2. Shopkeeper earn daily ₹ 1250

Number of days 8 days

Shopkeeper earn in 8 days 1250 8

₹ 10000

	Th	H	T	O
₹	1	2	5	0
			×	8
₹ 1	0	0	0	0

Thus, shopkeeper earn ₹ 10000 in 8 days.

3. Number of people can sit in a bus 48

Number of people can sit in 76 buses 48 76

3648

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

Thus, 3648 people can sit in 76 buses.

4. Number of pages a newspaper have 28

Newspaper collected by Vijay in 45 days 45 28

1260

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

Thus, Vijay has 1260 pages.

5. Number of boxes 242

Number of apples in each boxes 15

Number of apples in all boxes 242 15

3630

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

Thus, there are 3630 apples in 242 boxes.

6. Number of bags of rice in a track 257

Rice in each bag 32 kg

Rice in all bags 257 32 kg

8224 kg

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

Thus, 8224 kg weight of rice in 257 bags.

MCQ's

1. a **2.**b **3.** a **4.** b

Worksheet

1. (d) **2.** (e) **3.** (f) **4.** (c) **5.** (a) **6.** (b)

7. Division

Exercise 7.1

1. There will be **4** balls in each box.

2. a. 18 ÷ 6 = **3** b. 20 ÷ 4 = **5**

c. 16 ÷ 2 = **8** d. 15 ÷ 3 = **5**

3. a.

1	2
—	6
	6
—	6
	0
2	

$12 \div 6 = 3$

b.

2	7
—	9
1	8
—	9
	9
—	9
	0
3	

$27 \div 9 = 3$

c.

2	0
—	4
1	6
—	4
1	2
—	4
	8
—	4
	4
—	4
	0
5	

$20 \div 4 = 5$

d.

