9	8	9

(g)

Th	H	T	O
	2	1	6
	× 1	2	
	4	3	2
2	1	6	×
2	5	9	2

(h)

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

(i)

Th	H	T	O
	4	1	7
	× 2	2	
	8	3	4
8	3	4	×
9	1	7	4

(j)

Th	H	T	O
	7	8	6
	× 1	1	
	7	8	6
5	0	4	×
8	6	4	6

(k)

Th	H	T	O
	7	7	7
	× 4	4	
3	1	0	8
31	0	8	×
34	1	8	8

Exercise-6.7

1. The cost of 1 bag = ₹25
So, the cost of 9 bags = ₹25 × 9
= ₹225

2. Pencil box contained = 35 pencils
8 box contain = 35 × 8
= 280 pencils

3. In 1 purse contain = ₹205
Amount of 25 purses = ₹205 × 25
= ₹5125

4. Each section have = 42 students
10 section have = 42 × 10
= 420 students

5. Each section have planted = 299 plants
20 section have plant = 20 × 299
= 5980 plant

6. One box contain = 215 balls
21 boxes contain = 21 × 215 balls
= 4515 balls

7. The cost of 1 sofa sats = ₹3336
The cost of 3 sofa sats = ₹3336 × 3
= ₹10008

8. The cost of one dinning table = ₹2271
So, the cost of 9 dinning table = ₹2271 × 9 = ₹20439

9. The cost of 1 *l* of milk = ₹19
So, the cost of 52 *l* of milk = ₹19 × 52 = ₹988

10. 1 week = 7 days
22 weeks = 22 × 7 days = 154 days

11. 1 year = 12 months
5 years = 5 × 12 months = 60 months

12. 1 month = 7 weeks

19 months = 19 × 7 weeks

= 133 weeks

13. Monthly income of Aditi = ₹3839

Income of 1 year = ₹3839 × 12

So, the income of 2 years = ₹3839 × 2 × 12 = ₹92136

14. There are beds in chain = 79 beads

So, the number of beads 29 chain = 29 × 79 = 2291

15. There are toffees in 1 packet = 305 toffees

There are toffees in 35 packets = 305 × 35 = 10675 toffees

Exercise-7.1

2. Find the quotient by repeated subtraction:

(a) 7)56(8
56
×

(b) 2)16(8
16
×

(c) 5)25(5
25
×

(d) 6)18(3
18
×

(e) 6)24(4
24
×

(f) 8)24(3
24
×

(g) 3)27(9
27
×

(h) 6)36(6
36
×

(i) 7)56(8
56
×

(j) 5)25(5
25
×

(k) 9)63(7
63
×

(l) 10)50(5
50
×

(m) 12)48(4
48
×

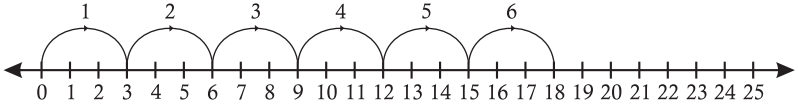
(n) 8)72(9
72
×

(o) 7)42(6
42
×

(p) 12)72(6
72
×

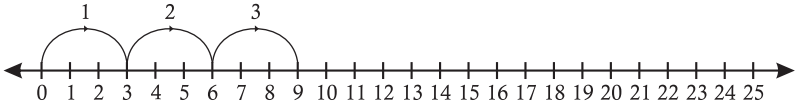
3. Use number line to divide:

(a) 18 ÷ 3 = $\boxed{6}$



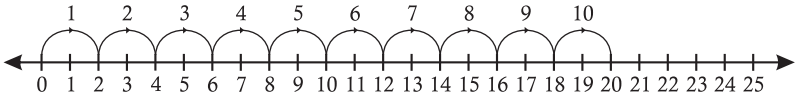
So, 18 ÷ 3 = 6

(b) 12 ÷ 4 = $\boxed{3}$



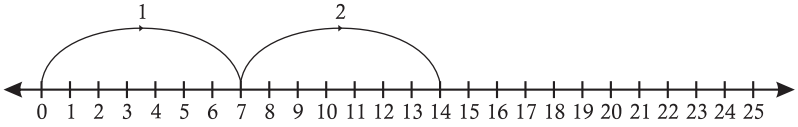
So, 12 ÷ 4 = 3

(c) 20 ÷ 2 = $\boxed{10}$



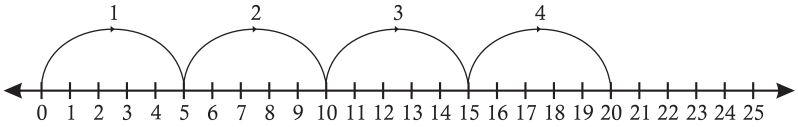
So, 20 ÷ 2 = 10

(d) $14 \div 7 = \square$



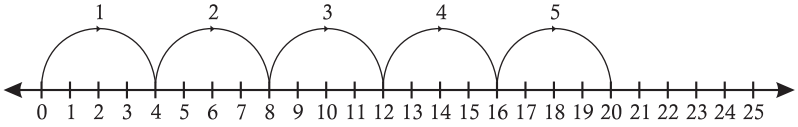
So, $14 \div 7 = \boxed{2}$

(e) $20 \div 5 = \square$



So, $20 \div 4 = \boxed{5}$

(f) $24 \div 4 = \square$



So, $24 \div 4 = \boxed{6}$

Exercise-7.2

1. By using repeated subtracted find quotient and remainder.

(a) $29 \div 7$

Here divided = 29, Divisor = 7

$29 - 7 = 22$ ..... (1)

$22 - 7 = 15$ ..... (2)

$-7 = 8$ ..... (3)

$8 - 7 = 1$

In the end we are getting 1, from which 7 can not be subtracted so, Remainder = 1

(b) $33 \div 9$

Here divided = 23, Divisor = 9

$23 - 9 = 14$ ..... (1)

$14 - 9 = 5$ ..... (2)

In the end we are going 5, from which 9 can not be subtracted so, Remainder = 5

(c) $35 \div 6$

Here divided = 35, Divisor = 6

$35 - 6 = 29$ ..... (1)

$29 - 6 = 23$ ..... (2)

$23 - 6 = 17$ ..... (3)

$17 - 6 = 11$ ..... (3)

$11 - 6 = 5$ ..... (4)

In the end we are getting 5, from which 6 can not be subtracted so, Remainder = 5

(d) $55 \div 9$

Here divided = 55, Divisor = 9

$55 - 9 = 45$ ..... (1)

$46 - 9 = 35$ ..... (2)

$35 - 9 = 26$ ..... (3)

$26 - 9 = 17$ ..... (4)

$17 - 9 = 8$ ..... (5)

In the end we are getting 8, from which 9 can not be subtracted so, Remainder = 8

(e) $38 \div 12$

Here divided = 38, Divisor = 12

38 – 12 = 26 ..... (1)

26 – 12 = 14 ..... (2)

14 – 12 = 2 ..... (3)

In the end we are getting 2, from which 12 can not be subtracted so, Remainder = 2

(f) 19 ÷ 3

Here divided = 19, Divisor = 3

19 – 3 = 16 ..... (1)

16 – 3 = 13 ..... (2)

13 – 3 = 10 ..... (3)

10 – 3 = 7 ..... (4)

7 – 3 = 4 ..... (5)

4 – 3 = 1 ..... (6)

In the end we are getting 1, from which 3 can not be subtracted so, Remainder = 1

(g) 26 ÷ 6

Here divided = 26, Divisor = 6

26 – 6 = 20 ..... (1)

20 – 6 = 14 ..... (2)

14 – 6 = 8 ..... (3)

8 – 6 = 2 ..... (4)

In the end we are getting 2, from which 6 can not be subtracted so, Remainder = 2

(h) 56 ÷ 10

Here divided = 56, Divisor = 10

56 – 10 = 46 ..... (1)

46 – 10 = 36 ..... (2)

36 – 10 = 26 ..... (3)

26 – 10 = 16 ..... (4)

16 – 10 = 6 ..... (5)

In the end we are getting 6, from which 10 can not be subtracted so, Remainder = 6

2. Write the division facts for the following:

(a) 24 ÷ 4 = 6, 24 ÷ 6 = 4

(b) 16 ÷ 8 = 2, 16 ÷ 2 = 8

(c) 21 ÷ 7 = 3, 21 ÷ 3 = 7

(d) 48 ÷ 8 = 6, 48 ÷ 6 = 8

(e) 16 ÷ 8 = 2, 16 ÷ 2 = 8

(f) 27 ÷ 9 = 3, 27 ÷ 3 = 9

(g) 42 ÷ 7 = 6, 42 ÷ 6 = 7

3. Write the multiplication fact for the following:

(a) 9 × 9 = 81 (b) 4 × 6 = 24

(c) 7 × 5 = 35 (d) 4 × 8 = 32

(e) 9 × 6 = 54 (f) 7 × 9 = 63

(g) 8 × 6 = 48 (h) 6 × 9 = 54

Exercise-7.3

1. Fill in the blanks without calculating:

(a) 155 ÷ 1 = 155 (b) 160 ÷ 0 = 0

(c) 0 ÷ 25 = 0 (d) 165 ÷ 1 = 165

(e) 0 ÷ 160 = 0 (f) 270 ÷ 270 = 1

(g) 105 ÷ 105 = 1 (h) 222 ÷ 0 = 0

(i) 626 ÷ 1 = 626 (j) 84 ÷ 84 = 1

(k) 0 ÷ 70 = 0 (l) 90 ÷ 90 = 1

2. True or False:

(a) True (b) False (c) True (d) True (e) True

Exercise-7.4

Find the quotient by using long division.

