

CLASS-3

Revision

- Fill in the blanks in the given box :**
Do your self
- Write the number names :**
(a) Twenty seven (b) forty five (c) Four hundred one (d) Five hundred seventeen (e) Five hundred fifty nine (f) Six hundred ninety one (g) Seven hundred twenty eight (h) Nine hundred ninety eight (i) Two hundred one (j) Eight hundred seventy five
- Write in numbers :**
(a) 129 (b) 235 (c) 349 (d) 552 (e) 656 (f) 773
- Write, odd or even :**
odd, odd, even odd, even, even, odd
- Fill in the blanks :**
(a) 8, even (b) 2 even (c) 1, odd, (d) 9, odd (e) 0, even
- Understand the pattern and write the next numbers :**
(a) 9, 11, 13, 15, 17 (b) 10, 12, 14, 16, 18 (c) 36, 38, 40, 42, 44 (d) 45, 47, 49, 51, 53 (e) 21, 23, 25, 33, 35, 37
- Write in short form :**
(a) 231 (b) 422 (c) 522 (d) 782 (e) 822
- Write in expended form :**
(a) $200 + 2$ (b) $200 + 20 + 1$ (c) $300 + 20$ (d) $400 + 80$ (e) $700 + 70 + 8$
- Fill in the blanks by using $>$, $<$ or $=$:**
(a) $<$ (b) $>$ (c) $<$ (d) $<$ (e) $=$ (f) $=$
- Write the place value of underline numbers :**
(a) 40 (b) 400 (c) 6 (d) 7 (e) 500 (f) 30
- Match the following :**
1. (b) 2. (a) 3. (d) 4. (e) 5. (c)
- Four digit smallest number is - 1000, Four digit largest number is - 9999
- Which number comes before, after and between :**
(a) 10 (b) 190 (c) 23 (d) 187 (e) 19 (f) 132 (g) 223 (h) 250
- Do yourself
- Write the two multiple of the following :**
(b) $7 \times 7 = 49$; $7 \times 7 = 49$ (c) $7 \times 10 = 70$; $10 \times 7 = 70$ (d) $8 \times 11 = 88$; $11 \times 8 = 88$ (e) $4 \times 8 = 32$; $8 \times 4 = 32$
- Addition :**
(a) $354 + 122 = 476$ (b) $404 + 218 = 622$ (c) $275 + 304 = 579$ (d) $456 + 308 = 764$ (e) $438 + 241 + 191 = 870$ (f) $273 + 180 + 24 = 477$ (g) $327 + 105 + 170 = 602$ (h) $128 + 156 + 349 = 633$
- Subtraction :**
(a) $870 - 228 = 642$ (b) $278 - 178 = 100$ (c) $289 - 132 = 157$ (d) $334 - 245 = 89$ (e) $440 - 229 = 211$ (f) $832 - 231 = 601$ (g) $999 - 820 = 179$ (h) $435 - 349 = 86$
- Solve the following :**
(a) $15 \times 2 = 30$ (b) $20 \times 5 = 100$ (c) $11 \times 3 = 33$ (d) $80 \times 1 = 80$ (e) $17 \times 1 = 17$ (f) $18 \times 2 = 36$ (g) $42 \div 7 = 6$ (h) $81 \div 9 = 9$ (i) $64 \div 8 = 8$ (j) $16 \div 4 = 4$ (k) $18 \div 2 = 9$ (l) $22 \div 2 = 11$

19. Deepanki had = ₹ 275
Her father gave rupees on her birthday = ₹ 151
Total money = $275 + 151 = ₹ 426$
20. Mansi bought jug = ₹ 178
She bought spices = ₹ 370
She bought sugar = ₹ 228
Total money she spent: $178 + 370 + 228 = ₹ 776$
21. There are pages in story book = 80
Dev has read pages = 26
Remaining pages to learn = $80 - 26 = 54$
22. Ayush had mangoes trees in his garden = 242
Trees had fallen, due to storm = 157
Remaining trees = $242 - 157 = 85$
23. The cost of one radio = ₹ 915
Cost of 8 radio = $915 \times 8 = ₹ 7320$
24. The cost of 5kg mangoes = ₹ 400
The cost 1 kg mango = $₹ 400 / 5 = 80$
25. 32 bananas have been distributed equally = 8 children
Every child will get: $32 / 8 = 4$ bananas
26. Write the fraction for the shaded parts :
- $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$
27. Give name of these geometrical shapes :
cube, cuboid, circle
28. Do yourself

Four-Digit Number

Exercise- 2

1. Write all the consecutive numbers:
(a) 6002, 6003, 6004, 6005, 6006
(b) 5325, 5326, 5327, 5328, 5329
(c) 8195, 8196, 8197, 9198, 8199

- (d) 3268, 3269, 3270, 3271, 3272
(e) 4495, 4496, 4497, 4498, 4499
(f) 9200, 9201, 9202, 9203, 9204
(g) 6524, 6525, 6526, 6527, 6528

2. Write in words :

- (a) five thousand one (b) six thousand twenty-one (c) one thousand nine hundred ninety-nine (d) seven thousand two hundred eighty-one (e) six thousand two hundred fifty-one (f) six thousand seven hundred eleven. (g) one thousand two hundred eighty-seven

3. What is the number ?

- (a) 7506 (b) 5700 (c) 2472 (d) 4083 (e) 9009

4. Write the three consecutive numbers and fill in the blanks :

- (a) 7021, 7022, 7023 (b) 1258, 1259, 1260 (c) 7829, 7830, 7831 (d) 1583, 1584, 1585 (e) 6288, 6289, 6290 (f) 6011, 6012, 6013 (g) 9011, 9012, 9013

5. Write in the figures :

- (a) 1700 (b) 2028 (c) 3401 (d) 8000 (e) 7004 (f) 4037

6. Understand the pattern and fill in the blanks :

- (a) 9606, 9608, 9610, 9612 (b) 8756, 8753, 8750, 8747 (c) 3800, 3900, 4000, 4100 (d) 7870, 7890, 7910, 7930 (e) 6099, 6106, 6113, 6120

7. Write the smallest number of :

- (a) 100 (b) 10 (c) 1000 (d) 1

8. Write the greatest number of :

- (a) 9999 (b) 999 (c) 99 (d) 9

9. Write these numbers in the expanded form. The first has been done for you :

- (a) $7000 + 400 + 30 + 6$ (b) $2000 +$

200 + 20 + 2 (c) 2000 + 500 + 40 + 3 (d) 1000 + 800 + 70 + 2

10. Counting by 5's write numbers form :

(a) 4625, 4630 (b) 3881, 3886 (c) 5475, 5480 (d) 6791, 6796

11. Counting by 10's write numbers form :

(a) 6430, 6440, 6450 (b) 5796, 5806, 5816 (c) 7572, 7582, 7592 (d) 4899, 4909, 4919

Multiple Choice Questions

- (a) five thousand one hundred seventy eight
- (c) 1208
- (c) 9820
- (d) $7000 + 100 + 30 + 4$
- (b) 9999 6. (b) 1000

Place Value

Exercise- 3.1

1. Write the place value of encircled digits :

(a) 4 tens or 40 (b) 2 ones or 2 (c) 6 ones or 6 (d) 2 hundreds or 200 (e) 5 thousands or 5000 (f) 0 tens or 0 (g) 2 tens or 20 (h) 0 hundred or 0

2. Write the following numbers in expanded form :

(a) $7000 + 500 + 80 + 6$ (b) $2000 + 90 + 6$ (c) $3000 + 500 + 50 + 4$ (d) $4000 + 800 + 70 + 6$ (e) $3000 + 900 + 50 + 8$ (f) $7000 + 700 + 70 + 7$ (g) $4000 + 300 + 40 + 6$

3. Write in short form :

(a) 8406 (b) 7356 (c) 5082 (d) 3490 (e) 4519 (f) 9601

4. Underline the correct number :

(a) 4202 is correct number (b) 5256 is correct number (c) 3256 is correct number (d) 6540 is correct number (e) 9024 is correct number (f) 1598 is correct number

5. 505 is the sum of place values

6. 54 is the difference of place values

7. 63 is the difference of place values

Exercise- 3.2

1. Tick (✓) the number greater in value:

(a) 3872	<input type="checkbox"/>	4092	<input checked="" type="checkbox"/>
(b) 7823	<input type="checkbox"/>	8324	<input checked="" type="checkbox"/>
(c) 9852	<input checked="" type="checkbox"/>	3865	<input type="checkbox"/>
(d) 3287	<input checked="" type="checkbox"/>	3286	<input type="checkbox"/>
(e) 3456	<input type="checkbox"/>	5432	<input checked="" type="checkbox"/>
(f) 2837	<input type="checkbox"/>	3927	<input checked="" type="checkbox"/>
(g) 2873	<input checked="" type="checkbox"/>	1093	<input type="checkbox"/>
(h) 8342	<input checked="" type="checkbox"/>	7242	<input type="checkbox"/>

2. Tick (✓) the number smaller in value:

(a) 4823	<input checked="" type="checkbox"/>	5928	<input type="checkbox"/>
(b) 2000	<input checked="" type="checkbox"/>	2100	<input type="checkbox"/>
(c) 5544	<input type="checkbox"/>	3555	<input checked="" type="checkbox"/>
(d) 1020	<input checked="" type="checkbox"/>	1030	<input type="checkbox"/>
(e) 3642	<input checked="" type="checkbox"/>	4093	<input type="checkbox"/>
(f) 9012	<input type="checkbox"/>	8021	<input checked="" type="checkbox"/>
(g) 9820	<input type="checkbox"/>	9810	<input checked="" type="checkbox"/>
(h) 8232	<input checked="" type="checkbox"/>	8233	<input type="checkbox"/>

3. Encircle (O) the smallest number:

(a) 2743 (b) 1122 (c) 6334
(d) 3052 (e) 1030 (f) 2008
(g) 4382

4. Encircle (O) the greatest number :

(a) 9832 (b) 9527 (c) 9527
(d) 5432 (e) 4444 (f) 8364

5. Put the signs of >, < or = :

(a) $6384 > 4869$ (b) $5439 < 9256$
(c) $2356 = 2356$ (d) $4261 > 1492$
(e) $7238 < 7239$ (f) $5001 > 1005$ (g) $9212 > 2192$ (h) $3756 < 7536$

Exercise 3.3

1. Arrange in ascending order :

(a) 3856, 5683, 5686, 6583 (b) 4296, 4396, 6249, 6349 (c) 3859, 5839, 7983, 8973 (d) 2934, 3294, 3924, 4239 (e) 6289, 6928, 8269, 9268

2. Arrange in descending order :

(a) 9562, 6592, 6259, 2596 (b) 7392, 7286, 7223, 3276 (c) 9826, 6289, 5443, 3454 (d) 7823, 6345, 5436, 4563 (e) 1988, 1987, 1986, 1985

3. Form any 5 numbers having 4 digits 3, 2, 9 and 8 without repeating number and arrange them in ascending order :

2389 < 2398 < 2839 > 2893 < 2938

4. Write the successor of each of following numbers :

(a) 7259 (b) 3587 (c) 3568 (d) 4366 (e) 1000 (f) 6359 (g) 9999 (h) 9821 (i) 8765 (j) 2891

5. Write the predecessor of each of following numbers :

(a) 2357 (b) 8577 (c) 8999 (d) 9324 (e) 999 (f) 2538 (g) 6999 (h) 5999 (i) 7757

6. 25, 52

7. 120, 201, 102, 210

8. 2568, 2658, 2586, 2865, 2856, 2685

9. 2569

10. 9852

Multiple Choice Questions

Choose the correct answer :

1. (a) 4092 2. (c) 1020 3. (b) 2008

4. (a) 4836 5. (a) descending

4- Regional Numbers

Exercise-4

1. Write the Hindi-Arabic numbers for the following Roman numbers.

(a) 10 (b) 12 (c) 9 (d) 3 (e) 11 (f) 15 (g) 6 (h) 7 (i) 30 (j) 14 (k) 27 (l) 39

2. Write the following in Roman numerals :

(a) XX IX (b) XX IV (c) XXX II (d) XVII (e) XXX III (f) XV (g) XXI (h) XVI

3. Tick (✓) which of the following are meaningless :

(c) IXIV (d) VX (f) VV

4. Match the corresponding numerals of two columns :

A		B	
(a) 15	(ii)	X V	
(b) 28	(iv)	XX VIII	
(c) 32	(i)	XXX II	
(d) 19	(iii)	XI X	
(e) 5	(vi)	V	
(f) 4	(v)	IV	

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

(a) False (b) True (c) False

6. Arrange the following in ascending order :

II, III, VIII, IX, XI

7. Arrange the following in descending order :

XXX, X, IX, VIII, VII

Multiple Choice Questions

Choose the correct answer :