2	4
—	6
1	8
—	6
1	2
—	6
0	6
—	6
	0
4	

$24 \div 6 = 4$

Exercise 7.2

1. b. 14 7 2 14 2 7 c. 48 8 6 48 6 8

d. 18 9 2 18 2 9 e. 42 6 7 42 7 6

2. a. $28 \div 7 =$ **4** b. **40** $\div 5 = 8$ c. $30 \div$ **3** $= 10$

d. **72** $\div 8 = 9$ e. $63 \div$ **7** $= 9$ f. $56 \div$ **7** $= 8$

Exercise 7.3

a. $7 \div 1 =$**7** b. $0 \div 10 =$ **0** c. $2 \div 2 =$ **1**

d. $50 \div 1 =$ **50** e. $0 \div 98 =$ **0** f. $4 \div 4 =$ **1**

Exercise 7.4

1. a. divide 46 by 2

```
    23
2 ) 46
  – 4↓
    06
   – 6
     0
```

b. divide 44 by 4

```
    11
4 ) 44
  – 4↓
    04
   – 4
     0
```

c. divide 63 by 3

```
    21
3 ) 63
  – 6↓
    03
   – 3
     0
```

d. divide 96 by 3

```
    32
3 ) 96
  – 9↓
    06
   – 6
     0
```

e. divide 42 by 2

```
    21
2 ) 42
  – 4↓
    02
   – 2
     0
```

f. divide 88 by 4

```
    22
4 ) 88
  – 8↓
    08
   – 8
     0
```

g. divide 82 2

```
     41
2 ) 82
   – 8
    02
   – 2
     0
```

h. divide 99 by 3

```
     33
3 ) 99
   – 9
    09
   – 9
     0
```

i. divide 77 by 7

```
     11
7 ) 77
   – 7
    07
   – 7
     0
```

j. divide 69 by 3

```
     23
3 ) 69
   – 6
    09
   – 9
     0
```

k. divide 80 by 8

```
     10
8 ) 80
   – 8
    00
   – 0
     0
```

l. divide 99 by 9

```
     11
9 ) 99
   – 9
    09
   – 9
     0
```

2. a. 72 ÷ 4

```
     18
4 ) 72
   – 4
    32
   – 32
     0
```

Quotient = 18

b. 95 ÷ 5

```
     19
5 ) 95
   – 5
    45
   – 45
     0
```

Quotient = 19

c. 75 ÷ 3

```
     25
3 ) 75
   – 6
    15
   – 15
     0
```

Quotient = 25

d. 96 ÷ 4

```
     24
4 ) 96
   – 8
    16
   – 16
     0
```

Quotient = 24

e. 52 ÷ 2

```
     26
2 ) 52
   – 4
    12
   – 12
     0
```

Quotient = 26

f. 65 ÷ 5

```
     13
5 ) 65
   – 5
    15
   – 15
     0
```

Quotient = 13

g. 90 ÷ 5

```
     18
5 ) 90
   – 5
    40
   – 40
     0
```

Quotient = 18

h. 57 ÷ 3

```
     19
3 ) 57
   – 3
    27
   – 27
     0
```

Quotient = 19

i. 64 ÷ 4

```
     16
4 ) 64
   – 4
    24
   – 24
     0
```

Quotient = 16

j. 76 ÷ 2

```
     18
2 ) 76
   – 6
    16
   – 16
     0
```

Quotient = 18

k. 98 ÷ 7

```
     14
7 ) 98
   – 7
    28
   – 28
     0
```

Quotient = 14

l. 96 ÷ 8

```
     12
8 ) 96
   – 8
    16
   – 16
     0
```

Quotient = 12

Exercise 7.5

1. a. 555 ÷ 5

```
     111
5 ) 555
   – 5
    05
   – 5
    05
   –5
     0
```

Quotient = 111

b. 168 ÷ 2

```
     84
2 ) 168
   – 16
    08
   – 8
     0
```

Quotient = 84

c. 962 ÷ 2

```
     48
2 ) 962
   – 8
    16
   – 16
    02
   –2
     0
```

Quotient = 48

d. 408 ÷ 4

```
     102
4 ) 408
   – 4
    00
   – 0
    08
   –8
     0
```

Quotient = 102

e. 888 ÷ 8

```
     111
8 ) 888
   – 8
    08
   – 8
    08
   –8
     0
```

Quotient = 111

f. 660 ÷ 3

```
     220
3 ) 660
   – 6
    06
   – 6
    00
   –0
     0
```

Quotient = 220

g. 600 ÷ 6

```
     100
6 ) 600
   – 6
    00
   – 0
    00
   –0
     0
```

Quotient = 100

h. 286 ÷ 6

```
     143
2 ) 286
   – 2
    08
   – 8
    06
   –6
     0
```

Quotient = 143

2. a. 672 ÷ 3

```
     224
3 ) 672
   – 6
     07
    – 6
      12
     –12
       0
```

Quotient = 224

b. 984 ÷ 8

```
     123
8 ) 984
   – 8
     18
   – 16
      24
     –24
       0
```

Quotient = 123

c. 362 ÷ 2

```
     181
2 ) 362
   – 2
     16
   – 16
      02
     –02
       0
```

Quotient = 181

d. 784 ÷ 7

```
     112
7 ) 784
   – 7
     08
    – 7
      14
     –14
       0
```

Quotient = 112

e. 952 ÷ 4

```
     238
4 ) 952
   – 8
     15
   –12
      32
     –32
       0
```

Quotient = 238

f. 520 ÷ 2

```
     260
2 ) 520
   – 4
     12
   – 12
       0
     – 0
       0
```

Quotient = 260

g. 834 ÷ 6

```
     100
6 ) 600
   – 6
     00
   – 00
      00
     – 00
       0
```

Quotient = 100

h. 375 ÷ 5

```
     75
5 ) 375
   – 35
     25
   – 25
      0
```

Quotient = 75

Exercise 7.6

1. a.

```
     9
7 ) 65
   – 63
      2
```

Quotient = 9,
Remainder = 2
Check : Dividend = (Divisor × Quotient) + Remainder
65 (7 9) 2
65 65

b.

```
     5
4 ) 22
   – 20
      2
```

Quotient = 5
Remainder = 2
Check : Dividend = (Divisor × Quotent) + Remainder
22 (5 4) 2
22 22

c.

```
      9
5 ) 48
   – 45
     3
```

Quotient = 9,
Remainder = 3
Check : Dividend = (Divisor × Quotient) + Remainder
48 (9 5) 3
48 48

d.

```
      9
6 ) 56
   – 54
     2
```

Quotient = 9,
Remainder = 2
Check : Dividend = Divisor × Quotient + Remainder
56 (6 9) 2
56 56