(a) 18 ÷ 2

2)18(9
18
×

(b) 24 ÷ 3

3)24(8
24
×

(c) 34 ÷ 4

4)36(9
36
×

(d) 45 ÷ 5

5)45(9
45
×

(e) 54 ÷ 6

6)54(9
54
×

(f) 35 ÷ 7

7)35(5
35
×

(g) $48 \div 8$

$$\begin{array}{r} 8\overline{)48}\,(6 \\ \underline{48} \\ \times \end{array}$$

(h) $63 \div 9$

$$\begin{array}{r} 9\overline{)63}\,(7 \\ \underline{63} \\ \times \end{array}$$

(i) $70 \div 10$

$$\begin{array}{r} 10\overline{)70}\,(7 \\ \underline{70} \\ \times \end{array}$$

(j) $55 \div 11$

$$\begin{array}{r} 11\overline{)55}\,(5 \\ \underline{55} \\ \times \end{array}$$

(k) $48 \div 12$

$$\begin{array}{r} 12\overline{)48}\,(4 \\ \underline{48} \\ \times \end{array}$$

(l) $56 \div 7$

$$\begin{array}{r} 7\overline{)56}\,(8 \\ \underline{56} \\ \times \end{array}$$

(m) $64 \div 8$

$$\begin{array}{r} 8\overline{)64}\,(8 \\ \underline{64} \\ \times \end{array}$$

(n) $81 \div 9$

$$\begin{array}{r} 9\overline{)81}\,(9 \\ \underline{81} \\ \times \end{array}$$

(o) $70 \div 14$

$$\begin{array}{r} 14\overline{)70}\,(5 \\ \underline{70} \\ \times \end{array}$$

(p) $100 \div 10$

$$\begin{array}{r} 10\overline{)100}\,(10 \\ \underline{10} \\ 0 \end{array}$$

Exercise-7.5

Divide the following and check your answer.

(a) $66 \div 6$

$$\begin{array}{r} 6\overline{)66}\,(11 \\ \underline{6\downarrow} \\ 6 \\ \underline{6} \\ \times \end{array}$$

Checking: Quotient × Divisor + Dividend

$11 \times 6 + 10 = 66$

(b) $88 \div 4$

$$\begin{array}{r} 4\overline{)88}\,(22 \\ \underline{8\downarrow} \\ 8 \\ \underline{8} \\ \times \end{array}$$

Checking :

$22 \times 4 + 0 = 88$

(c) $39 \div 3$

$$\begin{array}{r} 3\overline{)69}\,(23 \\ \underline{6\downarrow} \\ 9 \\ \underline{9} \\ \times \end{array}$$

Checking : $23 \times 3 + 0 = 69$

(d) $868 \div 2$

$$\begin{array}{r} 2\overline{)868}\,(434 \\ \underline{8\downarrow} \\ 6 \\ \underline{6\downarrow} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

Checking : $434 \times 2 + 0 = 868$

(f) $505 \div 5$

$$\begin{array}{r} 5\overline{)505}\,(101 \\ \underline{5\downarrow} \\ 05 \\ \underline{05} \\ 0 \end{array}$$

Checking: $101 \times 5 + 0 = 505$

(g) $699 \div 3$

$$\begin{array}{r} 3\overline{)699}\,(233 \\ \underline{6\downarrow} \\ 9 \\ \underline{9\downarrow} \\ 9 \\ \underline{9} \\ 0 \end{array}$$

Checking : $233 \times 3 + 0 = 699$

(h) $126 \div 6$

$$\begin{array}{r} 6\overline{)126}\,(21 \\ \underline{12\downarrow} \\ 06 \\ \underline{06} \\ 0 \end{array}$$

Checking : $21 \times 6 + 0 = 126$

(i) $888 \div 2$

```
2)888(444
  8↓
  8
  8↓
  8
  8
  0
```

Checking :
$444 \times 2 + 10 = 868$

(j) $969 \div 3$

```
3)969(323
  9↓
  6
  6↓
  8
  9
  0
```

Checking:
$323 \times 3 + 0 = 969$

(k) $484 \div 4$

```
4)484(121
  4↓
  8
  8↓
  4
  4
  0
```

Checking :
$121 \times 4 + 0 = 484$

(l) $565 \div 5$

```
5)565(131
  5↓
  6
  5↓
  15
  15
  0
```

Checking :
$113 \times 5 + 0 = 565$

(m) $2466 \div 2$

```
2)2466(1233
  2↓
  4
  4↓
  6
  6
  6
  6
  0
```

Checking :
$1233 \times 2 + 0 = 1466$

(n) $3933 \div 3$

```
3)3933(1311
  3↓
  9
  9↓
  3
  3
  3
  3
  0
```

Checking :
$1311 \times 3 + 0 = 3933$

(o) $4844 \div 4$

```
4)4844(1211
  4↓
  8
  8↓
  4
  4
  4
  4
  0
```

Checking :
$1211 \times 4 + 0 = 4844$

(p) $5055 \div 5$

```
5)5055(1011
  5↓
  5
  5↓
  5
  5
  5
  5
  0
```

Checking :
$1011 \times 5 + 0 = 5055$

(q) $1266 \div 6$

```
6)1266(211
  12↓
  6
  6↓
  6
  6
  0
```

Checking :
$211 \times 6 + 0 = 1266$

(r) $7147 \div 7$

```
7)7147(1021
  7↓↓
  14
  14↓
   7
   7
   0
```

Checking :
$1021 \times 7 + 0 = 7147$

(s) $8168 \div 8$

```
8)8168(1021
  8↓↓
  16
  16↓
   8
   8
   0
```

Checking :
$1021 \times 8 + 0 = 8168$

(t) $1000 \div 10$

```
10)1000(100
   10↓↓
   000
```

Checking :
$100 \times 10 + 0 = 1000$

(u) $8888 \div 8$

```
8)8888(1111
  8↓
  8
  8↓
   8
   8↓
   8
   8
   0
```

Checking :
$1111 \times 8 + 0 = 8888$

Exercise-7.6

Divide the following and check your answer.

(a) $38 \div 2$

```
2)38(19
  2↓
  18
  18
   0
```

Checking:
$= 19 \times 2 + 0$
$= 38 + 0$
$= 38$

(b) $57 \div 3$

```
3)57(19
  3↓
  27
  27
   0
```

Checking:
$= 19 \times 3 + 0$
$= 57 + 0$
$= 57$

(c) $95 \div 5$

```
5)95(19
  5↓
  45
  45
   0
```

Checking:
$= 19 \times 5 + 0$
$= 95 + 0$
$= 95$

(d) $72 \div 6$

```
6)72(12
  6↓
  12
  12
   0
```

Checking:
$= 12 \times 6 + 0$
$= 72 + 0$
$= 72$

(e) $84 \div 7$

```
7)84(12
  7↓
  14
  14
   0
```

Checking:
$= 12 \times 7 + 0$
$= 84 + 0$
$= 84$

(f) $96 \div 8$

```
8)96(12
  8↓
  16
  16
   0
```

Checking:
$= 12 \times 8 + 0$
$= 96 + 0$
$= 96$

(g) $54 \div 2$

```
2)54(117
  2
  3
  2↓
  14
  14
   0
```

Checking:
$= 27 \times 2 + 0$
$= 54 + 0$
$= 54$

(h) $96 \div 4$

```
4)96(24
  8↓
  16
  16
   0
```

Checking:
$= 24 \times 4 + 0$
$= 96 + 0$
$= 96$

(i) $526 \div 2$

```
2)526(263
  4↓
  12
  12↓
   6
   6
   0
```

Checking:
$= 263 \times 2 + 0$
$= 526 + 0$
$= 526$

(j) $453 \div 3$

```
3)453(151
  3↓
  15
  15↓
   3
   3
   0
```

Checking:
$= 151 \times 3 + 0$
$= 453 + 0$
$= 453$

(k) $968 \div 4$

```
4)968(242
  8↓
  16
  16↓
   8
   8
   0
```

Checking:
$= 242 \times 4 + 0$
$= 968 + 0$
$= 968$

(l) $865 \div 5$

```
5)865(173
  5↓
  36
  35↓
   15
   15
    0
```

Checking:
$= 173 \times 5 + 0$
$= 865 + 0$
$= 865$

(m) $906 \div 6$

```
6)906(151
  6↓
  30
  30↓
   6
   6
   0
```

Checking:
$= 151 \times 3 + 0$
$= 906 + 0$
$= 906$

(n) $968 \div 8$

```
8)968(121
  8↓
  16
  16↓
   8
   8
   0
```

Checking:
$= 121 \times 8 + 0$
$= 968 + 0$
$= 968$

2. Divide the following and check your answer.

(a) $5324 \div 2$

```
2)5324(2662
  4↓
  13
  12↓
   12
   12↓
    4
    4
    0
```

Checking:
$= 2662 \times 2 + 0$
$= 5324 + 0$
$= 5324$

(b) $5454 \div 3$

```
3)5454(1818
  3↓
  24
  24↓
   5
   3↓
   24
   24
    0
```

Checking:
$= 1818 \times 3 + 0$
$= 5454 + 0$
$= 5454$

(c) $6808 \div 2$

```
2)6808(3404
  6
  8
  8
  08
  08
   0
```

Checking:
$= 3404 \times 2 + 0$
$= 6808 + 0$
$= 6808$

(d) $3365 \div 5$

```
5)3365(673
  30
  36
  35
   15
   15
    0
```

Checking:
$= 673 \times 5 + 0$
$= 3365 + 0$
$= 3365$

(e) $7212 \div 6$

```
6)7212(1202
  6
  12
  12
   12
   12
    0
```

Checking:
$= 1202 \times 6 + 0$
$= 7212 + 0$
$= 7212$

(f) $8449 \div 7$

```
7)8449(1207
  7
  14
  14
   49
   49
    0
```

Checking:
$= 1207 \times 7 + 0$
$= 8449 + 0$
$= 8449$

(g) $8168 \div 8$

```
8)8168(1021
  8
  16
  16
   8
   8
   0
```

Checking:
$= 1021 \times 8 + 0$
$= 8168 + 0$
$= 8168$

(h) $9279 \div 9$

```
9)9279(1031
  9
  27
  27
   9
   9
   0
```

Checking:
$= 1031 \times 9 + 0$
$= 9279 + 0$
$= 9279$

Exercise-7.7

Find the quotient and remainder check your answer.