1. (c) XVII 2. (b) XXIX 3. (d) 28

4. (c) 9 5. (a) IX VI

5- Addition

Exercise- 5.1

1. Add the following :

(a) H T O	(b) H T O
①	①
5 0 5	4 0 0
+ 2 1 6	+ 2 8
<u>7 2 1</u>	<u>5 2 0</u>

(c) H T O	(d) H T O
①	① ①
6 8 7	3 9 5
+ 5 0 7	+ 1 2 5
<u>8 9 0</u>	<u>5 2 0</u>

$$\begin{array}{r} \text{(e) H T O} \\ \textcircled{1} \\ 7 \ 8 \ 2 \\ + 1 \ 0 \ 8 \\ \hline 8 \ 9 \ 0 \end{array}$$

$$\begin{array}{r} \text{(f) H T O} \\ \textcircled{1} \\ 2 \ 0 \ 8 \\ + 1 \ 1 \ 2 \\ \hline 3 \ 2 \ 0 \end{array}$$

$$\begin{array}{r} \text{(e) Th H T O} \\ \textcircled{1} \quad \textcircled{1} \\ 3 \ 4 \ 5 \ 8 \\ + \quad 9 \ 2 \ 3 \\ \hline 4 \ 3 \ 8 \ 1 \end{array}$$

$$\begin{array}{r} \text{(g) H T O} \\ \textcircled{1} \textcircled{1} \\ 5 \ 9 \ 5 \\ + 1 \ 2 \ 5 \\ + 1 \ 0 \ 2 \\ \hline 8 \ 2 \ 2 \end{array}$$

$$\begin{array}{r} \text{(h) H T O} \\ \textcircled{1} \\ 7 \ 8 \ 0 \\ + \quad 9 \ 5 \\ + 8 \ 1 \ 2 \\ \hline 16 \ 8 \ 7 \end{array}$$

$$\begin{array}{r} \text{(f) Th H T O} \\ \textcircled{1} \textcircled{1} \\ 0 \ 9 \ 5 \ 3 \\ + 2 \ 1 \ 8 \ 0 \\ \hline 3 \ 1 \ 3 \ 3 \end{array}$$

$$\begin{array}{r} \text{(i) H T O} \\ \textcircled{1} \textcircled{2} \\ 3 \ 5 \ 5 \\ + \quad 4 \ 8 \\ + 2 \ 0 \ 9 \\ \hline 6 \ 1 \ 2 \end{array}$$

$$\begin{array}{r} \text{(g) Th H T O} \\ \textcircled{1} \textcircled{1} \textcircled{1} \\ 6 \ 8 \ 7 \ 1 \\ + 2 \ 0 \ 2 \ 9 \\ + 1 \ 2 \ 5 \ 3 \\ \hline 10 \ 1 \ 5 \ 3 \end{array}$$

$$\begin{array}{r} \text{(h) Th H T O} \\ \textcircled{1} \textcircled{2} \textcircled{1} \\ 7 \ 8 \ 9 \ 2 \\ + 5 \ 4 \ 3 \ 4 \\ + \quad \quad 8 \ 9 \\ \hline 13 \ 4 \ 1 \ 5 \end{array}$$

Exercise- 5.2

1. Do these sums :

$$\begin{array}{r} \text{(a) Th H T O} \\ \textcircled{1} \textcircled{1} \\ 6 \ 8 \ 9 \ 2 \\ + 1 \ 3 \ 1 \ 0 \\ \hline 8 \ 2 \ 0 \ 2 \end{array}$$

$$\begin{array}{r} \text{(b) Th H T O} \\ \textcircled{1} \textcircled{1} \\ 7 \ 8 \ 3 \ 2 \\ + \quad 5 \ 9 \ 2 \\ \hline 8 \ 4 \ 2 \ 4 \end{array}$$

$$\begin{array}{r} \text{(c) Th H T O} \\ \textcircled{1} \textcircled{1} \textcircled{1} \\ 5 \ 9 \ 8 \ 8 \\ + 1 \ 0 \ 2 \ 8 \\ \hline 7 \ 0 \ 1 \ 6 \end{array}$$

$$\begin{array}{r} \text{(d) Th H T O} \\ \textcircled{1} \textcircled{1} \\ 8 \ 7 \ 2 \ 5 \\ + 2 \ 0 \ 9 \ 5 \\ \hline 10 \ 8 \ 2 \ 0 \end{array}$$

$$\begin{array}{r} \text{(i) Th H T O} \\ \textcircled{1} \textcircled{1} \textcircled{1} \\ 0 \ 5 \ 7 \ 2 \\ + 2 \ 2 \ 4 \ 9 \\ + 2 \ 4 \ 4 \ 1 \\ \hline 5 \ 2 \ 6 \ 2 \end{array}$$

2. Add the numbers :

$$\begin{array}{r} \text{(a) Th H T O} \\ \textcircled{2} \textcircled{1} \\ 6 \ 9 \ 5 \ 2 \\ 3 \ 8 \ 7 \ 2 \\ + 2 \ 7 \ 3 \ 0 \\ \hline 13 \ 5 \ 5 \ 4 \end{array}$$

$$\begin{array}{r} \text{(b) Th H T O} \\ \textcircled{2} \textcircled{1} \\ 7 \ 8 \ 2 \ 2 \\ + 6 \ 8 \ 9 \ 2 \\ + 2 \ 7 \ 3 \ 0 \\ \hline 17 \ 4 \ 4 \ 4 \end{array}$$

$$\begin{array}{r}
 \text{(c) Th H T O} \\
 \textcircled{1} \textcircled{1} \\
 9 \ 8 \ 2 \\
 + 3 \ 9 \ 5 \ 0 \\
 + \quad 2 \ 7 \\
 \hline
 4 \ 9 \ 5 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{(d) Th H T O} \\
 \textcircled{1} \textcircled{1} \\
 5 \ 1 \ 3 \ 4 \\
 + 5 \ 3 \ 4 \ 8 \\
 + \quad 4 \ 9 \ 5 \\
 \hline
 10 \ 9 \ 7 \ 7
 \end{array}$$

Exercise-5.3

Problem fun :

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

$$\begin{array}{r}
 \text{(2) Th H T O} \\
 \textcircled{1} \\
 7 \ 0 \ 2 \ 9 \\
 + 4 \ 9 \ 5 \ 0 \\
 + 3 \ 0 \ 0 \ 9 \\
 \hline
 14 \ 9 \ 8 \ 8
 \end{array}$$

$$\begin{array}{r}
 \text{(3) Th H T O} \\
 \textcircled{1} \textcircled{2} \\
 3 \ 9 \ 6 \ 7 \\
 + 4 \ 0 \ 5 \ 0 \\
 + 4 \ 4 \ 9 \ 1 \\
 \hline
 12 \ 5 \ 0 \ 8
 \end{array}$$

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

$$\begin{array}{r}
 \text{(5) Th H T O} \\
 \textcircled{1} \textcircled{1} \textcircled{1} \\
 6 \ 8 \ 0 \ 7 \\
 + 1 \ 2 \ 9 \ 7 \\
 + 3 \ 5 \ 9 \ 2 \\
 \hline
 11 \ 6 \ 9 \ 6
 \end{array}$$

$$\begin{array}{r}
 \text{(6) Th H T O} \\
 \textcircled{1} \textcircled{1} \\
 5 \ 4 \ 0 \ 3 \\
 + 4 \ 2 \ 0 \ 9 \\
 + 4 \ 2 \ 9 \ 5 \\
 \hline
 13 \ 9 \ 0 \ 7
 \end{array}$$

Subtraction

Exercise-6.1

Subtract :

$$\begin{array}{r}
 \text{(a) H T O} \\
 \textcircled{6} \textcircled{15} \\
 7 \ 5 \ 8 \\
 - 6 \ 6 \ 5 \\
 \hline
 0 \ 9 \ 1
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(b) H T O} \\
 \textcircled{8} \textcircled{16} \\
 2 \ 9 \ 8 \\
 - 1 \ 6 \ 8 \\
 \hline
 1 \ 2 \ 8
 \end{array}$$

$$\begin{array}{r}
 \text{(c) H T O} \\
 \textcircled{8} \textcircled{13} \textcircled{16} \\
 9 \ 4 \ 8 \\
 - 3 \ 6 \ 9 \\
 \hline
 5 \ 7 \ 7
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(d) H T O} \\
 \textcircled{8} \textcircled{15} \\
 3 \ 9 \ 5 \\
 - 2 \ 5 \ 7 \\
 \hline
 1 \ 3 \ 8
 \end{array}$$

$$\begin{array}{r}
 \text{(e) H T O} \\
 \textcircled{0} \textcircled{10} \\
 2 \ 1 \ 8 \\
 - 2 \ 0 \ 5 \\
 \hline
 0 \ 0 \ 5
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(f) H T O} \\
 \textcircled{6} \textcircled{18} \\
 7 \ 8 \ 9 \\
 - 2 \ 9 \ 8 \\
 \hline
 4 \ 9 \ 1
 \end{array}$$

$$\begin{array}{r}
 \text{(g) H T O} \\
 3 \ 5 \ 7 \\
 - 2 \ 5 \ 7 \\
 \hline
 1 \ 0 \ 0
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(h) H T O} \\
 \textcircled{7} \textcircled{9} \textcircled{10} \\
 8 \ 8 \ 8 \\
 - 2 \ 0 \ 5 \\
 \hline
 5 \ 9 \ 5
 \end{array}$$

$$\begin{array}{r}
 \text{(i) H T O} \\
 \textcircled{8} \textcircled{18} \\
 9 \ 8 \ 9 \\
 - 2 \ 9 \ 8 \\
 \hline
 6 \ 9 \ 1
 \end{array}$$

Exercise - 6.2

Subtract :

(a)
$$\begin{array}{r} \text{Th H T O} \\ \text{⑥ ⑬} \\ 57\cancel{3}\cancel{9} \\ - 2049 \\ \hline 3690 \end{array}$$

(b)
$$\begin{array}{r} \text{Th H T O} \\ \text{② ⑮ ⑧ ⑮} \\ \cancel{3}\cancel{8}\cancel{9}\cancel{8} \\ - 1609 \\ \hline 1989 \end{array}$$

(c)
$$\begin{array}{r} \text{Th H T O} \\ \text{④ ⑮ ⑧ ⑮} \\ \cancel{5}\cancel{8}\cancel{9}\cancel{6} \\ - 1927 \\ \hline 3969 \end{array}$$

(d)
$$\begin{array}{r} \text{Th H T O} \\ \text{③ ⑮} \\ 3\cancel{4}\cancel{5}\cancel{7} \\ - 1362 \\ \hline 2095 \end{array}$$

(e)
$$\begin{array}{r} \text{Th H T O} \\ \text{⑥ ⑭ ⑬ ⑬} \\ \cancel{7}\cancel{8}\cancel{4}\cancel{3} \\ - 1664 \\ \hline 5879 \end{array}$$

(f)
$$\begin{array}{r} \text{Th H T O} \\ \text{① ⑮} \\ 75\cancel{2}\cancel{3} \\ - 2104 \\ \hline 5419 \end{array}$$

(g)
$$\begin{array}{r} \text{Th H T O} \\ \text{④ ⑮ ⑮} \\ 6\cancel{5}\cancel{2}\cancel{3} \\ - 1054 \\ \hline 5469 \end{array}$$

(h)
$$\begin{array}{r} \text{Th H T O} \\ \text{⑦ ⑮ ⑨ ⑮} \\ \cancel{8}\cancel{7}\cancel{0}\cancel{1} \\ - 2834 \\ \hline 5867 \end{array}$$

(i)
$$\begin{array}{r} \text{Th H T O} \\ \text{⑧ ⑮} \\ 78\cancel{9}\cancel{6} \\ - 2707 \\ \hline 5189 \end{array}$$

(j)
$$\begin{array}{r} \text{Th H T O} \\ \text{③ ⑮} \\ 55\cancel{4}\cancel{3} \\ - 1434 \\ \hline 4109 \end{array}$$

(k)
$$\begin{array}{r} \text{Th H T O} \\ \text{① ⑮ ⑧ ⑮} \\ \cancel{2}\cancel{7}\cancel{9}\cancel{1} \\ - 834 \\ \hline 1957 \end{array}$$

(l)
$$\begin{array}{r} \text{Th H T O} \\ \text{② ⑮ ⑥ ⑮} \\ \cancel{3}\cancel{8}\cancel{7}\cancel{6} \\ - 907 \\ \hline 2969 \end{array}$$

2. Arrange in columns and then subtract :

(a)
$$\begin{array}{r} \text{Th H T O} \\ \text{⑥ ⑮} \\ \cancel{7}\cancel{0}\cancel{0} \\ - 800 \\ \hline 6200 \end{array}$$

(b)
$$\begin{array}{r} \text{Th H T O} \\ \text{① ⑮} \\ 77\cancel{2}\cancel{3} \\ - 3214 \\ \hline 4509 \end{array}$$