e.

```
      23
2 ) 47
   – 4
     07
    – 6
      1
```

Quotient = 23,
Remainder = 1
Check : Dividend = Divisor × Quotient + Remainder
47 (2 23) 1
47 46

f.

```
      211
3 ) 635
   – 6
     03
    – 3
      05
     –3
       2
```

Quotient = 211,
Remainder = 2
Check : Dividend = Divisor × Quotient + Remainder
635 211 3 2
635 635

g.

```
      468
2 ) 927
   – 8
     12
   – 12
      07
     – 6
       1
```

Quotient = 463,
Remainder = 1
Check : Dividend = Division × Quotient + Remainder
927 (463 2) 1
927 927

h.

```
      101
4 ) 406
   – 4
     00
   – 00
      06
     – 4
       2
```

Quotient = 101,
Remainder = 2
Check : Dividend = Divisor × Quotient + Remainder
406 101 4 2
406 406

i.

```
     112
3 ) 337
   – 3
     03
   – 03
      07
     – 6
       1
```

Quotient = 112,
Remainder = 1
Check : Dividend = Divisor × Quotient + Remainder
337 112 3 1
337 337

j.

```
     111
5 ) 559
   – 5
     05
   – 05
      09
     – 5
       4
```

Quotient = 111,
Remainder = 5
Check : Dividend = Divisor × Quotient + Remainder
559 111 5 4
559 559

k.

```
     126
7 ) 888
   – 7
     18
   – 14
      48
     – 42
       6
```

Quotient = 126,
Remainder = 6
Check : Dividend = Division × Quotient + Remainder
888 126 7 6
888 888

l.

```
     212
4 ) 849
   – 8
     4
   – 4
      09
     – 8
       1
```

Quotient = 212,
Remainder = 1
Check : Dividend = Divisor × Quotient + Remainder
849 4 212 1
849 849

m.

```
     302
3 ) 907
   – 9
     00
   – 0
      07
     – 6
       1
```

Quotient 302,
Remainder = 1
Check : Dividend = Divisor × Quotient + Remainder
907 302 3 1
907 907

n.

```
     221
2 ) 443
   – 4
     04
    – 4
      03
      – 2
        1
```

Quotient = 443,
Remainder = 1
Check : Dividend = Divisor × Quotient + Remainder
443 2 221 1
443 443

o.

```
     111
6 ) 667
   – 6
     06
    – 6
      07
      – 6
        1
```

Quotient = 111,
Remainder = 1
Check : Dividend = Divisor × Quotient + Remainder
667 111 6 1
667 667

Exercise 7.7

	Division	Quotient	Remainder
a.	70 10	7	0
b.	85 10	8	5
c.	42 10	4	2
d.	300 10	30	2
e.	628 10	62	8
f.	520 10	52	0
g.	799 10	79	9
h.	808 10	80	8

Exercise 7.8

1. Total number of wheels 84
Number of wheels in each bicycles 2
Number of bicycles 84 2
42
So, 42 bicycles can be made using 84 wheels.

```
     42
2 ) 84
   – 8
     4
    – 4
      0
```

2. Total number of candles 60

Number of candles in a box 5

Number of boxes needed 60 5 12

So 12 boxes need.

```
    12
5 ) 60
   – 5
    10
   – 10
     0
```

3. Total exercise books 812

Exercise books are equally placed on 7 racks

Exercise books are there on each rack 812 7 116

So 116 exercises book placed on each rack.

```
     116
7 ) 812
   – 7
     11
    – 7
      42
    – 42
       0
```

4. Total number of sweets 169

Number of children 8

No. of sweets distributed 169 8

Quotient = 21, Remainder = 1

Thus Neena distributed 21 sweet each child and one sweet are left with her.

```
     21
8 ) 169
   – 16
     09
    – 8
      1
```

5. Total number of apples 672

Number of basket in all apples 6

Number of apples in each apples 672 6 112

Thus, 112 apples are there in each basket.

```
     112
6 ) 672
   – 6
     07
    – 6
      12
    – 12
       0
```

6. Labourer earn in a week ₹ 630

(1 week = 7 days)

He earn in a day ₹ 630 7 ₹ 90

Thus labourers earns ₹ 90 in a day.

```
     90
7 ) 630
   – 63
     00
    – 0
      0
```

MCQ's

1. b **2.** a **3.** a **4.** b.