(a) $37 \div 2$

```
2)37(18
  2
  17
  16
   1
```

Checking:
$= 18 \times 2 + 1$
$= 36 + 1$
$= 37$

(b) $29 \div 3$

```
3)29(9
  27
   2
```

Checking:
$= 9 \times 3 + 2$
$= 27 + 2$
$= 29$

(c) $49 \div 4$

```
4)49(12
  4
  9
  8
  1
```

Checking:
$= 12 \times 4 + 1$
$= 48 + 1$
$= 49$

(d) $56 \div 5$

```
5)56(11
  5
  6
  5
  1
```

Checking:
$= 11 \times 5 + 1$
$= 55 + 1$
$= 56$

(e) $89 \div 7$

```
7)89(12
  7
  19
  14
   5
```

Checking:
$= 12 \times 7 + 5$
$= 84 + 5$
$= 89$

(f) $89 \div 9$

```
9)89(9
   81
    8
```

Checking:
$= 9 \times 9 + 8$
$= 81 + 8$
$= 89$

(g) $73 \div 2$

```
2)73(36
  6↓
  13
  12
   1
```

Checking:
$= 36 \times 2 + 1$
$= 72 + 1$
$= 73$

(h) $83 \div 5$

```
5)83(16
  5↓
  33
  30
   3
```

Checking:
$= 16 \times 5 + 3$
$= 80 + 3$
$= 83$

(i) $791 \div 6$

```
6)791(131
  6↓
  19
  18↓
   11
    6
    5
```

Checking:
$= 131 \times 6 + 5$
$= 786 + 5$
$= 791$

(j) $333 \div 7$

```
7)333(28
  28↓
   53
   49
    0
```

Checking:
$= 47 \times 7 + 4$
$= 329 + 4$
$= 791$

(k) $557 \div 8$

```
8)557(69
  48↓
   77
   72
    5
```

Checking:
$= 69 \times 8 + 5$
$= 552 + 5$
$= 557$

(l) $229 \div 2$

```
2)229(114
  2↓
   2
   2↓
    9
    8
    1
```

Checking:
$= 114 \times 2 + 1$
$= 228 + 1$
$= 229$

(m) $785 \div 2$

```
2)785(392
  6↓
  18
  18↓
   5
   4
   1
```

Checking:
$= 392 \times 2 + 1$
$= 784 + 1$
$= 785$

(n) $887 \div 3$

```
3)887(295
  6↓
  28
  27↓
   17
   15
    2
```

Checking:
$= 295 \times 3 + 2$
$= 885 + 2$
$= 887$

(o) $985 \div 4$

```
4)985(246
  8↓
  18
  16↓
   25
   24
    1
```

Checking:
$= 246 \times 4 + 1$
$= 984 + 1$
$= 985$

(p) $328 \div 5$

```
5)328(65
  30↓
   28
   25
    3
```

Checking:
$= 65 \times 5 + 3$
$= 325 + 3$
$= 328$

(q) $2817 \div 2$

```
2)2817(1408
  2
  8
  8
   17
   16
    1
```

Checking:
$= 1408 \times 2 + 1$
$= 2816 + 1$
$= 2817$

(r) $3341 \div 3$

```
3)3341(1113
  3
  3
  3
   4
   3
   11
    9
    2
```

Checking:
$= 1113 \times 3 + 2$
$= 3339 + 2$
$= 3341$

(s) $6618 \div 4$

```
4)6618(1654
  4
  26
  24
   21
   20
    18
    16
     2
```

Checking:
$= 1654 \times 4 + 2$
$= 6616 + 2$
$= 6618$

(t) $9918 \div 5$

```
5)9918(1983
  5
  49
  45
   41
   40
    18
    15
     3
```

Checking:
$= 1983 \times 5 + 3$
$= 9915 + 3$
$= 9918$

(u) $7718 \div 6$

```
6)7718(1286
  6
  17
  12
   51
   48
    38
    36
     2
```

Checking:
$= 1286 \times 6 + 2$
$= 7716 + 2$
$= 7718$

(v) $3258 \div 7$

```
7)3258(465
  28
   45
   42
    38
    35
     3
```

Checking:
$= 465 \times 7 + 3$
$= 3255 + 3$
$= 3258$

(w) $6208 \div 9$

```
9)6208(689
  54
   80
   72
    88
    81
     7
```

Checking:
$= 689 \times 9 + 7$
$= 6201 + 7$
$= 6208$

(x) $4033 \div 7$

```
8)4033(576
  35
   53
   49
    43
    42
     1
```

Checking:
$= 576 \times 7 + 1$
$= 4032 + 1$
$= 4033$

Exercise-7.8

1. **Find the quotient and remainder without actual division and check your answer by using long division**

(a) $66 \div 10$

Q = 6

R = 6

```
10)66(6
   60
    6
```

(b) $827 \div 10$

```
10)827(82
   80↓
    27
    20
     7
```

Q = 82

R = 7

(c) $8161 \div 10$

```
10)8161(816
   80↓
    16
    10↓
     61
     60
      1
```

Q = 816

R = 1

Exercise-7.9

1. 7 bags contain = 749 books
   1 bag contain = 749 ÷ 7
   = 107 books
2. 6 buses are hired carry passengers = 648
   1 buses are carry passengers
   = 648 ÷ 6
   = 108 passengers
3. The cost of 8 books = ₹ 568
   The cost of 1 book = ₹ 568 ÷ 8
   = ₹ 71
4. Shopkeeper bought eggs = 666 egg
   1 tray have = 16 eggs
   No. of tray did he use = 666 ÷ 716
   = 111 trays
5. Product of two number = 4182
   One number = 3
   So, the other number is = 4182 ÷ 3
   = 1394
6. Number of total toffees = 8175
   Toffees did each friend got
   = 8175 ÷ 5
   = 1635 toffees
7. Distance covered by truck in 4 hrs = 980 km
   Distance covered by truck in 1 hrs = 980 ÷ 4
   = 245
8. 9 trucks carried = 981 dolls
   1 truck carried = 981 ÷ 9
   = 109
9. Quotient = 109, Division = 9
   Remainder = 2
   So, the division = division × Quotient + Rem
   = 9 × 109 + 2
   = 981 + 2 = 983
10. The weight of 8 boxes = 864 kg
    The weight of 1 box = 864 ÷ 8
    = 108 kg
11. Smallest 4 digit number = 1000

```
8)1000(125
  8↓
  20
  16↓
   40
   40
    ×
```

= 1000 ÷ 8

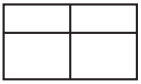
12. Greatest 9 digit number = 999999999
    So, 999999999 ÷ 9 = 111111111
13. The cost of 8 T-shirt = ₹ 1816
    The cost of 1 T-shirt = ₹ 1816 ÷ 8
    = ₹ 227
14. A factory produce toys in 1 week = 7147
    A factory produce toy in 1 day = 7147 ÷ 7 = 1021 toys

Chapter-8

Exercise-8.1

1. **Tick the figures which are divided in to equal parts:**

(a)  ✗

(b)  ✗

(c)  ✓

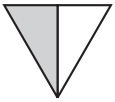
(d)  ✓

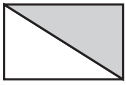
(e)  ✓

(f)  ✓

2. Shade with pencil to $\frac{1}{2}$ represent of each of the following:

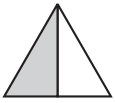
(a) 

(b) 

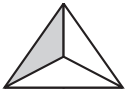
(c) 

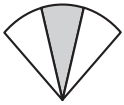
(d) 

(e) 

(f) 

3. Shade with pencil to $\frac{1}{3}$ represent of each of the following:

(a) 

(b) 

(c) 

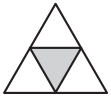
(d) 

(e) 

(f) 

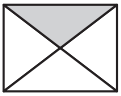
4. Shade with pencil to $\frac{1}{4}$ represent of each of the following:

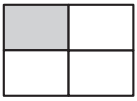
(a) 

(b) 

(c) 

(d) 

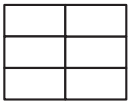
(e) 

(f) 

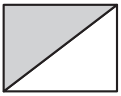
5. Shade a part of each whole to represent given fraction:

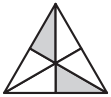
(a)  $\frac{3}{6}$

(b)  $\frac{2}{6}$

(c)  $\frac{5}{8}$

(d)  $\frac{1}{4}$

(e)  $\frac{1}{2}$

(f)  $\frac{2}{6}$

6. Write the figure for shaded and unshaded portion:

(a) Shaded $\frac{4}{8}$ or $\frac{1}{2}$

Unshaded $\frac{4}{8}$ or $\frac{1}{2}$

(b) Shaded $\frac{3}{8}$ Unshaded $\frac{5}{8}$

(c) Shaded $\frac{4}{8}$ or $\frac{1}{2}$

Unshaded $\frac{4}{8}$ or $\frac{1}{2}$

7. Write the fraction for each of the following fractional:

(a) $\frac{3}{8}$ (b) $\frac{2}{6}$ or $\frac{1}{3}$ (c) $\frac{3}{7}$ (d) $\frac{2}{5}$

(e) $\frac{5}{8}$ (f) $\frac{7}{8}$ (g) $\frac{6}{7}$ (h) $\frac{3}{5}$

8. Write the fractional number for each of the following fractional:

(a) Two - third (b) Four sixths (c) Five eight (d) Four fifths (e) Four eight (f) Three ninths (g) Seven - ninths (h) Three fifths

Exercise 8.2

1. Identify the numerator and denominator in the following fractions:

Fraction	Numerator	Denominator
(a) $\frac{4}{8}$	4	8
(b) $\frac{3}{5}$	3	5
(c) $\frac{6}{9}$	6	9

2. Write the fraction for the following:

(a) Fraction = $\frac{6}{7}$

(b) Fraction = $\frac{5}{9}$

(c) Fraction = $\frac{4}{8}$

3. Encircle the unit fraction in the following:

(a) $\frac{5}{6}, \frac{1}{4}, \frac{4}{6}, \frac{5}{8}, \frac{1}{6}, \frac{2}{8}, \frac{2}{14}, \frac{4}{16}, \frac{8}{19}, \frac{1}{18}, \frac{1}{24}, \frac{1}{48}$