(c)
$$\begin{array}{r} \text{Th H T O} \\ \text{③ ⑮} \\ 2345 \\ - 1234 \\ \hline 1111 \end{array}$$

(d)
$$\begin{array}{r} \text{Th H T O} \\ \text{③ ⑮} \\ 5\cancel{4}\cancel{3}\cancel{9} \\ - 3072 \\ \hline 2367 \end{array}$$

(e)
$$\begin{array}{r} \text{Th H T O} \\ 1000 \\ - 0 \\ \hline 1000 \end{array}$$

(f)
$$\begin{array}{r} \text{Th H T O} \\ \text{① ⑨ ⑨ ⑮} \\ \cancel{1}\cancel{0}\cancel{0}\cancel{0} \\ - 1 \\ \hline 999 \end{array}$$

(g)
$$\begin{array}{r} \text{Th H T O} \\ 9999 \\ - 1 \\ \hline 9998 \end{array}$$

(h)
$$\begin{array}{r} \text{Th H T O} \\ 9721 \\ - 200 \\ \hline 9521 \end{array}$$

3. Fill in the boxes :

(a)
$$\begin{array}{r} \text{⑥ ⑮ ① ⑮} \\ \cancel{7}\boxed{0}\cancel{2}\cancel{8} \\ - 4319 \\ \hline \boxed{2}70\boxed{9} \end{array}$$

(b)
$$\begin{array}{r} \text{⑧ ⑮} \\ 5\cancel{9}\cancel{2}\boxed{5} \\ - 1\boxed{4}43 \\ \hline 44\boxed{8}2 \end{array}$$

(c)
$$\begin{array}{r} \text{② ⑮} \\ 7\cancel{3}\boxed{0}8 \\ - 192 \\ \hline \boxed{7}11\boxed{6} \end{array}$$

(d)
$$\begin{array}{r} \text{③ ⑮} \\ \cancel{4}\cancel{1}3\boxed{7} \\ - 0\boxed{4}12 \\ \hline \boxed{3}7\boxed{2}5 \end{array}$$

Exercise - 6.3

Problem fun :

1. 999 larger, 589 smaller

$$\begin{array}{r} \text{H T O} \\ 999 \\ - 589 \\ \hline 410 \end{array}$$

2. 988 larger, 699 smaller

$$\begin{array}{r} \text{H T O} \\ \text{⑧ ⑮ ⑮} \\ 988 \\ - 699 \\ \hline 289 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 672 \\ - 542 \\ \hline 130 \end{array}$$

4. 5500 note books and Pens, 4500 pens

$$\begin{array}{r} \text{Th H T O} \\ 5500 \\ - 4500 \\ \hline 1000 \end{array} \text{ note books}$$

5. 3540 hens 220 died hens

$$\begin{array}{r} \text{Th H T O} \\ 3540 \\ - 220 \\ \hline 3320 \end{array} \text{ hens were left}$$

$$\begin{array}{r} \text{Th H T O} \\ 7880 \\ - 4427 \\ \hline 3453 \end{array}$$

7. 7090 toys 4990 were packed in the boxes

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{6} \textcircled{10} \\ 7090 \\ - 4990 \\ \hline 2100 \end{array} \text{ unpacked}$$

8. 2434 bags of wheat, 2354 bags were sold out

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{3} \textcircled{13} \\ 2434 \\ - 2354 \\ \hline 0080 \end{array} \text{ bags were left in store}$$

9. greatest four-digit number 9999
smallest four digit number 1000

$$\begin{array}{r} \text{Th H T O} \\ 9999 \\ - 1000 \\ \hline 8999 \end{array}$$

10. greatest four-digit number-9999
greatest three digit number - 999

$$\begin{array}{r} \text{Th H T O} \\ 9999 \\ - 999 \\ \hline 9000 \end{array}$$

11. Total students-8892, number of boys-5324

$$\begin{array}{r} \text{Th H T O} \\ 8892 \\ - 5324 \\ \hline 3568 \end{array} \text{ number of girls.}$$

Exercise- 6.4

1. Find the value :

$$\begin{aligned} \text{(a) } 395 - 200 + 5543 \\ = 195 + 5543 \\ = 5738 \end{aligned}$$

$$\begin{aligned} \text{(b) } 2000 - 500 + 400 \\ = 1500 + 400 \\ = 1900 \end{aligned}$$

$$\begin{aligned} \text{(c) } 7896 + 1000 - 2003 \\ = 8896 - 2003 \\ = 6893 \end{aligned}$$

$$\begin{aligned} \text{(d) } 5729 - 500 - 400 + 1020 \\ = 4829 + 1020 \\ = 5849 \end{aligned}$$

$$\begin{aligned} \text{(e) } 8344 - 3459 + 2 \\ = 4885 + 2 \\ = 4887 \end{aligned}$$

$$\begin{aligned} \text{(f) } 3333 + 300 + 200 - 3 \\ = 3833 - 3 \\ = 3830 \end{aligned}$$

$$\begin{aligned} \text{(g) } 2789 + 1 - 2000 \\ = 2790 - 2000 \\ = 790 \end{aligned}$$

$$\begin{aligned} \text{(h) } 654 + 43 - 500 \\ = 6586 - 500 \\ = 6086 \end{aligned}$$

2. Solve :

$$(a) (678 + 900) - (100 + 200)$$

$$= 1578 - 300$$

$$= 1278$$

$$(b) (5986 - 2003) + (3039 - 100)$$

$$= 3983 + 2939$$

$$= 6922$$

$$(c) (7395 - 2340) - 2000$$

$$= 5055 - 2000$$

$$= 3055$$

$$(d) (4592 - 1000) + 5549$$

$$= 3592 + 5549$$

$$= 9141$$

$$3. (2439 + 4239) = 6678 - 3759 = 2919$$

$$4. 9999 - (999 + 99) = 8901$$

$$5. 8096 - (1076 + 4606) = 8096 - 5682 = 2414 \text{ Men}$$

$$6. 8960 - (1060 + 1250 + 3200) = 8960 - 5510 = 3450$$

$$7. (9999 - 4244) + 4826 = 5755 + 4826 = 10581$$

$$8. (9980 + 4832) - 7854 = 14812 - 7854 = 6958 \text{ remaining}$$

Multiplication**Exercise- 7.1****1. Solve these sums :**

$$(a) 11 \times 2 = 22 \quad (b) 15 \times 3 = 45 \quad (c) 16 \times 3 = 48$$

$$(d) 17 \times 2 = 34 \quad (e) 19 \times 9 = 171$$

$$(f) 20 \times 1 = 20 \quad (g) 19 \times 8 = 152$$

$$(h) 18 \times 5 = 90 \quad (i) 13 \times 10 = 130 \quad (j) 14 \times 9 = 126$$

2. Fill in the blanks :

$$(a) 16 \times \underline{3} = 48 \quad (b) 17 \times \underline{2} = 34 \quad (c) \underline{19} \times 3 = 57$$

$$(d) 15 \times \underline{5} = 75 \quad (e) 14 \times \underline{9} = 126$$

$$(f) 8 \times 15 = \underline{120} \quad (g) 17 \times 3 = \underline{51}$$

$$(h) 15 \times \underline{6} = 90 \quad (i) \underline{7} \times 18 = 126 \quad (j) 19 \times 3 = \underline{57}$$

Exercise- 7.2**Problem fun :**

1. Total number of children = 13
Each child got 8 toffees, then

$$\begin{array}{r} 13 \\ \times 8 \\ \hline 104 \end{array} \text{ Total toffees distributed}$$

2. Total bunches = 9

Bananas in each bunch = 9
then 9

$$\begin{array}{r} \times 9 \\ \hline 81 \end{array} \text{ bananas in 9 bunches}$$

3. Oranges in a dozen = 12

then oranges in 8 dozens are

$$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array} \text{ Oranges}$$

4. A bus has 6 wheels,

Total buses = 12

$$\begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array} \text{ Wheels required for 12 buses}$$

5. 4 baskets Each baskets contains 18 oranges

$$\begin{array}{r} 18 \\ \times 4 \\ \hline 72 \end{array} \text{ Oranges in all baskets}$$

6. Total rows = 12

seats in each row = 9

$$\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array} \text{ seats}$$

7. Total students 14 each student has 8 books

$$\begin{array}{r} 14 \\ \times 8 \\ \hline 112 \end{array} \text{ books}$$

Exercise- 7.3

1. Multiply the following :

$$(a) 7 \times 9 = 63 \quad (b) 4 \times 5 = 20 \quad (c) 6 \times 3 = 18$$

$$(d) 4 \times 3 = 12 \quad (e) 2 \times 7 = 14 \quad (f) 8 \times 9 = 72$$

$$(g) 3 \times 2 = 6 \quad (h) 5 \times 5 = 25 \quad (i) 9 \times 2 = 18 \quad (j) 8 \times 0 = 0$$

2. Fill in the blanks as shown :

$$(a) 5+5+5+5=20$$

- (b) $2+2+2+2+2+2=12$
 (c) $4+4+4+4+4+4=24$
 (d) $3+3=6$ (e) $8+8+8+8=32$
 (f) $9+9+9=27$ (g) $7+7=14$
 (h) $6+6+6+6=24$

Exercise 7.4

1. Multiply the following :

(a) $\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 24 \\ \times 5 \\ \hline 120 \end{array}$	(b) $\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 27 \\ \times 4 \\ \hline 108 \end{array}$	(c) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 82 \\ \times 8 \\ \hline 656 \end{array}$
--	--	--

(d) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 44 \\ \times 4 \\ \hline 176 \end{array}$	(e) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 96 \\ \times 3 \\ \hline 288 \end{array}$	(f) $\begin{array}{r} \text{T O} \\ \textcircled{7} \\ 79 \\ \times 8 \\ \hline 632 \end{array}$
--	--	--

(g) $\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 36 \\ \times 4 \\ \hline 144 \end{array}$	(h) $\begin{array}{r} \text{T O} \\ \textcircled{3} \\ 55 \\ \times 7 \\ \hline 385 \end{array}$
--	--

2. Find the product :

- (a) $86 \times 2 = 172$ (b) $48 \times 6 = 288$
 (c) $89 \times 4 = 356$ (d) $99 \times 9 = 891$
 (e) $28 \times 4 = 112$ (f) $34 \times 3 = 102$
 (g) $28 \times 5 = 140$ (h) $78 \times 9 = 702$
 (i) $89 \times 6 = 534$ (j) $18 \times 7 = 126$
 (k) $87 \times 2 = 174$ (l) $37 \times 8 = 296$

Exercise- 7.5

1. Multiply :

(a) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 235 \\ \times 4 \\ \hline 940 \end{array}$	(b) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 446 \\ \times 2 \\ \hline 892 \end{array}$	(c) $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{3} \\ 587 \\ \times 5 \\ \hline 2935 \end{array}$
---	---	--

(d) $\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{4} \\ 386 \\ \times 8 \\ \hline 3088 \end{array}$	(e) $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{3} \\ 556 \\ \times 5 \\ \hline 2780 \end{array}$	(f) $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{3} \\ 596 \\ \times 5 \\ \hline 2980 \end{array}$
--	--	--

(g) $\begin{array}{r} \text{H T O} \\ 123 \\ \times 2 \\ \hline 246 \end{array}$	(h) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 439 \\ \times 3 \\ \hline 1317 \end{array}$	(i) $\begin{array}{r} \text{H T O} \\ \textcircled{3} \textcircled{2} \\ 587 \\ \times 4 \\ \hline 2348 \end{array}$
--	--	--

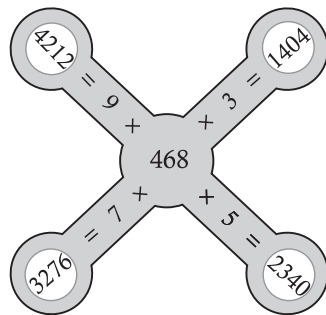
(j) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 645 \\ \times 4 \\ \hline 2580 \end{array}$	(k) $\begin{array}{r} \text{H T O} \\ 444 \\ \times 2 \\ \hline 888 \end{array}$	(l) $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{6} \\ 658 \\ \times 8 \\ \hline 5264 \end{array}$
--	--	--

(m) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 793 \\ \times 2 \\ \hline 1586 \end{array}$	(n) $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{2} \\ 789 \\ \times 3 \\ \hline 2367 \end{array}$	(o) $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{4} \\ 236 \\ \times 8 \\ \hline 1888 \end{array}$
--	--	--

2. Multiply :

- (a) $123 \times 2 = 246$ (b) $891 \times 1 = 891$
 (c) $459 \times 2 = 918$ (d) $459 \times 3 = 1377$
 (e) $543 \times 3 = 1629$ (f) $789 \times 3 = 2367$
 (g) $234 \times 3 = 702$ (h) $317 \times 8 = 2536$
 (i) $211 \times 2 = 422$ (j) $587 \times 2 = 1174$
 (k) $785 \times 5 = 3925$ (l) $634 \times 8 = 5072$

3.