Worksheet

Food items	Numberof people who want it	Number that each will get	Number of food items left
10	5	2	0
15	7	2	1
24	6	4	0
8	3	2	2
25	4	5	5
8	8	1	0
20	9	2	2

1. a. 496 + 342 = **838** b. 881 + 104 = **777** c. 297 + 669 = **966**
2. a. 600 – 452 = **148** b. 710 – 239 = **471** c. 801 – 357 = **444**
3. a. 73 × 95 = **6935** b. 28 × 42 = **1176** c. 67 × 13 = **871**

Activity in Maths Lab

Length of Rope	Cut into lengths	Numbers of Pieces
75 cm	5 cm	15
80 cm	8	10
110 cm	10	11
56 cm	7	8
100 cm	20	5

Formative Assessment-2

1. b **2.** a **3.** c **4.** b **5.** a **6.** a **7.** c **8.** a **9.** b **10.** a.

Summative Assessment-1

1. a. The smallest 4-digit number is **1000**.
b. The symbols I and X can be repeated **three** times.
c. 8486, rounded off to nearest 10 is **8480**.
d. 377 ÷ 10 gives = **37** as quotient and **7** as remainder.

2. a. Seven thousand six hundred ninety one.
b. Three thousand five hundred seventy.

3. a. 19 XIX b. 40 XL
c. 30 XXX d. 12 XII

4. a.

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

b.

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

5. a.

	Th	H	T	O
		8	18	17
	8	~~9~~	~~9~~	~~7~~
–	7	6	9	9
	1	2	9	8

b.

	Th	H	T	O
	5	9	9	10
	~~6~~	~~0~~	~~0~~	~~0~~
–	3	4	7	4
	2	5	2	6

6. a.

Th	H	T	O
	1	2	
	4	4	6
		×	4
1	7	8	4

b.

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

7. a.

```
        711
6 ) 42  66
  – 42
    0  6
     – 6
       06
      – 6
        0
```

Quotient = 711,
Remainder = 0

b.

```
       599
8 ) 4796
  – 40
     79
   – 72
     76
   – 72
      4
```

Quotient = 599,
Remainder = 4

8. Number of coconut trees 1928
Number of mango trees 2486
Total number of trees 2486 1928
4414

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

Number of trees fell down in a storm 1506
Number of trees remained standing 4414 1506
2908
Thus 2908 trees remained standing.

Th	H	T	O
4	4	1	4
– 1	5	0	6
2	9	0	8

9. Number of letter delivers in a day 235
Number of letter delivers in 18 day 235 18
4230

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

10. Total number of students 3260
Arrange themselves in rows = 5
Students in each row 3260 5 652
Thus 652 students are there in each row?

```
       652
5 ) 3260
  – 30
     26
   – 25
     10
   – 10
      0
```

8. Measurement

Exercise 8.1

a. The pencil box is as long as **7** clips.
b. The ruler is as long as **12** sharpners.
c. The crayon is as long as **4** eraser.

Exercise 8.2

1. a. 6 m (6 100) cm

(∵ 1 m = 100 cm)

= 600 cm

b. 20 m 86 cm (20 100) cm + 86 cm

(∵ 1 m = 100 cm)

= 2000 cm + 86 cm

= 2086 cm

c. 15 m 16 cm

(15 100) cm + 16 cm

(∵ 1 m = 100 cm)

= 1500 cm + 16 cm

= 1516 cm

d. 80 m 80 cm (80 100 cm + 80 cm)

(∵ 1 m = 100 cm)

= 8000 cm + 80 cm

= 8080 cm

e. 16 m 63 cm

(16 100) cm + 63 cm

(∵ 1 m = 100 cm)

= 1600 cm + 63 cm

= 1663 cm

f. 38 m 40 cm

(38 100) cm + 40 cm

(∵ 1 m = 100 cm)

3800 cm + 40 cm

3840 cm

2. a. 8 km (8 1000) m

(∵ 1 km = 1000 m)