(b) $\frac{7}{10}, \frac{1}{8}, \frac{1}{12}, \frac{3}{14}, \frac{3}{18}, \frac{5}{10}, \frac{1}{10}, \frac{3}{12}, \frac{1}{18}, \frac{9}{12}, \frac{10}{14}, \frac{14}{16}, \frac{1}{13}$

4. Encircle the proper fractions in the following:

(a) $\frac{6}{5}, \frac{8}{3}, \frac{3}{4}, \frac{8}{10}, \frac{13}{12}, \frac{7}{5}, \frac{5}{7}, \frac{8}{7}, \frac{10}{9}, \frac{12}{13}, \frac{3}{4}, \frac{7}{3}, \frac{5}{8}$

(b) $\frac{7}{10}, \frac{13}{12}, \frac{6}{3}, \frac{4}{3}, \frac{5}{9}, \frac{6}{15}, \frac{2}{8}, \frac{3}{18}, \frac{18}{16}, \frac{17}{19}, \frac{16}{8}, \frac{15}{4}, \frac{17}{12}$

Exercise-8.3

1. Encircle the fractions that are like fractions to the first one.

(a) $\frac{2}{5} \rightarrow \frac{3}{6}, \frac{3}{5}, \frac{8}{9}, \frac{3}{4}, \frac{6}{5}, \frac{12}{5}$

(b) $\frac{3}{6} \rightarrow \frac{2}{6}, \frac{8}{6}, \frac{4}{9}, \frac{6}{8}, \frac{5}{6}, \frac{10}{9}$

(c) $\frac{2}{3} \rightarrow \frac{5}{3}, \frac{6}{3}, \frac{7}{3}, \frac{2}{9}, \frac{2}{8}, \frac{3}{10}$

(d) $\frac{4}{7} \rightarrow \frac{3}{8}, \frac{4}{8}, \frac{5}{7}, \frac{6}{7}, \frac{9}{10}, \frac{8}{7}$

2. Put the sign >, < or = in the boxes:

(a) $\frac{3}{10} \boxed{<} \frac{5}{10}$ (b) $\frac{19}{20} \boxed{>} \frac{8}{20}$

(c) $\frac{3}{5} \boxed{=} \frac{3}{5}$ (d) $\frac{4}{8} \boxed{>} \frac{3}{8}$

(e) $\frac{16}{13} \boxed{<} \frac{20}{13}$ (f) $\frac{17}{19} \boxed{<} \frac{21}{19}$

3. Encircle the smallest fraction in each of the following:

(a) $\frac{5}{6}, \frac{2}{6}, \frac{8}{6}$ (b) $\frac{3}{10}, \frac{9}{10}, \frac{4}{10}$

(c) $\frac{7}{8}, \frac{8}{8}, \frac{3}{8}$ (d) $\frac{2}{4}, \frac{4}{4}, \frac{5}{4}$

(e) $\frac{8}{12}, \frac{3}{12}, \frac{10}{12}$ (f) $\frac{17}{19}, \frac{14}{19}, \frac{16}{19}$

4. Encircle the largest fraction in each of the following:

(a) $\frac{6}{8}, \frac{10}{8}, \frac{13}{8}$ (b) $\frac{8}{12}, \frac{9}{12}, \frac{4}{12}$

(c) $\frac{12}{6}, \frac{13}{6}, \frac{15}{6}$ (d) $\frac{4}{9}, \frac{7}{9}, \frac{8}{9}$

(e) $\frac{15}{13}, \frac{3}{13}, \frac{16}{13}$ (g) $\frac{15}{7}, \frac{22}{7}, \frac{14}{7}$

5. Arrange in ascending order:

(a) $\frac{5}{13} < \frac{6}{13} < \frac{16}{13} < \frac{18}{13} < \frac{19}{13}$

(b) $\frac{3}{8} < \frac{6}{8} < \frac{10}{8} < \frac{13}{8} < \frac{15}{8}$

(c) $\frac{9}{12} < \frac{10}{12} < \frac{13}{12} < \frac{14}{12} < \frac{18}{12}$

(d) $\frac{3}{19} < \frac{6}{19} < \frac{7}{19} < \frac{8}{19} < \frac{13}{19}$

6. Arrange in descending order:

(a) $\frac{9}{12} > \frac{7}{12} > \frac{6}{12} > \frac{5}{12} > \frac{2}{12}$

(b) $\frac{11}{10} > \frac{9}{10} > \frac{6}{10} > \frac{5}{10} > \frac{4}{10}$

(c) $\frac{17}{14} > \frac{12}{14} > \frac{11}{14} > \frac{10}{14} > \frac{9}{14}$

(d) $\frac{9}{13} > \frac{8}{13} > \frac{7}{13} > \frac{5}{13} > \frac{2}{13}$

Exercise-8.4

1. Add the following:

(a) $\frac{3}{4} + \frac{5}{4} = \frac{3+5}{4} = \frac{\cancel{8}}{\cancel{4}}\ 2$

(b) $\frac{2}{12} + \frac{6}{10} = \frac{2+6}{10} = \frac{8}{10} = \frac{4}{5}$

(c) $\frac{4}{11} + \frac{9}{11} = \frac{4+9}{11} = \frac{13}{11}$

(d) $\frac{9}{13} + \frac{10}{13} = \frac{9+10}{13} = \frac{19}{13}$

(e) $\frac{2}{9} + \frac{7}{9} = \frac{2+7}{9} = \frac{9}{9} = 1$

(f) $\frac{8}{7} + \frac{9}{7} = \frac{8+9}{7} = \frac{17}{7}$

(g) $\frac{9}{10} + \frac{2}{10} = \frac{9+2}{10} = \frac{11}{10}$

(h) $\frac{5}{13} + \frac{6}{13} = \frac{5+6}{13} = \frac{11}{13}$

2. Subtract the following:

(a) $\frac{12}{16} - \frac{4}{16} = \frac{12-4}{16} = \frac{8}{16} = \frac{1}{2}$

(b) $\frac{9}{10} - \frac{4}{10} = \frac{9-4}{10} = \frac{5}{10} = \frac{1}{2}$

(c) $\frac{17}{18} - \frac{9}{18} = \frac{17-9}{18} = \frac{9}{18} = \frac{1}{2}$

(d) $\frac{9}{12} - \frac{5}{12} = \frac{9-5}{12} = \frac{4}{12} = \frac{1}{3}$

(e) $\frac{17}{19} - \frac{11}{19} = \frac{17-11}{19} = \frac{6}{19}$

(f) $\frac{13}{14} - \frac{8}{14} = \frac{13-8}{14} = \frac{5}{14}$

(g) $\frac{14}{7} - \frac{10}{7} = \frac{14-10}{7} = \frac{4}{7}$

(h) $\frac{7}{18} - \frac{5}{18} = \frac{7-5}{18} = \frac{3}{18} = \frac{1}{9}$

Exercise-8.5

2. Subtract the following:

(a) $\frac{1}{3}$ of 18 balls $\frac{1}{\cancel{3}} \times \overset{6}{\cancel{18}} = 6$ balls

(b) $\frac{1}{5}$ of 30 pens $\frac{1}{5} \times 30 = 6$ pens

(c) $\frac{1}{6}$ of 24 pencils

$\frac{1}{6} \times 24 = 4$ pencils

(d) $\frac{1}{7}$ of 21 flowers

$\frac{1}{7} \times 21 = 3$ flowers

2. Find the following:

(a) $\frac{1}{6}$ of $24 = \frac{1}{6} \times \frac{24}{1} = \frac{24}{6} = 4$

(b) $\frac{1}{7}$ of $28 = \frac{1}{7} \times \frac{28}{1} = \frac{28}{7} = 4$

(c) $\frac{1}{8}$ of $16 = \frac{1}{8} \times \frac{16}{1} = \frac{16}{8} = 2$

(d) $\frac{1}{9}$ of $27 = \frac{1}{9} \times \frac{27}{1} = \frac{27}{9} = 3$

(e) $\frac{1}{10}$ of $40 = \frac{1}{10} \times \frac{40}{1} = \frac{40}{10} = 4$

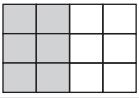
(f) $\frac{1}{7}$ of $35 = \frac{1}{7} \times \frac{35}{1} = \frac{35}{7} = 5$

(g) $\frac{1}{8}$ of $64 = \frac{1}{8} \times \frac{64}{1} = \frac{64}{8} = 8$

(h) $\frac{1}{3}$ of $57 = \frac{1}{3} \times \frac{57}{1} = \frac{57}{3} = 19$

3. Draw and colour:

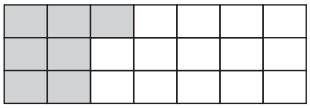
(a) $\frac{1}{2}$ of 27 squares



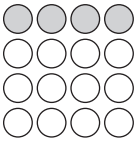
$\frac{1}{2} \times 27 = 6$ squares

(b) $\frac{1}{3}$ of 21 cubes

$\frac{1}{3} \times 21 = 7$ cubes



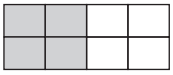
(c) $\frac{1}{4}$ of 16 circles



$\frac{1}{4} \times 16 = 4$ circles

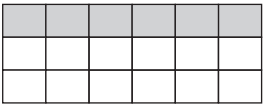
(d) $\frac{1}{5}$ of 10 rectangle

$\frac{1}{5} \times 10 = 2$ rectangle



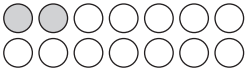
(e) $\frac{1}{6}$ of 18 cubes

$\frac{1}{6} \times 18 = 3$ cubes



(f) $\frac{1}{7}$ of 14 circles

$\frac{1}{7} \times 14 = 2$ circles



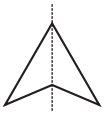
Chapter-9

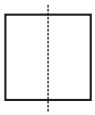
Exercise-9.1

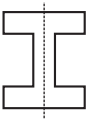
1. **Does the dotted line divide each of the following figures in to two identical parts write Yes or No.**

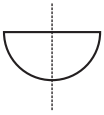
   (a) Yes (b) yes (c) Yes (d) No (e) No (f) Yes (g) Yes (h) Yes