Exercise- 7.6

1. Multiply the following numbers using grouping method :

- (a) $2 \times 3 \times 4 = 24$ (b) $3 \times 4 \times 5 = 60$
 (c) $6 \times 7 \times 5 = 210$ (d) $5 \times 4 \times 2 = 40$
 (e) $8 \times 2 \times 3 = 48$ (f) $6 \times 3 \times 6 = 108$
 (g) $7 \times 4 \times 4 = 112$ (h) $7 \times 2 \times 4 = 56$
 (i) $9 \times 2 \times 1 = 18$

Exercise- 7.7

1. Multiply the following :

- (a) $53 \times 10 = 530$ (b) $78 \times 10 = 780$
 (c) $165 \times 10 = 1650$ (d) $256 \times 10 = 2560$ (e) $13 \times 100 = 1300$ (f) $78 \times 100 = 7800$ (g) $98 \times 100 = 9800$ (h) $38 \times 100 = 3800$ (i) $9 \times 1000 = 9000$ (j) $8 \times 1000 = 8000$ (k) $7 \times 1000 = 7000$ (l) $4 \times 1000 = 4000$ (m) $3 \times 100 = 300$ (n) $19 \times 100 = 1900$ (o) $6 \times 1000 = 6000$ (p) $5 \times 100 = 500$

Exercise- 7.8

1. Multiply the following :

- (a) $34 \times 20 = 680$ (b) $56 \times 40 = 2240$
 (c) $9 \times 70 = 630$ (d) $7 \times 200 = 1400$
 (e) $13 \times 30 = 390$ (f) $8 \times 90 = 720$
 (g) $2 \times 500 = 1000$ (h) $9 \times 60 = 540$
 (i) $11 \times 900 = 9900$ (j) $3 \times 300 = 900$
 (k) $13 \times 400 = 5200$ (l) $48 \times 50 = 2400$ (m) $9 \times 300 = 2700$
 (n) $5 \times 700 = 3500$
 (o) $79 \times 80 = 6320$
 (p) $19 \times 90 = 1710$

Exercise-7.9

1. Multiply the following :

- | | |
|--|---|
| <p>(a) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 57 \\ \times 62 \\ \hline 114 \\ 342 \times \\ \hline 3534 \end{array}$</p> | <p>(b) $\begin{array}{r} \text{T O} \\ 93 \\ \times 12 \\ \hline 186 \\ 93 \times \\ \hline 1116 \end{array}$</p> |
| <p>(c) $\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 79 \\ \times 33 \\ \hline 237 \\ 237 \times \\ \hline 2607 \end{array}$</p> | <p>(d) $\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 49 \\ \times 82 \\ \hline 98 \\ 392 \times \\ \hline 4018 \end{array}$</p> |

<p>(e) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{3} \\ 615 \\ \times 77 \\ \hline 4305 \\ 4305 \times \\ \hline 47355 \end{array}$</p>	<p>(f) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 588 \\ \times 21 \\ \hline 588 \\ 1176 \times \\ \hline 12348 \end{array}$</p>
--	---

<p>(g) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 235 \\ \times 32 \\ \hline 470 \\ 705 \times \\ \hline 7520 \end{array}$</p>	<p>(h) $\begin{array}{r} \text{H T O} \\ 443 \\ \times 16 \\ \hline 2658 \\ 443 \times \\ \hline 7088 \end{array}$</p>
---	---

<p>(i) $\begin{array}{r} \text{H T O} \\ \textcircled{3} \textcircled{4} \\ 435 \\ \times 19 \\ \hline 3915 \\ 435 \times \\ \hline 8265 \end{array}$</p>	<p>(k) $\begin{array}{r} \text{H T O} \\ \textcircled{3} \textcircled{4} \\ 407 \\ \times 18 \\ \hline 3256 \\ 407 \times \\ \hline 7326 \end{array}$</p>
--	--

<p>(k) $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{4} \\ 315 \\ \times 29 \\ \hline 2835 \\ 630 \times \\ \hline 9135 \end{array}$</p>	<p>(l) $\begin{array}{r} \text{H T O} \\ \textcircled{5} \textcircled{5} \\ 178 \\ \times 47 \\ \hline 1246 \\ 712 \times \\ \hline 8366 \end{array}$</p>
--	--

(m)
$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 816 \\ \times 13 \\ \hline 2448 \\ 816 \times \\ \hline 10608 \end{array}$$

2. Fill in the blanks without actual multiplication :

- (a) 0 (b) 798 (c) 0 (d) 5876 (e) 58
 (f) 32 (g) 79 (h) 98 (i) 98 (j) 893 (k) 0
 (l) 3 (m) 0 (n) 9351 (o) 12 and 21
 (p) 78 and 89

Exercise- 7.10

Problem fun

1. A bus can carry 99 people
Total number of such busses = 25

$$\begin{array}{r} \text{T H} \\ \textcircled{4} \\ 99 \\ \times 25 \\ \hline 495 \\ 198 \times \\ \hline 2475 \end{array} \text{ people}$$

2. One class has 36 tables,
5 class rooms have

$$\begin{array}{r} \text{T H} \\ \textcircled{3} \\ 36 \\ \times 5 \\ \hline 180 \end{array} \text{ tables}$$

3. Apples in a basket = 106,
36 basket contain

$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{3} \\ 106 \\ \times 36 \\ \hline 636 \\ 318 \times \\ \hline 3816 \end{array} \text{ apples}$$

4. One book has 320 pages,
Total such books = 49

$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 320 \\ \times 49 \\ \hline 2880 \\ 1280 \times \\ \hline 15680 \end{array} \text{ pages in 49 books}$$

5. 130 rows of chairs, each row has 35
chairs

$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \\ 130 \\ \times 35 \\ \hline 650 \\ 390 \times \\ \hline 4550 \end{array} \text{ chairs in} \\ \text{cinema hall}$$

6. Rohan's one month salary = ₹ 750
then two years salary is

$$\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 750 \\ \times 24 \\ \hline 3000 \\ 1500 \times \\ \hline 18000 \end{array} \text{ rupees}$$

7. 1 week = 7 days

$$\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{4} \\ 287 \\ \times 7 \\ \hline 2009 \end{array} \text{ days in 287 weeks}$$

8. 36 boxes of pencils in a box, each
box has 22 pencils,

$$\begin{array}{r} \text{T O} \\ 20 \\ \times 22 \\ \hline 40 \\ 40 \times \\ \hline 440 \end{array} \quad \begin{array}{r} \text{H T O} \\ 440 \\ \times 36 \\ \hline 2640 \\ 1320 \times \\ \hline 15840 \end{array} \text{ pencils}$$

9. Table costs 366 rupees. The cost of
95 tables.

$$\begin{array}{r} \text{H T O} \\ \textcircled{3} \textcircled{3} \\ 366 \\ \times 95 \\ \hline 1830 \\ 3294 \times \\ \hline 34770 \end{array} \text{ rupees}$$

10. 58 chalk-sticks, chalk-sticks in 105
boxes

$$\begin{array}{r} \text{H T O} \\ \textcircled{4} \\ 105 \\ \times 58 \\ \hline 840 \\ 525 \times \\ \hline 6090 \end{array} \text{ chalk-sticks in} \\ 105 \text{ boxes}$$

11. A bed sheet costs ₹ 155
cost of 25 bed sheet

$$\begin{array}{r}
 \text{H T O} \\
 \textcircled{2} \textcircled{2} \\
 155 \\
 \times 25 \\
 \hline
 775 \\
 310 \times \\
 \hline
 \text{₹ } 3875
 \end{array}$$

12. 45 beads in a chain, 48 chains, one bead costs 9

$$\begin{array}{r}
 \text{T O} \quad \quad \text{Th H T O} \\
 \textcircled{4} \quad \quad \textcircled{1} \textcircled{5} \\
 48 \quad \quad 2160 \\
 \times 45 \quad \quad \times 9 \\
 \hline
 240 \quad \quad \text{₹ } 19440 \\
 192 \times \\
 \hline
 2160 \text{ beads}
 \end{array}$$

Multiple Choice Questions

1. (d) 95 2. (a) 1248 3. (b) 59
4. (c) $(49 \times 20) + (49 \times 5)$ 5. (a) ₹ 105

Division

Exercise- 8.1

1. Divide by repeated subtraction method and find the quotient :

- (a) $12 - 3 = 9$
(b) $9 - 3 = 6$
(c) $6 - 3 = 3$
(d) $3 - 3 = 0$

Quotient = 4

Do the others as shown above.

2. Encircle (o) dividends, cross (X) divisors and tick (✓) on quotient.

- (a) $\textcircled{56} \div \overset{\times}{7} = 8$ (b) $\textcircled{15} \div \overset{\times}{5} = 3$
(c) $\textcircled{18} \div \overset{\times}{6} = 3$ (d) $\textcircled{52} \div \overset{\times}{13} = 4$
(e) $\textcircled{15} \div \overset{\times}{3} = 5$ (f) $\textcircled{33} \div \overset{\times}{3} = 11$
(g) $\textcircled{21} \div \overset{\times}{7} = 3$ (h) $\textcircled{99} \div \overset{\times}{11} = 9$

Exercise- 8.2

1. Write multiplication facts of the

following division facts :

- (a) $8 \times 7 = 56$, $7 \times 8 = 56$
(b) $9 \times 7 = 63$, $7 \times 9 = 63$
(c) $9 \times 9 = 81$
(d) $4 \times 12 = 48$, $12 \times 4 = 48$
(e) $5 \times 8 = 40$, $8 \times 5 = 40$
(f) $7 \times 6 = 42$, $6 \times 7 = 42$
(g) $8 \times 6 = 48$, $6 \times 8 = 48$
(h) $11 \times 9 = 99$, $9 \times 11 = 99$

2. Write division facts of the following multiplication facts :

- (a) $54 \div 9 = 6$, $54 \div 6 = 9$
(b) $55 \div 5 = 11$, $55 \div 11 = 5$
(c) $72 \div 9 = 8$, $72 \div 8 = 9$
(d) $42 \div 7 = 6$, $42 \div 6 = 7$
(e) $63 \div 7 = 9$, $63 \div 9 = 7$
(f) $45 \div 9 = 5$, $45 \div 5 = 9$
(g) $30 \div 6 = 5$, $30 \div 5 = 6$
(h) $36 \div 9 = 4$, $36 \div 4 = 9$

3. Solve these sums :

- (a) 1 (b) 25 (c) 19 (d) 1 (e) 1 (f) 1
(g) 36 (h) 10

4. Fill in the blanks :

- (a) Not defined (b) 0 (c) 14 (d) 0
(e) 0 (f) 16 (g) 15 (h) 0

Exercise- 8.3

1. Divide and find quotient :

- (a) $3 \overline{)63}$ (21 quotient)

$$\begin{array}{r}
 6 \\
 03 \\
 \hline
 3 \\
 \times \\
 \hline
 \end{array}$$

- (b) $2 \overline{)84}$ (42 quotient)

$$\begin{array}{r}
 8 \\
 04 \\
 \hline
 4 \\
 \times \\
 \hline
 \end{array}$$

$$(c) \quad 2 \overline{)60} \left(30 \text{ quotient} \right. \\ \begin{array}{r} 60 \\ \times \\ \hline \end{array}$$

$$(d) \quad 5 \overline{)50} \left(10 \text{ quotient} \right. \\ \begin{array}{r} 50 \\ \times \\ \hline \end{array}$$

$$(e) \quad 6 \overline{)738} \left(123 \text{ quotient} \right. \\ \begin{array}{r} 6 \\ \hline 13 \\ 12 \\ \hline 18 \\ 18 \\ \hline \times \\ \hline \end{array}$$

$$(f) \quad 2 \overline{)964} \left(482 \text{ quotient} \right. \\ \begin{array}{r} 8 \\ \hline 16 \\ 16 \\ \hline 04 \\ 4 \\ \hline \times \\ \hline \end{array}$$

$$(g) \quad 6 \overline{)666} \left(111 \text{ quotient} \right. \\ \begin{array}{r} 6 \\ \hline 06 \\ 6 \\ \hline 06 \\ 6 \\ \hline \times \\ \hline \end{array}$$

$$(h) \quad 5 \overline{)585} \left(117 \text{ quotient} \right. \\ \begin{array}{r} 5 \\ \hline 08 \\ 5 \\ \hline 35 \\ 35 \\ \hline \times \\ \hline \end{array}$$

$$(i) \quad 5 \overline{)655} \left(131 \text{ quotient} \right. \\ \begin{array}{r} 5 \\ \hline 15 \\ 15 \\ \hline 05 \\ 5 \\ \hline \times \\ \hline \end{array}$$

$$(j) \quad 5 \overline{)95} \left(19 \text{ quotient} \right. \\ \begin{array}{r} 5 \\ \hline 45 \\ 45 \\ \hline \times \\ \hline \end{array}$$