= 8000 m

b. 5 km 180 m

(5 1000) m + 180 m

(∵ 1 km = 100 cm)

= 5180 m

c. 700 cm 700 $\frac{1}{100}$ m

∵ 1cm $\frac{1}{100}$ m

= 7 m

d. 500 cm 500 $\frac{1}{100}$ m

∵ 1cm $\frac{1}{100}$ m

= 5 m

e. 2 km 86 m

(2 1000) m + 86 m

(∵ 1 km = 1000 m)

= 2000 m + 86 m

= 2086 m

f. 4 km 670 m

4 (1000) m + 670 m

(∵ 1 km = 1000 m)

= 4000 m + 670 m

= 4670 m

3. a. 1860 cm = 1800 cm + 60 cm

(1800 100) cm + 60 cm

∵ 1cm $\frac{1}{100}$ m

= 18 m + 60 cm

= 18 m 60 cm

```
      18
100 ) 1860
     -100↓
      860
     - 800
       60
```

b. 4290 cm = 4200 cm + 90 cm

(4200 100) cm + 90 cm

∵ 1cm $\frac{1}{100}$ m

= 42 m + 90 cm

= 42 m 90 cm

```
      42
100 ) 4290
     -400↓
      290
     - 200
       90
```

c. 6430 cm = 6400 cm + 30 cm

(6400 100) m + 30 cm

$\because$ 1cm $\frac{1}{100}$ m

= 64 m + 30 cm

= 64 m 30 cm

```
      64
100 ) 6430
     -600↓
      430
     - 400
       30
```

d. 7065 cm = 7000 cm + 65 cm

(7000 100) m + 65 cm

$\because$ 1cm $\frac{1}{100}$ m

= 70 m + 65 cm

= 70 m 65 cm

```
      70
700 ) 7065
     -700↓
      065
     - 000
       65
```

e. 9835 cm = 9800 cm + 35 cm

(9800 100) m + 35 cm

$\because$ 1cm $\frac{1}{100}$ m

= 98 m + 35 cm

= 98 35 cm

```
      98
100 ) 9835
     - 900↓
      835
     - 800
       35
```

f. 1923 cm = 1900 cm + 23 cm

(1900 100) m + 23 cm

$\because$ 1cm $\frac{1}{100}$ m

= 19 m + 23 cm

= 19 m 23 cm

```
      19
100 ) 1923
     -100↓
      923
     - 900
       23
```

4. a. 5000 m

$\because$ 1m $\frac{1}{100}$ km

$\frac{5000}{1000}$ km = 5 km

b. 3000 m

$\because$ 1m $\frac{1}{100}$ km

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

c. 9000 m

$\because$ 1m $\frac{1}{100}$ km

$\frac{9000}{1000}$ km = 9 km

d. 8000 m

$\because$ 1m $\frac{1}{100}$ km

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

e. 7000 m

$\because$ 1m $\frac{1}{100}$ km

$\frac{7000}{1000}$ km = 7 km

f. 1000 m

$\because$ 1m $\frac{1}{100}$ km

$\frac{1000}{1000}$ km = 1 km

5. a. 9859 m = 9000 m + 859 m
(9000 1000) km + 859 m
9 km 859 m

```
        9
1000 ) 9859
     – 9000
       859
```

b. 7100 m = 7000 m + 100 m
(7000 1000) km + 100 m
= 7 km + 100 m
= 7 km 100 m

```
        7
1000 ) 7100
     – 7000
       100
```

c. 6003 m = 6000 m + 3 m
(6000 1000) km + 3 m
= 6 km + 3 m = 6 km 3 m

```
        6
1000 ) 6003
     – 6000
          3
```

d. 1030 m = 1000 m + 30 m
(1000 1000) km + 30 cm
= 1 km + 30 m = 1 km 30 m

```
        1
1000 ) 1030
     – 1000
         30
```

e. 6985 m = 6000 m + 985 m
(6000 1000) km + 985 m
= 6 km + 985 m = 6 km 985 m

```
        6
1000 ) 6985
     – 6000
       985
```

f. 2120 m = 2000 m + 120 m
(2000 1000) km + 120 m
= 2 km 120 m

```
        2
1000 ) 2120
     – 2000
       120
```

Exercise 8.3

1. a.