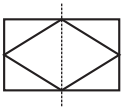
2. **Draw the line of symmetry if possible:**

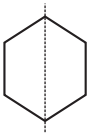
(a) 

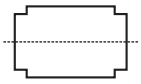
(b) 

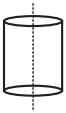
(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

3. **Complete each of the following pictures by drawing an exactly same pattern on the other side of the line:**

(a) 

(b) 

(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

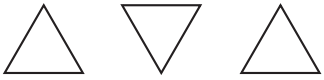
2. **Computer the following pattern:**

(a) 

(b) 

(c)

(d)

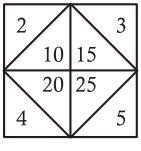


(e)

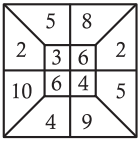
Exercise 9.2

1. **Identify the pattern and complete the series:**
   (a) 3, 6, 9, 3 (b) ZZ, AA, ZZ, AA (c) 10, 20, 30, 10 (d) BCA, CAB, ABC, BCA (e) 213, 132, 321, 213
2. **Identify the pattern and complete the pattern:**
   (a) 12, 14, 16, 18, 20 (b) 24, 28, 32, 36, 40 (c) 55, 65, 75, 85, 95 (d) 40, 38, 36, 34, 32 (e) 600, 700, 800, 900, 1000
3. **Find the pattern and complete the table :**
   (a) 1 2 3 4 5 6 7 8 9
   11 22 33 44 55 66 77 88 99

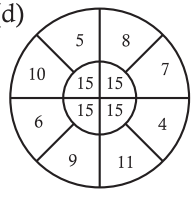
(b)



(c)



(d)



Chapter-10

Exercise 10.1

1. **Make two different point give then home X and Y:**
   • X • Y
2. **Name the point between A and B on the line $\overleftrightarrow{AB}$:**
   X, Y, U, V, R
3. **Classify as line, line segment and ray:**
   (a) Ray (b) Line segment(c) Line segment (d) Line segment(e) Line segment
4. PQ, QR, RS, SP, (b) AB, BC, CA, (c) XY, YZ, ZW, WX, (d) DE, EF, FD, (e) PQ, QR, RS, ST, TP, (f) GH,HI, IJ, KF, FG, (g) AB, BC, CD, DA,
5. **Write the name of intersecting lines and intersection:**
   (a) AB, and PQ, O, AB and XY, M CD and PQ, R, CD and XY, N
6. **Name the horizontal , vertical and slanting lines in the figure:**
   Horizontal line AB and CD
   Vertical lines PQ and RS
   Slanting lines DE and EG
7. **Fill in the blanks:**
   (a) on (b) one (c) two (d) infinite
   (e) $\overrightarrow{AB}$ (f) $\overline{YX}$ (g) PQ

Exercise 10.2

1. **Construct the line segment of given lengths:**
   (a) A ——— B (4 cm)
   (b) P ——— Q (7 cm)
   (c) X ——— Y (6 cm)
   (d) D ——— E (5.5 cm)
   (e) C ——— D (8.5 cm)
   (f) G ——— H (9 cm)
2. **Write the name of lines segments and also measure them:**
   (a) $\overline{AB}$ = 3.5 cm; ~~AB = 3.5 cm~~;
   ~~AB = 3.5 cm~~; ~~AB = 3.5 cm~~;
   (b) $\overline{PQ}$ = 3 cm (c) $\overline{CD}$ = 1.5 cm

(d) $\overline{FG} = 3.5$ cm (e) $\overline{BC} = 3$ cm
$\overline{DG} = 3.5$ cm $\overline{BA} = 1$ cm

3. **Measure the length of each side:**
(a) Ab = CD = 3.5 cm
AC = DB = 2 cm
(b) PQ = QR = RS = SP 2 cm
(c) XY = YZ = ZX = 2 cm
(d) AB = 2.5 cm
AD = BC = 2 cm
DC = 4.5 cm
(e) RS = PQ = 5 cm
PS = RQ = 2.5

Exercise 10.3

1. **Write the name of following figures:**
(a) Rectangle (b) Square (c) Circle
2. **Write the 2 example of following shapes:**
(a) Postcard paper (b) Face of ludodice ludo (c)Setsquare sand with (d) Bindi striker (d)
3. **Write the shape of following object:**
(a) Circle (b) Square (c) Rectangle (d) Rectangle
4. **Fill in the blanks:**
(a) 4, 4 (b) 4, 4 (c) 3. 3 (d) 0, 0 (e) equal (f) (g) equal
5. **Look at the following figure and count number of triangle:**
(a) 4 (b) 5 (c) 9
6. **Look at the following figure and count number of square:**
(a) 5 (b) 6 (c) 25
7. **Look at the following figure and count number of rectangle:**
(a) 3 (b) 10 (c) 6

Exercise 10.4

1. **Look at the given object and identity the shape:**
(a) Cone, cure, cylinder, culroid
2. **Tick the correct answer:**
(a) A cricket ball has a plane / curved surface (b) The top of a table has a plane / curved surface (c) An apple has a curved / plane curved surface (d) The top of the book has a plane / curved surface
3. **Give three example of each shape:**
(a) Brick, Book, Box (b) Sugar, cube, Ludodice, Tee, cube (c) Joker cap, Ice-cream cone, funnel (d) Pencil, Gas cylinder, Tube light
4. **Fill in the blanks:**
(a) 6, 12, 8 (b) cube (c) faces (d) sphere (e) cylinder

Chapter-11

Exercise-11.1

(a) Meter (b) Centimeter (c) centimeter (d) metere (e) metere

Exercise-11.2

1. **What unit of length will you use to measure the following:**
(a) Meter (b) Kilometer
(c) Centimeter (d) Meter
(e) Centimeter
2. **Convert in to meters:**
(a) 1 km = 1000 m
7 km = 7 × 1000 = 7000 m
(b) 1 km = 1000 m
9 km = 9 × 1000 = 9000 m
(c) 1 km = 1000 m
11 km = 11 × 1000 = 11000 m
(d) 1 km = 1000 m
16 km = 16 × 1000 = 16000 m
(e) 1 km = 1000 m
5 km = 5 × 1000 = 5000 m
(f) 1 km = 1000 m
3 km = 3 × 1000
= 3000
= 3000 + 6 = 3006 m

(g) 1 km $= 1000$ m
11 km $= 11 \times 1000$
$= 11{,}000$ m
$= 11{,}000 + 60$
$= 11060$ m

(h) 1 km $= 1000$ m
11 km $= 11 \times 1000$
$= 11{,}000$ m
$= 11{,}000 + 524$
$= 11524$ m

3. Convert in to centimeter:

(a) 1 m $= 100$ cm
6 m $= 6 \times 100 = 600$ cm

(b) 1m $= 100$ cm
9 m $= 9 \times 100 = 900$ cm

(c) 1 m $= 100$ cm
11 m $= 11 \times 100 = 1100$ cm

(d) 1 m $= 100$ cm
6 m $= 6 \times 100 = 600$ cm

(e) 1 m $= 100$ cm
51 m $= 51 \times 100 = 5100$ cm

(f) 1 m $= 100$ cm
3 m $= 3 \times 100$
$= 300$ cm $+ 6$ cm
$= 306$ cm

(g) 1 m $= 100$ cm
11 m $= 1100$
$= 1100$ cm $+ 26$ cm
$= 1126$ cm

(h) 1 m $= 100$ cm
116 m $= 116 \times 100$
$= 11600$ cm $+ 51$ cm
$= 11651$ cm

4. Arrange in increasing order centimeter, meter, kilometer:

5. Fill in the blanks:

Exercise 11.3

1. Convert in to kilometer:

(a) $1\text{ m} = \frac{1}{1000}\text{ km}$

$6000\text{ m} = \frac{6000}{1000}\text{ km} = 6\text{ km}$

(b) $1\text{ m} = \frac{1}{1000}\text{ km}$

$3000\text{ m} = \frac{3000}{1000}\text{ km} = 3\text{ km}$

(c) $1\text{ m} = \frac{1}{1000}\text{ km}$

$8000\text{ m} = \frac{8000}{1000}\text{ km} = 8\text{ km}$

(d) $1\text{ m} = \frac{1}{1000}\text{ km}$

$11000\text{ m} = \frac{11000}{1000}\text{ km} = 11\text{ km}$

(e) $1\text{ m} = \frac{1}{1000}\text{ km}$

$9296\text{ m} = \frac{9296}{1000}\text{ km} = 9.296\text{ km}$

(f) $1\text{ m} = \frac{1}{1000}\text{ km}$

$7786\text{ m} = \frac{7786}{1000}\text{ km} = 7.786\text{ km}$

(g) $1\text{ m} = \frac{1}{1000}\text{ km}$

$5677\text{ m} = \frac{5677}{1000}\text{ km} = 5.677\text{ km}$

(h) $1\text{ m} = \frac{1}{1000}\text{ km}$

$2041\text{ m} = \frac{2041}{1000}\text{ km} = 2.041\text{ km}$

1. Convert in to meters:

(a) $1\text{ cm} = \frac{1}{100}\text{ m}$

$500\text{ cm} = \frac{500}{100}\text{ m} = 5\text{ m}$

(b) $1\text{ cm} = \frac{1}{100}\text{ m}$

$700\text{ cm} = \frac{700}{100}\text{ m} = 7\text{ m}$

(c) $1\text{ cm} = \frac{1}{100}\text{ m}$

$900\text{ cm} = \frac{900}{100}\text{ m} = 9\text{ m}$

(d) $1\text{ cm} = \frac{1}{100}\text{ m}$

$1000\text{ cm} = \frac{1000}{100}\text{ m} = 10\text{ m}$

(e) $1\text{ cm} = \frac{1}{100}\text{ m}$

$586\text{ cm} = \frac{586}{100}\text{ m} = 5.86\text{ m}$

(f) $1\text{ cm} = \frac{1}{100}\text{ m}$

$777\text{ cm} = \frac{777}{100}\text{ m} = 7.77\text{ m}$

(g) $1\text{ cm} = \frac{1}{100}\text{ m}$

$984\text{ cm} = \frac{984}{100}\text{ m} = 9.84\text{ m}$

(h) $1\text{ cm} = \frac{1}{100}\text{ m}$

$2052\text{ cm} = \frac{2052}{100}\text{ m} = 20.52$

Exercise 11.4

1. Add the following:

(a)