$$(k) \quad 8 \overline{)80} \left(10 \text{ quotient} \right. \\ \begin{array}{r} 80 \\ \hline \times \\ \hline \end{array}$$

$$(l) \quad 4 \overline{)932} \left(233 \text{ quotient} \right. \\ \begin{array}{r} 8 \\ \hline 13 \\ 12 \\ \hline 12 \\ 12 \\ \hline \times \\ \hline \end{array}$$

$$(m) \quad 3 \overline{)681} \text{ (227 quotient)}$$

$$\begin{array}{r} 6 \\ \hline 08 \\ \hline 6 \\ \hline 21 \\ \hline 21 \\ \hline \times \end{array}$$

$$(s) \quad 6 \overline{)948} \text{ (158 quotient)}$$

$$\begin{array}{r} 6 \\ \hline 34 \\ \hline 30 \\ \hline 48 \\ \hline 48 \\ \hline \times \end{array}$$

$$(n) \quad 2 \overline{)40} \text{ (20 quotient)}$$

$$\begin{array}{r} 20 \\ \hline \times \end{array}$$

$$(t) \quad 6 \overline{)714} \text{ (119 quotient)}$$

$$\begin{array}{r} 6 \\ \hline 11 \\ \hline 6 \\ \hline 54 \\ \hline 54 \\ \hline \times \end{array}$$

$$(o) \quad 9 \overline{)99} \text{ (11 quotient)}$$

$$\begin{array}{r} 9 \\ \hline 09 \\ \hline 9 \\ \hline \times \end{array}$$

$$(u) \quad 7 \overline{)567} \text{ (81 quotient)}$$

$$\begin{array}{r} 81 \\ \hline 56 \\ \hline 07 \\ \hline 7 \\ \hline \times \end{array}$$

$$(p) \quad 5 \overline{)815} \text{ (163 quotient)}$$

$$\begin{array}{r} 163 \\ \hline 5 \\ \hline 31 \\ \hline 30 \\ \hline 15 \\ \hline 15 \\ \hline \times \end{array}$$

Exercise- 8.4

1. Divide and verify the answers :

$$(q) \quad 2 \overline{)72} \text{ (36 quotient)}$$

$$\begin{array}{r} 36 \\ \hline 6 \\ \hline 12 \\ \hline 12 \\ \hline \times \end{array}$$

$$(a) \quad 6 \overline{)499} \text{ (83)}$$

$$\begin{array}{r} 83 \\ \hline 48 \downarrow \\ \hline 19 \\ \hline 18 \\ \hline 1 \\ \hline \end{array} \quad \begin{array}{l} \text{Check-} \\ 499 = 6 \times 83 + 1 \\ = 498 + 1 \\ = 499 \end{array}$$

$$(r) \quad 7 \overline{)854} \text{ (122 quotient)}$$

$$\begin{array}{r} 122 \\ \hline 7 \\ \hline 15 \\ \hline 14 \\ \hline 14 \\ \hline \times \end{array}$$

$$(b) \quad 7 \overline{)779} \text{ (111)}$$

$$\begin{array}{r} 111 \\ \hline 7 \downarrow \\ \hline 7 \\ \hline 7 \downarrow \\ \hline 9 \\ \hline 7 \\ \hline 2 \\ \hline \end{array} \quad \begin{array}{l} \text{Check-} \\ 779 = 7 \times 111 + 2 \\ = 779 \end{array}$$

$$\begin{array}{r} \text{(c) } 7 \overline{)688} \text{ (98)} \\ \underline{63} \\ 58 \\ \underline{56} \\ 2 \end{array}$$

$$\text{Check- } 688 = 7 \times 98 + 2 \\ = 688$$

$$\begin{array}{r} \text{(d) } 8 \overline{)89} \text{ (11)} \\ \underline{8} \\ 9 \\ \underline{8} \\ 1 \end{array}$$

$$\text{Check- } 89 = 8 \times 11 + 1 \\ = 89$$

$$\begin{array}{r} \text{(e) } 3 \overline{)2045} \text{ (681)} \\ \underline{18} \\ 24 \\ \underline{24} \\ 5 \\ \underline{3} \\ 2 \end{array}$$

$$\text{Check- } 2045 = 3 \times 681 + 2 \\ = 2045$$

$$\begin{array}{r} \text{(f) } 2 \overline{)47} \text{ (23)} \\ \underline{4} \\ 7 \\ \underline{6} \\ 1 \end{array}$$

$$\text{Check- } 47 = 2 \times 23 + 1 \\ = 47$$

$$\begin{array}{r} \text{(g) } 7 \overline{)2512} \text{ (358)} \\ \underline{21} \\ 41 \\ \underline{35} \\ 62 \\ \underline{56} \\ 6 \end{array}$$

$$\text{Check- } 2512 = 7 \times 358 + 6 \\ = 2512$$

$$\begin{array}{r} \text{(h) } 6 \overline{)600} \text{ (100)} \\ \underline{600} \\ 00 \end{array}$$

$$\text{Check- } 600 = 6 \times 100 + 0 \\ = 600$$

$$\begin{array}{r} \text{(i) } 3 \overline{)694} \text{ (231)} \\ \underline{6} \\ 9 \\ \underline{9} \\ 4 \\ \underline{3} \\ 1 \end{array}$$

$$\text{Check- } 694 = 3 \times 231 + 1 \\ = 694$$

$$\begin{array}{r} \text{(j) } 6 \overline{)69} \text{ (11)} \\ \underline{6} \\ 9 \\ \underline{6} \\ 3 \end{array}$$

$$\text{Check- } 69 = 6 \times 11 + 3 \\ = 69$$

$$\begin{array}{r} \text{(k) } 4 \overline{)225} \text{ (56)} \\ \underline{20} \\ 25 \\ \underline{24} \\ 1 \end{array}$$

$$\text{Check- } 225 = 4 \times 56 + 1 \\ = 225$$

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

$$\text{Check- } 55 = 6 \times 9 + 1 = 55$$

Exercise- 8.5

1. Divide and find quotient and remainder :

$$\text{(a) } 2 \overline{)563} \text{ (281 quotient)}$$

$$\begin{array}{r} \underline{4} \\ 16 \\ \underline{16} \\ 3 \\ \underline{2} \\ 1 \end{array}$$

Remainder

$$\text{(b) } 4 \overline{)359} \text{ (89 quotient)}$$

$$\begin{array}{r} \underline{32} \\ 39 \\ \underline{36} \\ 3 \end{array}$$

Remainder

$$\begin{array}{r}
 \text{(c) } 10 \overline{)567} \text{ (56 quotient)} \\
 \underline{50} \downarrow \\
 67 \\
 \underline{60} \\
 7 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(h) } 10 \overline{)156} \text{ (15 quotient)} \\
 \underline{10} \downarrow \\
 56 \\
 \underline{50} \\
 6 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(d) } 2 \overline{)369} \text{ (184 quotient)} \\
 \underline{2} \downarrow \\
 16 \\
 \underline{16} \downarrow \\
 9 \\
 8 \\
 \underline{1} \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(i) } 6 \overline{)401} \text{ (66 quotient)} \\
 \underline{36} \downarrow \\
 41 \\
 \underline{36} \\
 5 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(e) } 5 \overline{)835} \text{ (167 quotient)} \\
 \underline{5} \downarrow \\
 33 \\
 \underline{30} \\
 35 \\
 \underline{35} \\
 0 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(j) } 4 \overline{)395} \text{ (98 quotient)} \\
 \underline{36} \downarrow \\
 35 \\
 \underline{32} \\
 3 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(k) } 10 \overline{)870} \text{ (87 quotient)} \\
 \underline{80} \downarrow \\
 70 \\
 \underline{70} \\
 0 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(f) } 2 \overline{)289} \text{ (144 quotient)} \\
 \underline{2} \downarrow \\
 8 \\
 \underline{8} \downarrow \\
 9 \\
 8 \\
 \underline{1} \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(l) } 10 \overline{)544} \text{ (54 quotient)} \\
 \underline{50} \downarrow \\
 44 \\
 \underline{40} \\
 4 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(g) } 3 \overline{)158} \text{ (52 quotient)} \\
 \underline{15} \downarrow \\
 8 \\
 \underline{6} \\
 2 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r}
 \text{(m) } 8 \overline{)513} \text{ (64 quotient)} \\
 \underline{48} \downarrow \\
 33 \\
 \underline{32} \\
 1 \text{ Remainder}
 \end{array}$$

$$\begin{array}{r} \text{(n)} \quad 10 \overline{)198} \text{ (19 quotient)} \\ \underline{10 \downarrow} \\ 98 \\ \underline{90} \\ 8 \text{ Remainder} \end{array}$$

$$\begin{array}{r} \text{(o)} \quad 10 \overline{)876} \text{ (87 quotient)} \\ \underline{80 \downarrow} \\ 76 \\ \underline{70} \\ 6 \text{ Remainder} \end{array}$$

$$\begin{array}{r} \text{(p)} \quad 3 \overline{)264} \text{ (88 quotient)} \\ \underline{24 \downarrow} \\ 24 \\ \underline{24} \\ 0 \text{ Remainder} \end{array}$$

$$\begin{array}{r} \text{(q)} \quad 5 \overline{)561} \text{ (112 quotient)} \\ \underline{5 \downarrow} \\ 6 \downarrow \\ \underline{5 \downarrow} \\ 11 \\ \underline{10} \\ 1 \text{ Remainder} \end{array}$$

$$\begin{array}{r} \text{(r)} \quad 8 \overline{)764} \text{ (95 quotient)} \\ \underline{72 \downarrow} \\ 44 \\ \underline{40} \\ 4 \text{ Remainder} \end{array}$$

Exercise- 8.6

Problem Fun

1. A car can cover 144 km on 9 litres of petrol.

$$\begin{array}{r} 9 \overline{)144} \text{ (16 Km on 1 litre of petrol)} \\ \underline{9 \downarrow} \\ 54 \\ \underline{54} \\ 0 \end{array}$$

2. 248 earthen-lamps in 8 rows.

$$\begin{array}{r} 8 \overline{)248} \text{ (31)} \\ \underline{24 \downarrow} \\ 8 \\ \underline{8} \\ 0 \end{array} \text{ Lamps left} = 0 \text{ (Remainder)}$$

3. 7 rooms in a hostel, Total number of beds 245

$$\begin{array}{r} 7 \overline{)245} \text{ (35 beds in each room)} \\ \underline{21 \downarrow} \\ 35 \\ \underline{35} \\ 0 \end{array}$$

4. 220 cold-drinks, 10 shops

$$\begin{array}{r} 10 \overline{)220} \text{ (22)} \\ \underline{20 \downarrow} \\ 20 \\ \underline{20} \\ 0 \end{array} \text{ 22 cold-drinks on each shop}$$

5. Product of two number is 506, one of them is 2

$$\begin{array}{r} 2 \overline{)506} \text{ (253)} \\ \underline{4 \downarrow} \\ 10 \\ \underline{10 \downarrow} \\ 6 \\ \underline{6} \\ 0 \end{array} \text{ other number} = 253$$

6. 9 Kilometers in 1 litre petrol

$$\begin{array}{r} 9 \overline{)909} \text{ (101)} \\ \underline{9 \downarrow} \\ 09 \\ \underline{9} \\ 0 \end{array} \text{ Total distance} = 909 \text{ Km}$$

7. Product of two numbers 1356, one of them is 6

$$\begin{array}{r} 6 \overline{)1356} \text{ (226)} \\ \underline{12} \downarrow \\ 15 \downarrow \\ \underline{12} \downarrow \\ 36 \downarrow \\ \underline{36} \\ 0 \end{array} \text{ Other number} = 226$$

8. Total 1134 computers in 9 shops

$$\begin{array}{r} 9 \overline{)1134} \text{ (126)} \\ \underline{9} \downarrow \\ 23 \downarrow \\ \underline{18} \downarrow \\ 54 \downarrow \\ \underline{54} \\ 0 \end{array} \text{ 126 Computer in each shop}$$

9. Sachin got a salary ₹ 9872, Jan, Feb, Mar and April

$$\begin{array}{r} 4 \overline{)9872} \text{ (2468 One month salary)} \\ \underline{8} \downarrow \\ 18 \downarrow \\ \underline{16} \downarrow \\ 27 \downarrow \\ \underline{24} \downarrow \\ 32 \downarrow \\ \underline{32} \\ 0 \end{array}$$

10. 413 runs in 7 matches

$$\begin{array}{r} 7 \overline{)413} \text{ (59)} \\ \underline{35} \downarrow \\ 63 \downarrow \\ \underline{63} \\ 0 \end{array} \quad \begin{array}{r} 59 \\ \times 2 \\ \hline 118 \end{array} \text{ Runs}$$

59 runs in a single match and
118 runs in two matches

11. Abhishek got 256 marks in computer Geography, English and Maths

$$\begin{array}{r} 2 \overline{)256} \text{ (128)} \\ \underline{2} \downarrow \\ 5 \downarrow \\ \underline{4} \downarrow \\ 16 \downarrow \\ \underline{16} \\ 0 \end{array}$$