m	cm
93	53
+ 32	23
125	76

b.

m	cm
	1
144	38
+ 27	38
171	76

c.

m	cm
1	1 1
59	166
+28	338
87	504

2. a.

m	cm
9	28
– 3	16
6	12

b.

m	cm
	5 15
97	~~65~~
– 35	16
62	49

c.

m	cm
	6 12
16	3~~72~~
–13	128
3	244

3. a.

m	cm
1 1	1
66	36
+ 23	88
90	24

90 m 24 cm

b.

km	m
1 1	1 1
47	568
+55	768
103	336

103 km 336 m

c.

m	cm
1 1 1	1
36	28
258	83
+140	36
435	47

435 m 47 cm

d.

m	cm
1 1	1
286	48
+456	18
742	66

742 m 66 cm

4. a.

m	cm
5 17	14
~~6~~8	~~4~~5
– 2 9	6 0
3 8	8 5

38 m 85 cm

b.

m	cm
2 1615	4 18
3 ~~7~~3	5~~8~~
–2 8 9	2 9
8 6	2 9

86 m 29 cm

c.

m	cm
2 1514	1710
3 ~~6~~3	6~~0~~
–1 8 5	8 6
1 7 9	7 4

179 m 74 cm

d.

km	m
8 14	2 11
~~6~~8	4~~5~~
– 2 9	6 0
3 8	8 5

15 km 18 m

Exercise 8.4

1. a. 8 kg

(∵ 1 kg = 1000 g)

8 1000 g = 8000 g

b. 3 kg 780 g

(∵ 1 kg = 1000 g)

(3 1000) g + 780 g = 3780 g

c. 4 kg 435 g

(∵ 1 kg = 1000 g)

(4 1000) g + 435 g

= 4000 g + 435 g = 4435 g

d. 7 kg 25 g

(∵ 1 kg = 1000 g)

(7 1000) g + 25 g

7000 g + 25 g = 7025 g

e. 9 kg 450 g

(∵ 1 kg = 1000 g)

(9 1000) g + 450 g

= 9000 g + 450 g = 9450 g

f. 5 kg 454 g

(∵ 1 kg = 1000 g)

(5 1000) g + 454 g

= 5000 g + 454 g = 5454

g. 4 kg 678 g

(∵ 1 kg = 1000 g)

(4 1000) g + 678 g

= 4000 g + 678 g = 4678 g

h. 6 kg 340 g

(∵ 1 kg = 1000 g)

(6 1000) g + 340 g

= 6000 g + 340 g = 6340 g

i. 3 kg 540 g (1 kg = 1000 g)

(3 1000) g + 540 g

3000 g + 540 g = 3540 g

2. a. 5000 g 5000 1000 5 kg

b. 1008 g = 1000 g + 8 g

(1000 1000) kg + 8 kg

= 1 kg + 8 g

= 1 kg 8 g

```
        1
1000 ) 1008
     – 1000
          8
```

c. 7870 g = 7000 g + 870 g

(7000 1000) kg + 870 g

= 7 kg + 870 g

= 7 kg 870 g

```
        7
1000 ) 7870
     – 7000
        870
```

d. 1645 g = 1000 kg + 645 g

(1000 1000) kg + 645 g

= 1 kg + 645 g

= 1 kg 645 g

```
        1
1000 ) 1645
     – 1000
      645
```

e. 2070 g = 2000 g + 70 g

(2000 1000) kg + 70 g

= 2 kg + 70 g

= 2 kg 70 g

```
        2
1000 ) 2070
     – 2000
       70
```

f. 4088 g = 4000 g + 88 g
(4000 1000) g + 88 g
= 4 kg + 88 g
= 4 kg 88 g

```
        4
1000 ) 4088
     – 4000
       88
```

g. 6789 g = 6000 g + 789 g
(6000 1000) kg + 789 g
= 6 kg + 789 g
= 6 kg 789 g

```
        6
1000 ) 6789
     – 6000
      789
```

h. 8500 g = 8000 g + 500 g
(8000 1000) kg + 500 g
= 8 kg + 500 g
= 8 kg 500 g

```
        8
1000 ) 8500
     – 8000
      500
```

i. 3123 g = 3000 g + 123 g
(3000 1000) kg + 123 g
= 3 kg + 123 g
= 3 kg 123 g

```
        3
1000 ) 3123
     – 3000
      123
```

Exercise 8.5

1. a.

kg	g
	1
5	4 8 0
+3	1 7 0
8	6 5 0

b.

kg	g
	1
6	5 1 8
+3	4 2 8
9	9 4 6

c.