m	cm
16	36
+ 19	73
36	09

(b)

m	cm
31	07
+ 56	86
87	93

(c)

m	cm
136	51
+ 36	28
127	79

(d)

m	cm
79	30
+ 82	88
162	18

(e)

m	cm
13	26
16	63
+ 18	54
48	43

(f)

m	cm
30	52
52	28
+ 26	65
109	45

(g)

m	cm
46	85
25	84
+ 02	35
48	04

(h)

m	cm
163	00
168	60
+ 123	52
109	12

(i)

m	cm
33	211
46	165
+ 54	486
133	862

(j)

km	m
128	135
135	128
+ 35	010
298	273

(k)

km	m
216	045
168	165
+ 220	010
604	464

(l)

km	m
825	786
435	876
+ 366	678
1428	340

2. Arrange in columns and add:

(a) 35 m 16 cm, 14 m and 71 m 50 cm

m	cm
35	16
14	00
+ 71	50
120	66

(b)

m	cm
131	40
161	27
+ 225	65
518	32

(c)

km	m
49	5
28	8
+ 30	72
107	85

(d)

km	m
136	63
216	46
+ 163	71
561	80

Exercise 11.5

1. Subtract the following:

(a)

m	cm
63	09
– 16	89
46	20

(b)

m	cm
161	01
– 69	05
92	96

(c)

m	cm
173	29
– 46	38
126	91

(d)

m	cm
556	66
– 138	47
418	19

(e)

m	cm
908	29
– 99	38
808	91

(f)

km	m
260	271
– 126	786
133	485

(g)

km	m
626	073
– 234	195
392	878

(h)

km	m
129	000
– 45	295
84	805

(i)

m	cm
908	29
– 199	38
809	81

(j)

km	m
360	271
– 226	786
143	485

(k)

km	m
626	473
– 234	195
392	278

(l)

km	m
729	000
– 145	295
584	705

2. Arrange in columns and add:

(a)

m	cm
56	29
– 40	75
15	54

(b)

m	cm
126	00
– 58	68
68	32

(c)

km	m
266	70
– 129	57
137	13

(d)

km	m
524	000
– 167	267
357	733

(e)

km	m
1000	000
– 855	549
144	451

Exercise 11.6

1. Convert the following in to grams:

(a) 1 kg = 1000 gm
3 kg = 3 × 1000 = 3000 gm

(b) 1 kg = 1000 gm
6 kg = 6 × 1000 = 6000 gm

(c) 1 kg = 1000 gm
11 kg = 11 × 1000
= 11000 gm

(d) 1 kg = 1000 gm
16 kg = 16 × 16000
= 16000 gm

(e) 1 kg = 1000 gm
22 kg = 22 × 22000
= 22000 gm

(f) 1 kg = 1000 gm
2 kg = 2 × 1000 = 2000 gm
20000 gm + 22 = 2022 gm

(g) 1 kg = 1000 gm
6 kg = 6 × 1000 = 6000 gm
6000 gm + 786 gm = 6786 gm

(h) 1 kg = 1000 gm
16 kg = 16 × 1000
= 16000 gm
16000 gm + 27 gm = 16027 gm

(i) 1 kg = 1000 gm
16 kg = 16 × 1000
= 16000 gm
16000 gm + 6 gm = 16006 gm

(j) 1 kg = 1000 gm
11 kg = 11 × 1000
= 11000 gm
11000 gm + 110 gm
= 11100 gm

2. Convert the following in to kilograms and grams:

(a) 1 gm = $\frac{1}{1000}$ kg
8000 gm = $\frac{8000}{1000}$ = 8 kg

(b) 1 gm = $\frac{1}{1000}$ kg
5867 gm = $\frac{5867}{1000}$ = 5 kg 867 gm

(c) 1 gm = $\frac{1}{1000}$ kg
7364 gm = $\frac{7364}{1000}$ = 7 kg 364 gm

(d) 1 gm = $\frac{1}{1000}$ kg
2060 gm = $\frac{2060}{1000}$ = 2 kg 60 gm

(e) 1 gm = $\frac{1}{1000}$ kg
1042 gm = $\frac{1042}{1000}$ = 1 kg 42 gm

(f) 1 gm = $\frac{1}{1000}$ kg
6370 gm = $\frac{6370}{1000}$ = 6 kg 370 gm

(g) 1 gm = $\frac{1}{1000}$ kg
4006 gm = $\frac{4006}{1000}$ = 4 kg 006 gm

(h) 1 gm = $\frac{1}{1000}$ kg
3870 gm = $\frac{3870}{1000}$ = 3 kg 870 gm

(i) $1\text{ gm} = \frac{1}{1000}\text{ kg}$

$7000\text{ gm} = \frac{7000}{1000} = 7\text{ kg}$

(j) $1\text{ gm} = \frac{1}{1000}\text{ kg}$

$3852\text{ gm} = \frac{3852}{1000} = 3\text{ kg } 852\text{ gm}$

Exercise 11.7

1. Add the following:

(a)

kg	g
250	675
+ 125	295
375	970

(b)

kg	g
128	250
+78	750
207	000

(c)

kg	g
250	000
+725	982
975	982

(d)

kg	g
645	005
+282	575
927	580

(e)

kg	g
143	750
28	250
+ 65	215
237	215

(f)

kg	g
543	325
29	200
+ 6	645
579	170

(g)

kg	g
200	250
40	814
+ 125	205
366	269

(h)

kg	g
262	080
11	799
+ 9	545
183	424

2. Arrange in columns and add:

(a)

kg	g
54	000
65	280
+ 98	157
217	437

(b)

kg	g
72	500
128	786
+000	625
401	901

(c)

kg	g
000	128
062	000
+ 925	455
987	583

(d)

kg	g
925	752
120	255
+225	200
1271	207

Exercise 11.8

1. Subtract the following:

(a)

kg	g
45	750
– 17	975
27	775

(b)

kg	g
58	150
– 42	475
15	675

(c)

kg	g
70	200
– 15	650
64	550

(d)

kg	g
44	650
– 33	475
11	175

(e)

kg	g
925	000
– 229	500
695	500

(f)

kg	g
715	750
– 162	378
553	372

(g)

kg	g
325	005
– 24	177
301	828

(h)

kg	g
416	000
– 47	250
368	750

2. Arrange in columns and subtract:

(a)

kg	g
4000	000
– 1880	655
3119	345

(b)

kg	g
40	150
– 14	225
25	925

(c)

kg	g
422	60
– 28	00
14	60

(d)

kg	g
1350	25
– 1225	05
125	20

Exercise 11.9

1. Convert in to millimeters:

(a) $1\,l = 1000\,ml$

$2\,l = 2 \times 1000\,ml = 2000\,ml$

(b) $1\,l = 1000\,ml$

$7\,l = 7 \times 1000\,ml = 700\,ml$

(c) $1\,l = 1000\,ml$

$10\,l = 10 \times 1000\,ml = 10000\,ml$

(d) $1\,l = 1000\,ml$

$20\,l = 20 \times 1000\,ml = 20000\,ml$

(e) $1\,l = 1000\,ml$

$12\,l = 12 \times 1000\,ml = 12000\,ml$

(f) $1\,l = 1000\,ml$

$3\,l = 3 \times 1000\,ml = 3000\,ml$

$3000\,ml + 50\,ml = 3050\,ml$

(g) $1\,l = 1000\,ml$

$5\,l = 5 \times 1000\,ml = 5000\,ml$

$5000\,ml + 100\,ml = 5100\,ml$

(h) $1\,l = 1000\,ml$

$6\,l = 6 \times 1000\,ml = 6000\,ml$

$6000\,ml + 250\,ml = 6250\,ml$

(i) $1\,l = 1000\,ml$

$8\,l = 8 \times 1000\,ml = 8000\,ml$

$8000\,ml + 5\,ml = 8005\,ml$

(j) $1\,l = 1000\,ml$

$5\,l = 5 \times 1000\,ml = 5000\,ml$

$5000\,ml + 25\,ml = 5025\,ml$

2. Convert in to liters:

(a) $1\,ml = \frac{1}{1000}\,l$

$2000\,ml = \frac{2000}{1000} = 2\,l$

(b) $1\,ml = \frac{1}{1000}\,l$

$3000\,ml = \frac{3000}{1000} = 3\,l$

(c) $1\,ml = \frac{1}{1000}\,l$

$7000\,ml = \frac{7000}{1000} = 7\,l$

(d) $1\,ml = \frac{1}{1000}\,l$

$1000\,ml = \frac{1000}{1000} = 1\,l$

(e) $1\,ml = \frac{1}{1000}\,l$

$3728\,ml = \frac{1000}{1000} = 3.728$

$= 3l\ 728\,ml$

(f) $1\,ml = \frac{1}{1000}\,l$

$3825\,ml = \frac{3825}{1000} = 3.825$

$= 3l\ 825ml$

(g) $1\,ml = \frac{1}{1000}\,l$

$9562\,ml = \frac{2000}{1000} = 9.562$

$= 9l\ 562\,ml$

(h) $1\,ml = \frac{1}{1000}\,l$

$8500\,ml = \frac{8500}{1000} = 8l\ 500\,ml$

(i) $1\,ml = \frac{1}{1000}\,l$

$7786\,ml = \frac{7786}{1000} = 7.786\,l$

$= 7l\ 786\,ml$

(j) $1\,ml = \frac{1}{1000}\,l$

$3005\,ml = \frac{3005}{1000} = 3.005\,l$

$= 3l\ 005\,ml$

Exercise 11.10

1. Add the following:

(a)

	l	*ml*
	44	500
+	18	957
	62	775

(b)

	l	*ml*
	36	059
+	24	728
	60	787

(c)

	l	*ml*
	754	755
+	58	245
	813	000

(d)

	l	*ml*
	350	500
+	145	957
	496	457

(e)