12. In a cricket match four categories = 10 Rs., 20 Rs., 30 Rs., 40 Rs.

Total ticket = 2010

Sold ticket 20 654

Balance ticket $\underline{1356}$ $3 \overline{)1356} \text{ (452)}$

So, 10 Rs = 452

30 Rs = 452

40 Rs = 452

$$\begin{array}{r} 3 \overline{)1356} \text{ (452)} \\ \underline{12} \downarrow \\ 15 \downarrow \\ \underline{15} \downarrow \\ 6 \downarrow \\ \underline{6} \\ 0 \end{array}$$

Thus the ticket of 30 category = 452 Ans

13. 4920 chairs arranged in 12 equal circles

$$\begin{array}{r} 12 \overline{)4920} \text{ (410 Chairs in each circle)} \\ \underline{48} \downarrow \\ 12 \downarrow \\ \underline{12} \\ 0 \end{array}$$

Multiple Choice Question

Choose the correct answer :

- (d) 11 times
- (c) 8
- (a) $36 \div 9 = 4$
- (b) $6 \times 9 = 54$
- (d) $0 \div 2 = 2$
- (b) 1

9. Indian Currency

Exercise- 9.1

1. Convert the following amounts of paise into rupees :

- (a) Rs 00.85 (b) Rs. 78.90 (c) Rs 1.60 (d) Rs. 182.05 (e) Rs. 7.90 (f) Rs. 23.65 (g) Rs. 10.70 (h) Rs. 31.80 (i) Rs. 60.80 (j) Rs. 25.60

2. Write the following amounts in rupees and paise :

- (a) Rs. 1020.75 (b) Rs. 6.05
(c) Rs. 390.75 (d) Rs. 2006.05
(e) Rs. 9909.95

3. Fill in the blanks :

- (a) 1700p (b) 7800p
(c) 10500p (d) 90800p

Exercise-9.2

1. Add the following :

$$\begin{array}{r} \text{(a)} \quad 1 \ 9 \ 8 \ 7 \ \text{Rs} \\ + \quad 1 \ 8 \ 0 \ \text{Rs} \\ \hline \quad \quad 2 \ 0 \ \text{Rs} \\ \hline \underline{2 \ 1 \ 8 \ 7} \ \text{Rs} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 5 \ 0 \ 0 \ \text{Rs} \\ + \quad 1 \ 9 \ 0 \ \text{Rs} \\ \hline \quad \quad 5 \ \text{Rs} \\ \hline \underline{6 \ 9 \ 5} \ \text{Rs} \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 2 \ 1 \ \text{Rs} \\ + \quad 1 \ 5 \ \text{Rs} \\ \hline \quad \quad 2 \ 0 \ \text{Rs} \\ \hline \underline{5 \ 6} \ \text{Rs} \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 7 \ 0 \ \text{Rs} \\ + \quad 1 \ 0 \ \text{Rs} \\ \hline \quad \quad 9 \ 0 \ \text{Rs} \\ \hline \underline{17 \ 0} \ \text{Rs} \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{Rs.} \quad \text{P.} \\ 1 \ 2 \ 5 \ . \ 2 \ 5 \\ + \quad 0 \ 5 \ 0 \ . \ 0 \ 5 \\ \hline \underline{1 \ 7 \ 5 \ . \ 3 \ 0} \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{Rs.} \quad \text{P.} \\ 8 \ 9 \ . \ 7 \ 0 \\ + \quad 1 \ 3 \ 5 \ . \ 1 \ 5 \\ \hline \underline{2 \ 2 \ 4 \ . \ 8 \ 5} \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \text{Rs.} \quad \text{P.} \\ 1 \ 2 \ 5 \ . \ 0 \ 8 \\ + \quad 0 \ 3 \ 8 \ . \ 9 \ 8 \\ + \quad 0 \ 1 \ 0 \ . \ 1 \ 0 \\ \hline \underline{1 \ 7 \ 4 \ . \ 1 \ 6} \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \text{Rs.} \quad \text{P.} \\ 5 \ 3 \ 7 \ . \ 8 \ 6 \\ + \quad 1 \ 0 \ 5 \ . \ 5 \ 0 \\ + \quad \quad \quad 5 \ . \ 0 \ 0 \\ \hline \underline{6 \ 4 \ 8 \ . \ 3 \ 6} \end{array}$$

$$\begin{array}{r} \text{(i)} \quad \text{Rs.} \quad \text{P.} \\ 7 \ . \ 9 \ 9 \\ + \quad 1 \ 3 \ . \ 0 \ 5 \\ + \quad 1 \ 5 \ 6 \ . \ 0 \ 0 \\ \hline \underline{1 \ 7 \ 7 \ . \ 0 \ 4} \end{array}$$

$$\begin{array}{r} \text{(j)} \quad \text{Rs.} \quad \text{P.} \\ 6 \ . \ 2 \ 8 \\ + \quad 1 \ 5 \ . \ 3 \ 0 \\ + \quad 1 \ 2 \ 8 \ . \ 4 \ 1 \\ \hline \underline{1 \ 4 \ 9 \ . \ 9 \ 9} \end{array}$$

2. Subtract the following :

$$\begin{array}{r} \text{(a)} \quad \begin{array}{cccc} 0 & 9 & 9 & 10 \\ \cancel{1} & \cancel{0} & \cancel{0} & \cancel{0} \\ - & 3 & 5 & 2 \\ \hline & 6 & 4 & 8 \end{array} \ \text{Rs.} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 5 \ 9 \ 3 \\ - \quad 1 \ 0 \ 0 \\ \hline \underline{4 \ 9 \ 3} \ \text{Rs.} \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \begin{array}{ccc} & 1 & 9 \\ 2 & \cancel{0} & \cancel{0} \\ - & 1 & 5 \ 9 \\ \hline & 0 & 4 \ 1 \end{array} \ \text{Rs.} \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \overset{1}{2} \overset{9}{0} \overset{9}{0} . \overset{9}{0} \overset{10}{0} \\ - \quad \quad \quad 0 . 75 \\ \hline 199.25 \text{ Rs.} \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{Rs.} \quad \text{P.} \\ \quad \quad \quad \overset{4}{1} \overset{10}{0} \\ 186.80 \\ - 010.25 \\ \hline 176.25 \text{ Rs.} \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{Rs.} \quad \text{P.} \\ \quad \quad \quad \overset{5}{8} \overset{10}{5} \\ 85.60 \\ - 20.21 \\ \hline 65.39 \text{ Rs.} \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \text{Rs.} \quad \text{P.} \\ 525.20 \\ - 125.00 \\ \hline 400.20 \text{ Rs.} \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \text{Rs.} \quad \text{P.} \\ 100.80 \\ - 20.00 \\ \hline 80.80 \text{ Rs.} \end{array}$$

Exercise- 9.3

Problem fun

1. Rajni bought a copy for ₹ 7.00
Rajni bought pencils for ₹ 2.25
Rajni bought chocolate for .75 P.

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ 7.00 \\ + 2.25 \\ \quad .75 \\ \hline \text{Spent money} = 10.00 \text{ Rs.} \end{array}$$

2. Sheela bought a toy for ₹ 15.00
Sheela bought packet of chocolates ₹ 78.80.
sheela spend

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ 15.00 \\ 78.80 \\ \hline 93.80 \text{ Rs. Sheela spend} \end{array}$$

3. Pankaj had money = ₹ 100
He spent – ₹ 75.75 on his birthday party

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ \overset{0}{1} \overset{9}{0} \overset{9}{0} . \overset{9}{0} \overset{10}{0} \\ - 75.75 \\ \hline 24.25 \end{array}$$

pankaj left ₹ 24.25.

4. A woman bought cusmeties ₹ 90.00

A woman bought fruits ₹ 48.90

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ 35.50 \\ 90.00 \\ + 48.90 \\ \hline 174.40 \end{array}$$

Total Amount She spent = ₹ 174.40

5. A woman bought a radio in ₹ 150.90.

A woman bought dresses in ₹ 660.60.

Spent on conveyance ₹ = 20.80.

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ 150.90 \\ 660.60 \\ + 20.80 \\ \hline 832.30 \end{array}$$

Total spent money

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ \text{She had} = 1000.00 \\ \text{she spent} = - 832.30 \\ \hline 167.70 \text{ left} \end{array}$$

6. Rishi bought refind oil in ₹ 78.80
Rishi bought rice in ₹ 108.76

$$\begin{array}{r} \text{Rs.} \quad \text{P.} \\ 78.80 \\ + 108.76 \\ \hline \text{Total cost} = 187.56 \text{ Rs.} \end{array}$$

$$\begin{array}{r}
 \text{Rs.} \quad \text{P.} \\
 \text{He had} \quad 5 \ 0 \ 0 \ . \ 0 \ 0 \\
 \text{He spent} \quad - \ 1 \ 8 \ 7 \ . \ 5 \ 6 \\
 \hline
 \quad \quad \quad 3 \ 1 \ 2 \ . \ 4 \ 4
 \end{array}$$

Rs. He left

7. Sam bought a book in 2 0 . 2 5
 Sam bought a pen in + 1 5 . 5 0
 Sam bought a note book in 1 2 . 5 0
 Total cost = $\underline{4 \ 8 \ . \ 2 \ 5}$

Rs.

$$\begin{array}{r}
 \text{Rs.} \quad \text{P.} \\
 \text{He had total money} \ 1 \ 0 \ 0 \ . \ 0 \ 0 \\
 \text{He had spent} \quad - \ 4 \ 8 \ . \ 2 \ 5 \\
 \hline
 \quad \quad \quad 5 \ 1 \ . \ 7 \ 5
 \end{array}$$

He get back ₹ 51.75

8. Total cost of a saree + a pant = 532.00

Pant cost ₹ = 312.50

$$\begin{array}{r}
 \text{Rs.} \quad \text{P.} \\
 5 \ 3 \ 2 \ . \ 0 \ 0 \\
 - \ 3 \ 1 \ 2 \ . \ 5 \ 0 \\
 \hline
 \underline{2 \ 1 \ 9 \ . \ 5 \ 0} \quad \text{Rs. cost of saree}
 \end{array}$$

9. Cost of clothes = ₹ 756

Cost of curtain = ₹ 255

Cost a bed sheet = ₹ 415

Cost a toy = ₹ 50

$$\begin{array}{r}
 \text{Rs.} \quad \text{P.} \\
 7 \ 5 \ 6 \ . \ 0 \ 0 \\
 2 \ 5 \ 5 \ . \ 0 \ 0 \\
 4 \ 1 \ 5 \ . \ 0 \ 0 \\
 + \ 5 \ 0 \ . \ 0 \ 0 \\
 \hline
 \underline{14 \ 7 \ 6 \ . \ 0 \ 0} \quad \text{Rs. she spent}
 \end{array}$$

$$\begin{array}{r}
 \text{Rs.} \quad \text{P.} \\
 1 \ 5 \ 0 \ 0 \ . \ 0 \ 0 \\
 \text{She had total} - \ 1 \ 4 \ 7 \ 6 \ . \ 0 \ 0 \\
 \hline
 \text{she spent} \quad \quad \quad \underline{\quad \quad \quad \text{₹} \ 2 \ 4 \ . \ 0 \ 0} \\
 \quad \quad \quad \text{Rs. she left}
 \end{array}$$

Multiple Choice Questions

1. (c) ₹ 9.09 2. (a) ₹ 0.92 3. (b) 7156 P
 4. (a) 40 rupees 37 paise 5. (C) ₹ 68.76

10 Metric Measures

Exercise- 10.1

1. Fill in the blanks :

- (a) 1000 m (b) 100 cm (c) 5000 m
 (d) 1500 cm

2. Metres

3. Convert the following lengths into metres :

- (a) 5m 83 cm (b) 6m 25cm (c) 5m 89cm (d) 7m 68 cm (e) 7m (f) 6m 7cm

4. Match the following :

Column A

Column B

- (a) 15m (ii) 1500cm
 (b) 780cm (i) 7m 80cm
 (c) 3km (ii) 3000m
 (d) 787cm (v) 7m 87cm
 (e) 1m 10cm (iv) 110cm

Exercise- 10.2

1. Add the following with conversion :

(a) $\begin{array}{r} 40 \ 40 \ \text{cm} \\ + \ 50 \ 49 \ \text{cm} \\ \hline 90 \ 89 \ \text{cm} \end{array}$
 or 90 m 89 cm

(b) $\begin{array}{r} 38 \ 14 \ \text{cm} \\ + \ 45 \ 05 \ \text{cm} \\ \hline 83 \ 19 \ \text{cm} \end{array}$
 or 83 m 19 cm