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

2. a.

kg	g
	3 1214
8	4 3~~4~~/
– 3	0 7 5
5	3 5 9

b.

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

c.

kg	g
	8 1410
7	~~9~~~~5~~~~0~~
– 2	4 5 5
5	4 9 5

3. a.

kg	g
7	5 4 0
+ 1	3 5 0
8	8 9 0

8 kg 890 g

b.

kg	g
6	3 0
+ 5	6 7 0
1 1	7 0 0

11 kg 700 g

c.

kg	g
	1 1
3	3 8 5
+ 7	3 6 5
1 0	7 5 0

10 kg 750 g

d.

kg	g
1	1
2 2	5 6 7
+1 5	5 5 0
3 8	1 1 7

38 kg 117 g

4. a.

kg	g
6	5 6 7
– 3	3 4 0
3	2 2 7

3 kg 227 g

b.

kg	g
9	6 8 0
– 4	5 6 0
5	1 2 0

5 kg 120 g

c.

kg	g
2 12	17 9 15
3 3	8~~0~~~~5~~/
–2 3	8 7 6
9	9 2 9

9 kg 929 g

d.

kg	g
	1310
1 2 8	~~2~~~~3~~~~0~~
–1 2 5	7 5
3	2 5 5

3 kg 255 g

Exercise 8.6

1. a. 9 *l* (1 litre = 1000 ml)
9 1000 ml
= 9000 ml

b. 3 *l* 440 ml (1 *l* = 1000 ml)
(3 1000) ml + 440 ml
= 3000 ml + 440 ml
= 3440 ml

c. 7 *l* 4 ml (1 *l* = 1000 ml)
(7 1000) ml + 4 ml
= 7000 ml + 4 ml
= 7004 ml

d. 8 *l* 675 ml (1 *l* = 1000 ml)
(8 1000) ml + 675 ml
= 8000 ml + 675 ml
= 8675 ml

e. 5 *l* 720 ml (1 *l* = 1000 l)
5 1000 ml + 720 ml
= 5000 ml + 720 ml
= 5720 ml

f. 6 *l* 880 ml (1 *l* = 1000 ml)
(6 1000) ml + 880 ml
= 6000 ml + 880 ml
= 6880 ml

2. a. 14000 ml (14000 1000) l = 14 *l*

b. 6000 ml (6000 1000) l = 6 *l*

c. 9876 ml = 9000 ml + 876 ml
(9000 1000) *l* + 876 ml
= 9 *l* + 876 ml
= 9 *l* 876 ml

```
        9
1000 ) 9876
     – 9000
       876
```

= 9 *l* 876 ml

d. 7765 ml = 7000 ml + 765 ml
(7000 1000) *l* + 765 ml
= 7 *l* + 765 ml
= 7 *l* 765 ml

```
        7
1000 ) 7765
     – 7000
       765
```

= 7 *l* 765 ml

e. 2343 ml = 2000 ml + 343 ml
(2000 1000) *l* + 343 ml
= 2 *l* + 343 ml
= 2 *l* 343 ml

```
        2
1000 ) 2343
     – 2000
       343
```

= 2 *l* 343 ml

f. 8004 ml = 8000 ml + 4 ml
(8000 1000) *l* + 4 ml
= 8 *l* + 4 ml
= 8 *l* 4 ml

```
        8
1000 ) 8004
     – 8000
          4
```

= 8 *l* 4 ml

Exercise 8.7

1. a.

l	ml
	1
4	5 6 2
+ 3	6 9 5
8	2 5 7

b.

l	ml
	1 1
7	1 0 3
+ 2	3 6 9
9	4 7 2

c.

l	ml
	1
8	0 1 5
+ 1	3 0 5
9	3 2 0

2. a.

l	ml
8	10 6 15
~~9~~	0 ~~7~~ ~~5~~
– 3	1 5 9
5	9 1 6

b.