	l	*ml*
	125	145
	228	205
+	315	756
	669	106

(f)

	l	*ml*
	450	005
	218	575
+	714	225
	1382	805

(g)

	l	*ml*
	325	250
	128	451
+	122	250
	575	951

(h)

	l	*ml*
	645	625
	125	425
+	19	250
	790	200

2. Arrange in columns and Add:

(a)

l	*ml*
620	251
425	150
+ 000	525
1045	926

(b)

l	*ml*
425	5
175	17
+ 362	525
962	547

(c)

l	*ml*
1280	128
115	27
+ 12	00
1407	155

(d)

l	*ml*
1425	000
225	000
+000	880
1650	880

Exercise 11.11

1. Subtract the following:

(a)

l	*ml*
45	235
– 18	123
27	112

(b)

l	*ml*
35	625
– 29	150
6	475

(c)

l	*ml*
75	005
– 53	321
19	684

(d)

l	*ml*
85	700
– 25	495
60	305

(e)

l	*ml*
425	625
– 285	497
140	127

(f)

l	*ml*
686	225
– 289	476
397	749

(g)

l	*ml*
680	600
– 320	857
369	743

(h)

l	*ml*
320	000
– 350	275
279	725

2. Arrange in columns and subtract:

(a)

l	*ml*
148	000
– 135	625
13	375

(b)

l	*ml*
762	250
– 425	500
336	750

(c)

l	*ml*
4	0000
– 0	1600
3	8400

(d)

l	*ml*
1500	006
– 1425	925
175	081

Exercise 11.12

Solve the following words problems:

1. Rekha's trousers = 2 m
And for her dress = + 5 m
7 m

Thus, the total length of cloth = 7 m

2. Akshat travels everyday = 8 500
Amit travels = – 15 000
13 500

Thus, Amit travels = 13 km 500m more.

3. Diksha's water bottle = 1 000
After she drank = – 0 175
0 825

Thus, water was left in her water bottle = 825 ml

4. Weight of 1 book = 320 gm
Weight of 2nd book = + 680 gm
1000 gm

Thus, the total weight of both books = 1000 gm

	km	m
5. Sneha wacked =	5	500
Seema wacked =	– 4	200
	1	300

Thus, Reena walk 1 m 300 m than Seema

	m	cm
6. Height of sun apartment =	30	75
Height of star apartment=	–17	18
	13	57

Thus, the difference between two buildings = 13 m 57 cm

	kg	g
7. Total weight of vegetables	75	200
And weight of potato =	– 35	500
	40	700

Thus the weight of cauliflower = 40 kg 700 g

8. Aditi traveled

	km	m
By Rickshaw =	500	00
By train =	200	125
By bus =	+ 5	500
	705	625

Thus the total distance covered by Aditi 705 km 625 m

9.

	kg	g
Weight of brinjal =	2	0
Weight of cauliflower =	1	500
Weight of tomatoes =	0	500
Weight of green chills =	+ 0	100
	3	600

Thus the total weight of vegetable = 3 kg 600 gm

10.

	m	cm
Length of red ribbon =	18	60
Length of blue ribbon =	+ 24	30
	42	90

Thus, the total length of ribbon = 42 m 90 cm

Blue ribbon is greater then red ribbon. And the blue ribbon is = 15 m 70 cm

Greater than red ribbon.

11.

	kg	g
Weight of Rahul =	61	500
He last his weight =	+	200
	57	300

Thus the weight of Rahul = 57 kg 300 g

12. Weight of three girls = 45kg 200 g, 40 kg 500 g,

So the total weight of three girls = 45 kg + 200 gm + 40 kg 500 g

kg	gm
45	200
35	000
+ 40	500
120	700

Thus the weight of all three girls = 120 kg 700 gm

Chapter-12

Exercise 12.1

1. Write the following amounts in words:

(a) Rupees eleven and paise seventy

(b) Rupees eight six and paise seventy five

(c) Rupees one thousand eighteen and paise eighty five

(d) Rupees nine hundred one and paise fifty

2. Write the following amounts its figure:

(a) 6.26 (b) 18.60 (c) 128.35 (d) 280.50

Exercise 12.2

1. Convert each of the following in to paise:

(a) ₹1 = 100 paise

₹3 = 3 × 100 paise = 300 paise

(b) ₹6 = 6 × 100 paise

= 600 paise

(c) ₹20.75 = 20.75 × 100 paise

= 2075 paise

(d) ₹6.75 = 6.75 × 100 paise

= 675 paise

(e) ₹16.70 = 16.70 × 100 paise

= 1670 paise

(f) ₹26.85 = 26.85 × 100 paise

= 2685 paise

(g) ₹46.80 = 46.80 × 100 paise

= 4680 paise

(h) ₹60.70 = 60.70 × 100 paise

= 6070 paise

2. Convert each of the following in to Rupees:

(a) $1\text{ p} = ₹\frac{1}{100}$

$185\text{ p} = ₹\frac{185}{100} = ₹1.85$

(b) $1\text{ p} = ₹\frac{1}{100}$

$370\text{ p} = ₹\frac{370}{100} = ₹3.70$

(c) $1\text{ p} = ₹\frac{1}{100}$

$215\text{ p} = ₹\frac{215}{100} = ₹2.15$

(d) 1 p = ₹ $\frac{1}{100}$

520 p = ₹ $\frac{520}{100}$ = ₹5.20

(e) 1 p = ₹ $\frac{1}{100}$

650 p = ₹ $\frac{650}{100}$ = ₹6.50

(f) 1 p = ₹ $\frac{1}{100}$

965 p = ₹ $\frac{965}{100}$ = ₹9.65

(g) 1 p = ₹ $\frac{1}{100}$

813 p = ₹ $\frac{813}{100}$ = ₹8.13

(h) 1 p = ₹ $\frac{1}{100}$

2017 p = ₹ $\frac{2017}{100}$ = ₹20.17

3. Write the following amount in figure and them convert in to paise:

(a) 3.40 = 340 paise
(b) 8.50 = 850 paise
(c) 19.65 = 1965 paise
(d) 30.85 = 3085 paise
(e) 30.20 = 3020 paise
(f) 46.25 = 4625 paise

Exercise 12.3

1. Add the following:

(a)

₹	P
18	55
+ 24	70
43	25

(b)

₹	P
25	85
+ 17	45
43	30

(c)

₹	P
129	27
+ 58	30
187	57

(d)

₹	P
545	55
+ 348	75
894	30

(e)

₹	P
147	25
253	30
+ 130	75
531	30

(f)

₹	P
365	50
170	25
+ 89	75
625	50

(g)

₹	P
535	90
320	45
+ 145	55
1001	80

(h)

₹	P
495	08
800	95
+ 315	70
1611	73

2. Arrange in columns and Add:

(a)

₹ 16	. 50
₹ 218	. 25
+ ₹ 625	. 00
859	. 75

(b)

₹ 15	. 10
₹ 38	. 50
+ ₹155	. 55
209	. 15

(c)

₹ 30	. 25
₹ 50	. 58
+ ₹ 258	. 77
339	. 60

(d)

₹ 135	. 70
₹ 66	. 85
+ ₹ 50	. 95
253	. 50

Exercise 12.4

1. Subtract the following:

(a)

₹	P
16	46
– 8	38
8	08

(b)

₹	P
28	09
– 14	38
13	71

(c)

₹	P
59	00
– 23	68
26	32

(d)

₹	P
148	25
– 49	68
99	57

(e)

₹	P
252	50
– 148	84
103	66

(f)

₹	P
553	74
– 215	84
237	90

(g)

₹	P
645	00
– 58	98
587	02

(h)

₹	P
187	25
– 29	78
157	47

2. Arrange in columns and subtract:

(a)

₹	P
22	00
– 16	6
6	94

(b)

₹	P
62	24
– 29	19
33	05

(c)

₹	P
51	6
– 36	26
15	20

(d)

₹	P
79	3
– 42	3
37	0

(e)

₹	P
51	6
– 36	26
15	20

Exercise 12.5

1. Multiply the following:

(a)

₹	P
53	52
	× 6
429	12

(b)

₹	P
26	26
	× 7
183	82

(c)

₹	P
46	34
	× 9
417	06

(d)

₹	P
53	72
	× 8
429	78

(e)

₹	P
252	50
	× 5
1262	50

(f)

₹	P
553	74
	× 4
2214	96

(g)

₹	P
645	00
	× 3
1935	00

(h)

₹	P
187	25
	× 2
374	50

2. Multiply each of the following:

(a)

₹	P
34	15
	× 9
307	00

(b)

₹	P
43	70
	× 8
349	60

(c)

₹	P
62	55
	× 7
437	85

(d)

₹	P
87	05
	× 9
522	30

(e)

₹	P
105	20
	× 5
526	00

(f)

₹	P
155	15
	× 4
621	00

(g)

₹	P
203	00
	× 3
609	00

(h)

₹	P
253	25
	× 2
506	50

Exercise 12.6

1. Divide the following:

(a) 9)117(13
9↓
27
27
0

(b) 4)188(47
16↓
28
28
0

(c) 5)775(155
5↓
27
27↓
25
25
0

(d) 8)504(63
48↓
24
24
0

(e) 2)1184(155
10↓
18
18↓
4
4
0

(f) 3)8814(2938
6↓
28
27↓
11
9↓
24
24
×

Exercise 12.7

Solve the following word problems:

1.