(c) $\begin{array}{r} 15 \ 37 \ \text{cm} \\ + \ 38 \ 06 \ \text{cm} \\ \hline 53 \ 43 \ \text{cm} \end{array}$
 or 53 m 43 cm

$$\begin{array}{r} \text{(d)} \quad 78 \text{ 18 cm} \\ + 14 \text{ 15 cm} \\ \hline 92 \text{ 33 cm} \\ \text{or 92 m 33 cm} \end{array}$$

2. Add the following without conversion :

$$\begin{array}{r} \text{(a)} \quad \text{m} \quad \text{cm} \\ 57 \quad 12 \\ + 10 \quad 05 \\ \hline 67 \text{ . } 17 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{m} \quad \text{cm} \\ 7 \quad 10 \\ + 15 \quad 18 \\ \hline 22 \text{ . } 28 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{m} \quad \text{cm} \\ 21 \quad 85 \\ + 42 \quad 12 \\ \hline 63 \text{ . } 97 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{m} \quad \text{cm} \\ 132 \quad 32 \\ + 015 \quad 00 \\ \hline 147 \text{ . } 32 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{m} \quad \text{cm} \\ 17 \quad 18 \\ + 18 \quad 17 \\ \hline 35 \text{ . } 35 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{m} \quad \text{cm} \\ 40 \quad 60 \\ + 60 \quad 95 \\ \hline 101 \text{ . } 55 \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \text{m} \quad \text{cm} \\ 137 \quad 38 \\ + 015 \quad 45 \\ \hline 152 \text{ . } 83 \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \text{m} \quad \text{cm} \\ 39 \quad 47 \\ + 115 \quad 08 \\ \hline 154 \text{ . } 55 \end{array}$$

$$\begin{array}{r} \text{(i)} \quad \text{m} \quad \text{cm} \\ 66 \quad 22 \\ + 33 \quad 66 \\ \hline 99 \text{ . } 88 \end{array}$$

$$\begin{array}{r} \text{(j)} \quad \text{m} \quad \text{cm} \\ 38 \quad 25 \\ + 15 \quad 15 \\ \hline 53 \text{ . } 40 \end{array}$$

$$\begin{array}{r} \text{(k)} \quad \text{m} \quad \text{cm} \\ 39 \quad 47 \\ + 11 \quad 08 \\ \hline 50 \text{ . } 55 \end{array}$$

$$\begin{array}{r} \text{(l)} \quad \text{m} \quad \text{cm} \\ 77 \quad 11 \\ + 88 \quad 99 \\ \hline 166 \text{ . } 10 \end{array}$$

$$\begin{array}{r} \text{(m)} \quad \text{m} \quad \text{cm} \\ 25 \quad 25 \\ + 78 \quad 15 \\ \hline 103 \text{ . } 40 \end{array}$$

$$\begin{array}{r} \text{(n)} \quad \text{m} \quad \text{cm} \\ 90 \quad 20 \\ + 20 \quad 25 \\ \hline 110 \text{ . } 45 \end{array}$$

$$\begin{array}{r} \text{(o)} \quad \text{m} \quad \text{cm} \\ 77 \quad 20 \\ + 20 \quad 11 \\ \hline 97 \text{ . } 31 \end{array}$$

3. Add the following conversion:

$$\begin{array}{r} \text{(a)} \quad 18 \text{ km } 837 \text{ m, } 15 \text{ km } 189 \text{ m} \\ 18 \text{ 8 3 7 m} \\ + 15 \text{ 1 8 9 m} \\ \hline 34 \text{ 0 2 6 m} \\ \text{or 34 km 26 m} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 7 \text{ km } 972 \text{ m, } 3 \text{ km } 68 \text{ m and } \\ 17 \text{ km } 5 \text{ m} \\ 7 \text{ 9 7 2 m} \\ + 3 \text{ 0 6 8 m} \\ \hline 17 \text{ 0 0 5 m} \\ 28 \text{ 0 4 5 m} \\ \text{or 28 km 45 m} \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 24 \text{ km } 15 \text{ m, } 37 \text{ km } 203 \text{ m and } \\ 15 \text{ km } 135 \text{ m} \\ 2 \text{ 4 0 1 5 m} \\ + 3 \text{ 7 2 0 3 m} \\ \hline 1 \text{ 5 1 3 5 m} \\ 7 \text{ 6 3 5 3 m} \\ \text{or 76 km 353 m} \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 110 \text{ km } 5 \text{ m, } 25 \text{ km } 88 \text{ m} \\ 110 \text{ 0 0 5 m} \\ + 25 \text{ 0 8 8 m} \\ \hline 135 \text{ 0 9 3 m} \\ \text{or 135 km 93 m} \end{array}$$

4. Add the following without conversion :

$$\begin{array}{r} \text{(a)} \quad \text{km} \quad \text{m} \\ 15 \quad 577 \\ + 82 \quad 019 \\ \hline 97 \text{ . } 596 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{km} \quad \text{m} \\ 18 \quad 075 \\ + 15 \quad 928 \\ \hline 34 \text{ . } 003 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{km} \quad \text{m} \\ 29 \quad 392 \\ + 39 \quad 495 \\ \hline 68 \text{ . } 887 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{km} \quad \text{m} \\ 55 \quad 200 \\ + 15 \quad 155 \\ \hline 70 \quad 355 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{km} \quad \text{m} \\ 86 \quad 014 \\ + 15 \quad 014 \\ \hline 101 \quad 028 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{km} \quad \text{m} \\ 46 \quad 464 \\ + 52 \quad 526 \\ \hline 98 \quad 990 \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \text{km} \quad \text{m} \\ 3 \quad 200 \\ + 15 \quad 809 \\ \hline 19 \quad 009 \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \text{km} \quad \text{m} \\ 78 \quad 871 \\ + 15 \quad 231 \\ \hline 94 \quad 102 \end{array}$$

$$\begin{array}{r} \text{(i)} \quad \text{km} \quad \text{m} \\ 67 \quad 235 \\ + 96 \quad 486 \\ \hline 163 \quad 721 \end{array}$$

$$\begin{array}{r} \text{(j)} \quad \text{km} \quad \text{m} \\ 58 \quad 078 \\ + 9 \quad 135 \\ \hline 29 \quad 065 \\ \hline 96 \quad 278 \end{array}$$

$$\begin{array}{r} \text{(k)} \quad \text{km} \quad \text{m} \\ 38 \quad 187 \\ + 15 \quad 200 \\ \hline 16 \quad 100 \\ \hline 69 \quad 487 \end{array}$$

$$\begin{array}{r} \text{(l)} \quad \text{km} \quad \text{m} \\ 72 \quad 791 \\ + 18 \quad 257 \\ \hline 47 \quad 679 \\ \hline 138 \quad 727 \end{array}$$

Exercise- 10.3

(a) 25m 78 cm from 79 m 23 cm

$$\begin{array}{r} 79 \quad 23 \text{ cm} \\ - 25 \quad 78 \text{ cm} \\ \hline 53 \quad 45 \text{ cm} \end{array}$$

or 53 m 45 cm

(b) 3 km 234 m from 5 km 565 m

$$\begin{array}{r} 5 \quad 565 \text{ m} \\ - 3 \quad 234 \text{ m} \\ \hline 2 \quad 331 \text{ m} \end{array}$$

or 2 m 231 cm

(c) 8 km 85 m from 9 km

$$\begin{array}{r} 9 \quad 000 \text{ m} \\ - 8 \quad 085 \text{ m} \\ \hline 915 \text{ m} \end{array}$$

915 m

(d) 36 m 10 cm from 73 m 11 cm

$$\begin{array}{r} 73 \quad 11 \text{ cm} \\ - 36 \quad 10 \text{ cm} \\ \hline 37 \quad 01 \text{ cm} \end{array}$$

or 37 m 1 cm

2. Subtract the following without conversion :

$$\begin{array}{r} \text{(a)} \quad \text{m} \quad \text{cm} \\ 8 \quad 12 \\ - 9 \quad 3 \\ \hline 65 \quad 28 \\ \hline 27 \quad 87 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{m} \quad \text{cm} \\ 78 \quad 17 \\ - 43 \quad 2 \\ \hline 35 \quad 15 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{m} \quad \text{cm} \\ 12 \quad 69 \\ - 4 \quad 96 \\ \hline 7 \quad 73 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{m} \quad \text{cm} \\ 58 \quad 23 \\ - 46 \quad 11 \\ \hline 12 \quad 12 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{m} \quad \text{cm} \\ 55 \quad 88 \\ - 22 \quad 77 \\ \hline 33 \quad 11 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{m} \quad \text{cm} \\ 29 \quad 18 \\ - 19 \quad 13 \\ \hline 9 \quad 78 \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \text{km} \quad \text{m} \\ 8 \quad 634 \\ - 7 \quad 285 \\ \hline 1 \quad 349 \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \text{km} \quad \text{m} \\ 5 \quad 870 \\ - 5 \quad 120 \\ \hline 0 \quad 750 \end{array}$$

$$\begin{array}{r} \text{(i)} \quad \text{km} \quad \text{m} \\ 86 \quad 486 \\ - 29 \quad 269 \\ \hline 57 \quad 217 \end{array}$$

Exercise- 10.4

1. Man bought 27 m 15 cm cloth of white color
Man bought 38 m 26 cm cloth of blue color

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 27 \quad 15 \\ + 38 \quad 26 \\ \hline 65 \quad 41 \end{array} \text{ Man bought 65 m } \\ \text{41 cm cloth.}$$

2. Length of one rope 6 m 28 cm
Length of other rope 5 m 18 cm

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 6 \quad 28 \\ + 5 \quad 18 \\ \hline 11 \quad 46 \end{array} \text{ Total length}$$

3. Shopkeeper had 215 m cloth
He sells out 105 m 23 cm

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 215 \quad \overset{4}{0} \overset{9}{0} \\ - 105 \quad 23 \\ \hline 109 \quad 77 \end{array} \text{ left}$$

4. Plastic wire contains 80 m 20 cm
Used wire 35 m 10 cm

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 80 \quad 20 \\ - 35 \quad 10 \\ \hline 45 \quad 10 \end{array} \text{ Wire left}$$

5. A car travels 8 km 20 m in morning
A car travels 7 km 15 m in evening.

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 8 \quad 020 \\ + 7 \quad 015 \\ \hline 15 \quad 035 \end{array}$$

6. Vikas jumped 2 m 50 cm height
Mohan jumped 1 m 95 cm height

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 2 \quad 50 \\ - 1 \quad 95 \\ \hline 0 \quad 55 \end{array} \text{ cm Vikas}$$

7. (i) Vaishali had 36 m cloth, she gave 3 m 40 cm for her skirt, 4 m 50 cm shirt, 3 m 80 cm for her

$$\begin{array}{r} \text{frock} \quad \text{m} \quad \text{cm} \\ 3 \quad 40 \quad \text{Skirt} \\ 4 \quad 50 \quad \text{Shirt} \\ + 3 \quad 80 \quad \text{Frock} \\ \hline 11 \quad 70 \quad \text{Total cloth} \end{array}$$

$$\begin{array}{r} \text{(ii)} \quad \text{m} \quad \text{cm} \\ 36 \quad 00 \\ - 11 \quad 70 \\ \hline 24 \quad 30 \end{array} \text{ 24 m 30 cm cloth } \\ \text{left with her.}$$

8. Prabha bought 4 m 30 cm of green ribbon
Prabha bought 5 m 40 cm of white ribbon
15 m 00 cm of black ribbon

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 4 \quad 30 \\ 5 \quad 40 \\ + 15 \quad 00 \\ \hline 24 \quad 70 \end{array} \text{ Total length}$$

9. Length of a blue thread is 38 m,
Length of a pink thread is 40 m
48 cm

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 40 \quad 48 \quad \text{Pink} \\ - 38 \quad 00 \quad \text{Blue} \\ \hline 02 \quad 48 \quad \text{Pink} \end{array}$$

10. Shopkeeper bought a rope of length 47 m 37 cm

$$\begin{array}{r} \text{Another of length 57 m 90 m} \\ \text{m} \quad \text{cm} \\ 47 \quad 37 \quad \text{Pink} \\ + 57 \quad 90 \quad \text{Blue} \\ \hline 105 \quad 27 \end{array}$$

11. Total cloth = 50 cm
Cuts of 25 m to stitch some pants.

$$\begin{array}{r} \text{m} \quad \text{cm} \\ \overset{4}{\cancel{5}}\overset{9}{0} \quad \overset{10}{\cancel{0}}\overset{0}{} \\ - \quad 25 \quad 40 \\ \hline 24 \quad 60 \end{array} \text{ cloth remains}$$

12. Rita had 100 m of blue thread she gave 25 m 36 cm to her brother

$$\begin{array}{r} \text{m} \quad \text{cm} \\ \overset{9}{\cancel{1}}\overset{9}{0} \quad \overset{9}{\cancel{0}}\overset{10}{0} \\ - \quad 25 \quad 36 \\ \hline 74 \quad 64 \end{array} \text{ thread left}$$

13. A cloth merchant had 200m of cloth.

He sold 50 m 40 cm to one customer

40 m to another customer.