l	ml
3	11 14 10
~~4~~	2 ~~5~~ ~~0~~
– 1	5 7 5
2	6 7 5

c.

l	ml
	4 9 10
8	~~5~~ ~~0~~ ~~0~~
– 2	1 7 5
6	3 2 5

3. a.

l	ml
25	253
+34	500
59	753

59 *l* 753 ml

b.

l	ml
2 2	1 1
48	865
19	535
+22	765
91	165

91 *l* 165 ml

c.

l	ml
1 1	
13	500
+16	750
30	250

30 *l* 250 ml

d.

l	ml
	1 1
45 1	15
27	750
+17	875
90	740

90 *l* 740 ml

4. a.

l	ml
2 14	
~~3~~ ~~4~~	650
−15	200
19	450

19 *l* 450 ml

b.

l	ml
7 11	1013
~~8~~ ~~2~~	1~~3~~ ~~0~~
−75	880
6	250

6 *l* 250 ml

c.

l	ml
54	780
−10	380
44	400

44 *l* 400 ml

d.

l	ml
7 13	18 6 10
~~8~~ ~~4~~	870
−55	934
28	936

28 *l* 936 ml

Exercise 8.8

1.

		m	cm
		1 1	1
Purchased blue ribbon		25	35
Red ribbon		40	64
Green ribbon	+	16	39
Total length of the ribbon		82	38

Thus, 82 m 38 cm ribbon purchase by Sanjay.

2.

		m	cm
Length of the rope		45	65
Piece of rope cut	–	19	36
The remaining rope		26	29

Thus, 26 m 29 cm length of the remaining rope.

3.

		kg	g
		1	1
Mrs. Kashup bought potatoes		4	450
She bought tomatoes		5	350
She bought onions	+	6	600
Total vegetables bought		16	400

Thus, she bought 16 kg 400 g vegetables.

4.

	kg	g
Prateek weights	76	450
Rahul weight	89	10

Rahul weight is more than Prateek

l	ml
8	9 11
8~~9~~	0~~10~~
−76	450
12	560

Thus Rahul weight is 12 kg 560 g more than Prateek.

		l	ml
		5 15	
5. A man bought paint		6 5	5 6 0
We used paint	–	4 7	4 5 0
Paint is left		1 8	1 1 0

Thus 18 *l* 110 ml paint is left.

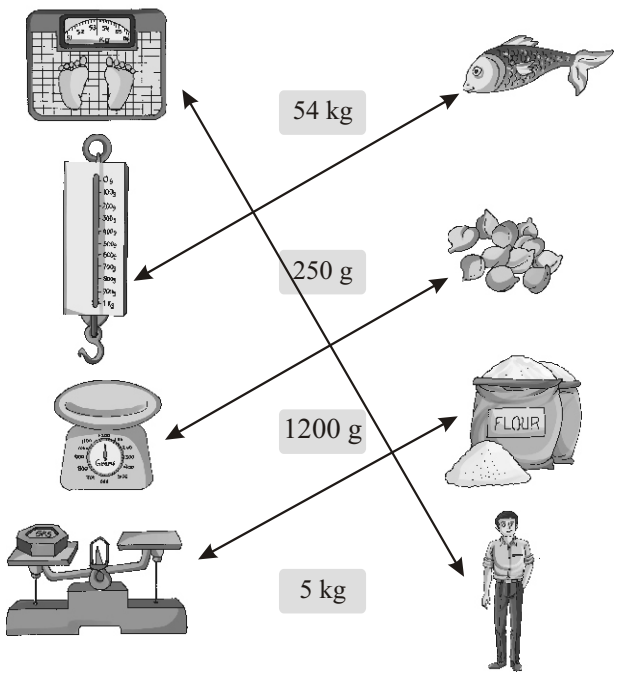
		l	ml
6. A car filled with petrol		25	300
Petrol used in the journey	–	14	850
Petrol is left		10	450

Thus, 10 *l* 450 ml petrol is left in car.

MCQ's

1. a **2.** b **3.** c **4.** b **5.** b

Worksheet



Activity in Maths Lab

Record the Activity :

250 g + 250 g + 250 g + 250 g = 1 kg

Try This Out!

1. 250 g **2.** 400 g