	₹	P
Cost price of toy =	85	75
Cost price of ball =	+ 25	55
He spend money to all =	111	30

Thus he spend money at all ₹ 111 30 p

2. Ananya deposited ₹ for her admission = 167 . 50
Amount of books= 155 . 75
Amount of notebook = + 350 . 00
She spend money at all = 673 . 25

Thus she spend money 673 ₹ 25P

3. Cost of a book = 54 30
Cost of a copy = − 21 50
32 90

Book is costly than the copy for ₹ 3290 P

4. Pooja has money = 995 . 00
Seema has money = + 525 . 20
469 . 80

Pooja has ₹ 469.80P more money than Seema

5. Cost price of basket ball = 412 60
Cost of 8 basket ball = × 8
3300 . 80

Thus the cost of 8 basket balls ₹ 3300.80 P

6. A cost of tea-set cost = 425 . 55
The cost of 6 set = × 6
2553 . 30

Thus the cost 6 sets = ₹ 2553.30P

7. The tuition fee of 9 children = ₹ 8126
Fee of 1 children ₹ 8126 ÷ 9 = ₹203
Thus, the fees of 1 children = ₹203

8. The cost of 8 bowl sets = ₹1848
Cost of 1 bowl set = ₹1848 ÷ 8 = ₹231
Thus the cost of 1 bowl set = ₹231

9. The cost of 4 book = ₹55.70, ₹ 80.50, ₹75.50, ₹65.25
Total cost of all 4 books =

	₹	P
	55	70
	80	50
	75	50
	+ 65	25
	276	95

Thus the total cost of all books = ₹ 276 95P

Geeta gave money to shopkeeper = ₹ 400 00P

She will get back money = (₹400.00 − 576.95) = ₹124.05

10. The cost of 1 ticket show = 475 . 50
The cost of 3 ticket = × 3
1426 . 50

Thus the cost of 3 ticket = ₹ 1426.50

Chapter-13

Exercise 13.1

1. **Look at the clock and write the time in given boxes:**
(a) 2:00 (b) 8:00 (c) 6:00 (d) 12:00

1. **Draw the hands to represent the given time:**

(a)


(b)


(c)


(d)


2. **Write the position of hour hand and minute hand for the following time:**

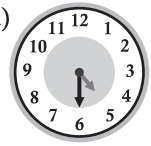
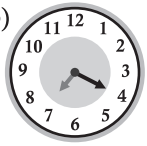
S.N.	Time	hand	Min.
(a)	12 o'clock	2	12
(b)	4 o'clock	6	12
(c)	8 o'clock	10	12
(d)	10 o'clock	12	12
(e)	1 o'clock	4	12
(f)	6 o'clock	5	12

Exercise 13.2

1. **Read the time and write in to ways in the given boxes:**

(a) 2:20, 20 minute past 1
(b) 5:10, 10 minute past 5
(c) 9:10, 10 minute past 9
(d) 6:25, 25 minute past 6

2. **Draw the hands to represent the given:**

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

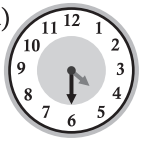
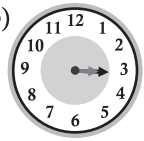
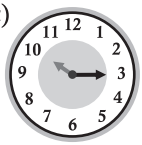
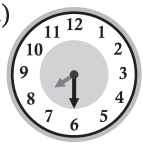
3. **Write the position of hour hand and minute hand at the given time:**

S. No	Time	hand	Minute
(a)	3:40	3	8
(b)	2:20	2	4
(c)	5:10	5	2
(d)	6:30	6	6
(e)	8:15	8	3

Exercise 13.3

1. **Read the time and represent in two ways:**
(a) 7:15, 15 minute past 7
(b) 9:30, 30 minute past 9
(c) 3:45, 45 minute past 3
(d) 11:45, 45 minute past 11

2. **Draw the hands of the clock showing the given time:**

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

3. **Write the position of minute hand and hour hand:**

Time	Hour hand	Min hand
(a) Half past 7	3	8
(b) Quarter past 10	2	4
(c) Half past 9	5	2
(d) Quarter to 5	6	6
(e) 25 minutes 8	8	2

Exercise 13.4

1. **Tick the correct choice:**
(a) AM (b) PM (c) PM (d) AM (e) PM (f) PM

2. **Write the time using AM and PM:**
(a) PM (b) AM (c) PM (d) PM (e) PM (f) AM

Exercise 13.5

1. **Convert in to hours:**

(a) 1 day = 24 hours
3 days = 3 × 24 hours
= 72 hours
(b) 1 day = 24 hours
5 days = 5 × 24 hours
= 110 hours
(c) 1 day = 24 hours
7 days = 7 × 24 hours
= 168 hours
(d) 1 day = 24 hours
10 days = 10 × 24 hours
= 240 hours
(e) 1 day = 24 hours
So, 24 hours + 6 hours
= 30 hours
(f) 1 day = 24 hours
2 days = 24 × 2 hours
So, 84 hours + 10 hours
= 58 hours
(g) 1 day = 24 hours
3 days = 24 × 3 hours

So, 72 hours + 5 hours
= 77 hours

(h) 1 day = 24 hours
4 days = 24 × 4 hours
So, 96 hours + 20 hours
= 116 hours

2. Convert in to minutes:

(a) 1 hours = 60 min
2 hours = 2 × 60 = 120 min

(b) 1 hours = 60 min
4 hours = 4 × 60 = 240 min

(c) 1 hours = 60 min
5 hours = 5 × 60 = 300 min

(d) 1 hours = 60 min
6 hours = 6 × 60 = 360 min

(e) 1 hours = 60 min
2 hours = 2 × 60 = 120 min
So, 120 min + 29 + min = 149

(f) 1 hours = 60 min
4 hours = 4 × 60 = 120 min
So, 240 min + 30 + min = 270

(g) 1 hours = 60 min
5 hours = 5 × 60 = 300 min
So, 300 min + 5 + min = 305

(h) 1 hours = 60 min
2 hours = 2 × 60 = 120 min
So, 120 min + 50 + min = 170

3. Put the (tick) on the correct option:

(a) 15 minutes (b) 20 minutes
(c) 10 minutes (d) 5 hours
(e) 2 hours (f) 30 minutes

Exercise 13.6

1. Write 'O' for ordinary year and l for leap year:

(a) O (b) L (c) O (d) L (e) L (f) O (g) L (h) O

2. Write the number of days in february of the following years:

(a) 28 (b) 29 (c) 29 (d) 28 (e) 29 (f) 28 (g) 28 (h) 28

3. Fill in the blanks:

(a) Monday (b) January (c) Sunday (d) December (e) 29

Exercise 13.7

1. Write the following dates by using the name of months:

(a) 26 january 1950 (b) 14 april 1958 (c) 15 august 2011 (d) 5 september 2012 (e) 2 october 2015

2. Write the following dates in numerals:

(a) 5 - 03 - 2005 (b) 18 - 05 - 2010
(c) 10 - 12 - 2013 (d) 10 - 10 - 2013
(e) 22 - 7 - 2022

3. Write the national festival of India in bath formats of dates of current year:

Festival	Numeral Date	Date with Months
Independence Day	15.08.year	August 15
Gandhi Jayante	02.10.year	October 2
Republic Day	26.01.year	January 26

Exercise 13.8

1. Find the duration between:

(a) 12 o'clock to 1 PM = 1 Hour
1 PM to 8 PM = 7 Hours
So, time duration between 12 o'clock to 8 PM = 8 Hours

(b) 12:00 noon to 1 PM = 1 Hour
1:00 PM to 3 PM = 2 Hours
3 PM to 3:30 PM = hours
So, time between 12:00 noon to 3:30 PM = 3 Hours 30 minutes

(c) 4 PM to 7 PM = 3 hours
7 PM to 7:30 PM = 30 min
So, time between 4:00 PM to 7:30 = 3 hours 30 minutes

(d) 6 PM ro 11 PM = 5 hours
11 PM to 12 AM = 1 hour

12 AM to 3 AM = 2 hours

So, time between 6:00 PM to 3:00 AM = 8 hours

(e) 8:00 AM to 8:00 PM = 12 hrs

(f) 7:00 AM to 12 PM = 5 hours

12 PM to 12:30 PM = 30 minutes

So, time between 6:00 PM to 3:00 PM = 5 hours 30 minutes

2. Started time = 7:30 PM

Over time = 11:15 PM

So, time between 7:30 PM to 11:15 PM = 3 hours 45 minutes

3. 8:00 AM, 1 PM = 5 hours

4. Started time from Delhi = 5 AM

Reached time at Mumbai = 6 AM (next day)

Total time period = 13 hours

Chapter-14

Exercise 14.1

1.

Colour	1 Colour = 2 student
Red	
Green	
White	
Black	
Yellow	
Blue	
Gray	

2.

Player	= 2 people
Sachin	
Dhoni	
Zaheer	
Praveen	
Kohli	
Pujara	

3.

Fruits	1 = 2 fruits
Banana	
Mongo	
Lichi	
Apple	
Orange	
Pineapple	

4.

Colddrink	1 = 5 bottles
Coke	
Limca	
Fanta	
Thumsup	
7up	
Sprite	

5.

Run	1 = 2 ball 1△= 1 ball
0	
1	
2	△
3	
4	
5	

Exercise 14.2

1. Complete the table

Movie	Tally mark	Number
Comedy	卌 卌 ||	12
Action	卌 |||	8
Cartoon	卌 卌 ||||	14
Musical	卌 卌 卌	15
Horror	||||	3

2.

Player	Number	Tally mark
Sachin	35	卌 卌 卌 卌 卌 卌 卌
Rahul	28	卌 卌 卌 卌 卌 |||
Kohli	24	卌 卌 卌 卌 ||||
Dhoni	32	卌 卌 卌 卌 卌 卌 ||
Praveen	20	卌 卌 卌 卌

3.

Fruits	Tally mark	Number
Apple	卌 ||	7
Banana	卌 卌 ||	12
Grapes	卌 卌 |	11
Mango	卌 卌 卌 卌 |	21
Orange	卌 卌 卌 卌	20
Pine apple	卌 卌 卌 卌 卌 卌 ||	32

4. Sports Badminton = cricket
Football, Tennis, Hockey

Badminton 

Cricket 

Football 

Tennis 

Hockey 

5. (a) Jasmine, 12 (b) Daisy, 4

(c) Sunflower = 8, Marigold = 6
Total flower 8 + 6 = 14

(d) Total plant in nursery = 37

(e) Various plant in nursery

6. (a) Green color is must favorite color = 48 students

(b) Blue is least favorite color 18 students (c) 36 students (d) 222 students

(e) Choice of color of students

7. (a) English (b) G.K (c) No one (d) 250 + 350 + 400 + 200 + 100 = 13,000