(i)

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 50 \quad 40 \\ + 40 \quad 00 \\ \hline 90 \quad 40 \end{array} \text{ cloth sold}$$

(ii)

$$\begin{array}{r} \text{m} \quad \text{cm} \\ \overset{1}{\cancel{2}}\overset{0}{0} \quad \overset{10}{\cancel{0}}\overset{0}{} \\ - \quad 90 \quad 40 \\ \hline 109 \quad 60 \end{array} \text{ cloth remains}$$

Exercise- 10.5

1. Fill in the blanks :

- (a) 7kg (b) 5000 g (c) 1kg
(d) 2000 g (e) 6kg (f) 9000 g

2. Convert into grams :

- (a) 3000 g (b) 5000 g (c) 8250 g
(d) 5750 g (e) 7015 g (f) 8008 g

3. Convert into kg and grams :

- (a) 8kg 760 g (b) 1kg 560 g
(c) 2kg 869 g (d) 4kg 700 gm
(e) 2kg 835 g (f) 4kg 444 g

4. Convert into kg :

- (a) 5 kg (b) 7 kg (c) 8 kg
(d) 15 kg (e) 9 kg (f) 2 kg

Exercise- 10.6

1. Add the following with conversion :

(a)

$$\begin{array}{r} 3256 \text{ g} \\ + 5111 \text{ g} \\ \hline 8367 \text{ g} \\ \text{or } 8 \text{ kg } 367 \text{ g} \end{array}$$

(b)

$$\begin{array}{r} 2110 \text{ g} \\ + 6010 \text{ g} \\ \hline 8120 \text{ g} \\ \text{or } 8 \text{ kg } 120 \text{ g} \end{array}$$

(c)

$$\begin{array}{r} 7070 \text{ g} \\ + 1002 \text{ g} \\ \hline 8072 \text{ g} \\ \text{or } 8 \text{ kg } 72 \text{ g} \end{array}$$

(d)

$$\begin{array}{r} 5560 \text{ g} \\ + 4450 \text{ g} \\ \hline 10010 \text{ g} \\ \text{or } 10 \text{ kg } 10 \text{ g} \end{array}$$

2. Add the following without conversion :

(a)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 3 \quad 123 \\ + 5 \quad 560 \\ \hline 8 \quad 683 \end{array}$$

(b)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 6 \quad 010 \\ + 5 \quad 135 \\ \hline 11 \quad 145 \end{array}$$

(c)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 19 \quad 370 \\ + 43 \quad 480 \\ \hline 62 \quad 850 \end{array}$$

(d)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 5 \quad 250 \\ + 6 \quad 150 \\ \hline 11 \quad 400 \end{array}$$

(e)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 8 \quad 230 \\ + 3 \quad 105 \\ \hline 11 \quad 335 \end{array}$$

(f)

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 48 \quad 480 \\ + 98 \quad 846 \\ \hline 147 \quad 326 \end{array}$$

3. Add the following :

$$\begin{array}{r} \text{(a)} \quad \text{kg} \quad \text{g} \\ 4 \quad 507 \\ + 4 \quad 555 \\ \hline 9 \quad 062 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{kg} \quad \text{g} \\ 8 \quad 23 \\ + 2 \quad 123 \\ \hline 10 \quad 146 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{kg} \quad \text{g} \\ 13 \quad 550 \\ + 2 \quad 150 \\ \hline 15 \quad 700 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{kg} \quad \text{g} \\ 2 \quad 980 \\ + 5 \quad 000 \\ \hline 7 \quad 980 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{kg} \quad \text{g} \\ 5 \quad 050 \\ + 0 \quad 500 \\ \hline 5 \quad 550 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{kg} \quad \text{g} \\ 3 \quad 200 \\ + 8 \quad 000 \\ \hline 11 \quad 200 \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \text{kg} \quad \text{g} \\ 8 \quad 700 \\ + 2 \quad 300 \\ \hline 11 \quad 000 \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \text{kg} \quad \text{g} \\ 4 \quad 500 \\ + 3 \quad 300 \\ \hline 7 \quad 800 \end{array}$$

Exercise- 10.7

1. Subtract the following with conversion :

$$\begin{array}{r} \text{(a)} \quad 8578 \text{ g} \\ - 4462 \text{ g} \\ \hline 4116 \text{ g} \end{array}$$

or 4 kg 116 g

$$\begin{array}{r} \text{(b)} \quad 7075 \text{ g} \\ - 2050 \text{ g} \\ \hline 5025 \text{ g} \end{array}$$

or 5 kg 25 g

$$\begin{array}{r} \text{(c)} \quad 5250 \text{ g} \\ - 3150 \text{ g} \\ \hline 2100 \text{ g} \end{array}$$

or 2 kg 100 g

$$\begin{array}{r} \text{(d)} \quad 8123 \text{ g} \\ - 4342 \text{ g} \\ \hline 3781 \text{ g} \end{array}$$

or 3 kg 781 g

2. Subtract the following without conversion :

$$\begin{array}{r} \text{(a)} \quad \text{kg} \quad \text{g} \\ 42 \quad 434 \\ - 31 \quad 213 \\ \hline 11 \quad 221 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{kg} \quad \text{g} \\ 37 \quad 728 \\ - 24 \quad 411 \\ \hline 13 \quad 317 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{kg} \quad \text{g} \\ 72 \quad 405 \\ - 36 \quad 496 \\ \hline 35 \quad 909 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{kg} \quad \text{g} \\ 8 \quad 243 \\ - 2 \quad 185 \\ \hline 6 \quad 058 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \text{kg} \quad \text{g} \\ 72 \quad 152 \\ - 24 \quad 363 \\ \hline 47 \quad 789 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \text{kg} \quad \text{g} \\ 49 \quad 246 \\ - 24 \quad 428 \\ \hline 24 \quad 818 \end{array}$$

3. Subtract the following :

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 4 \quad 000 \\ - 3 \quad 785 \\ \hline 0 \quad 215 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 39 \quad 235 \\ - 18 \quad 178 \\ \hline 21 \quad 057 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 35 \quad 25 \\ - 17 \quad 00 \\ \hline 18 \quad 25 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 50 \quad 000 \\ - 22 \quad 737 \\ \hline 27 \quad 263 \end{array}$$

Exercise- 10.8

Problem fun

1. The weight of one bag of wheat 61 kg

The weight of one another of wheat 50 kg 243 g

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 61 \quad 000 \\ + 50 \quad 243 \\ \hline 111 \quad 243 \end{array} \text{ Total weight}$$

2. Sunita bought 8 kg 285 g of sugar
Sunita bought 12 kg 250 g of rice.

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 8 \quad 285 \text{ sugar} \\ + 12 \quad 250 \text{ rice} \\ \hline 20 \quad 535 \end{array} \text{ Total weight}$$

3. The weight of a boy = 45 kg
He lost 2 kg 25g due to fever.

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 45 \quad 000 \\ + 2 \quad 025 \\ \hline 42 \quad 975 \end{array} \text{ present weight}$$

4. Bucket full of water weight 20 kg,
empty bucket

Full of water weight 2 kg 25 g

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 20 \quad 000 \text{ Bucket water} \\ + 2 \quad 025 \text{ Bucket} \\ \hline 17 \quad 975 \text{ water} \end{array}$$

5. Subhash bought 7 kg 100 g of oranges

Subhash bought 8 kg of apples

2 kg 250 g of coconuts

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 7 \quad 100 \text{ Oranges} \\ + 8 \quad 000 \text{ apples} \\ + 2 \quad 250 \text{ coconuts} \\ \hline 17 \quad 350 \text{ Total weight} \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 2 \quad 0 \\ + 5 \quad 0 \\ \hline 7 \quad 0 \end{array} \quad \begin{array}{r} \text{kg} \quad \text{g} \\ 8 \quad 000 \\ + 5 \quad 250 \\ \hline 13 \quad 250 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 13 \quad 250 \\ - 7 \quad 000 \\ \hline 6 \quad 250 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 5 \quad 000 \\ - 2 \quad 020 \\ \hline 2 \quad 980 \end{array} \quad \begin{array}{r} \text{kg} \quad \text{g} \\ 7 \quad 000 \\ + 2 \quad 000 \\ \hline 9 \quad 000 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 9 \quad 000 \\ - 2 \quad 980 \\ \hline 6 \quad 020 \end{array}$$

8. The weight of three girls = 125 kg
Two girls weight = 38 kg 20 g and
35 kg

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 38 \quad 020 \\ + 35 \quad 000 \\ \hline 73 \quad 020 \end{array} \quad \begin{array}{r} \text{kg} \quad \text{g} \\ 125 \quad 000 \\ - 73 \quad 020 \\ \hline 51 \quad 980 \end{array}$$

9. A man bought 8 kg 500 g of sweet
He distributed 4 kg 250 g of sweet

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 8 \quad 500 \\ - 4 \quad 250 \\ \hline 4 \quad 250 \end{array} \text{ sweet left}$$

10. Shekhar had 3 kg 250 g wheat in tin
and added 2 kg 500 g wheat in
tin

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 3 \quad 250 \\ + 2 \quad 500 \\ \hline 5 \quad 750 \end{array} \text{ Total wheat}$$

Exercise- 10.9

1. Convert the following into litres
and milliliters.

(a) 2 L 78 ml (b) 5 L (c) 2 L 468 ml
(d) 5 L 877 ml (e) 6 L 500 ml (f) 2 L

2. Convert the following into
millilitres

(A) 8000 ml (b) 6000 ml (c) 10000
ml (d) 15000 ml (e) 21500 ml (f)
25250 ml

3. Fill in the blanks :

(a) 3 L 78 ml (b) 3 L 8 ml (c) 8 L
776 ml (d) 25000 ml (e) 12000 ml
(f) 8025 ml (g) 10015 ml

Exercise- 10.10

Problem fun

1.
$$\begin{array}{r} 9000 \text{ ml} \\ - 4000 \text{ ml} \\ \hline 5000 \text{ ml} \end{array}$$
 or 9000 ml is more

2. Shefali bought 5 l of milk
Shefali used 2 l 780 ml for
preparing cheese

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 5 \quad 000 \\ - 2 \quad 780 \\ \hline 2 \quad 220 \end{array} \text{ left milk}$$

3. Atin contains 4 L 250 ml of
Kerosine oil
Add to that tin 5 L 750 ml oil

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 4 \quad 250 \\ + 5 \quad 750 \\ \hline 10 \quad 000 \end{array} \text{ left milk}$$

4. A shopkeeper sold 20 L refined
on Monday

A shopkeeper sold 25 L refined
255 ml on Tuesday

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 20 \quad 000 \\ + 25 \quad 255 \\ \hline 45 \quad 255 \end{array} \text{ sold in tow days altogether}$$

5. A tin contains 45 L of oil
Used oil 13 L 125 ml

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 45 \quad 000 \\ - 13 \quad 125 \\ \hline 31 \quad 875 \end{array} \text{ oil is left in the tin}$$

6. The tank of a truck contains 56 L
500 ml
25 L diesel issued

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 56 \quad 500 \\ - 20 \quad 000 \\ \hline 36 \quad 500 \end{array} \text{ diesel left}$$

7. Shopkeeper had 45 L 700 ml of
mustard oil
He sold 22 L 275 ml

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 45 \quad 700 \\ - 22 \quad 275 \\ \hline 23 \quad 425 \end{array} \text{ mustard oil is left}$$

Multiple Choice questions :

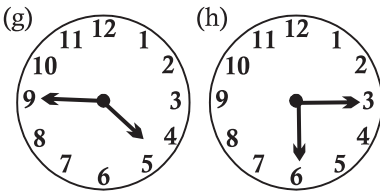
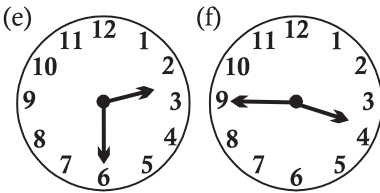
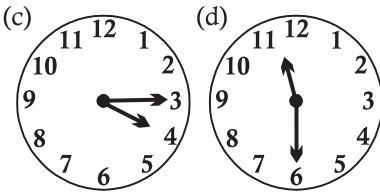
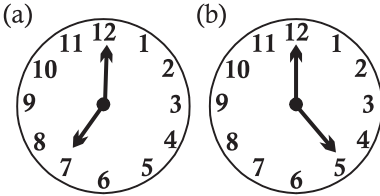
- (b) metre
- (a) 3862 cm
- (d) measuring tape
- (b) Kilogram
- (c) 5 kg 862 g

12 Measurement of Time

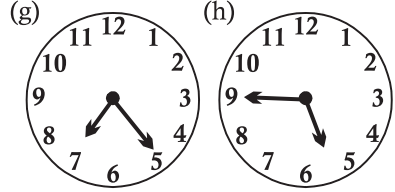
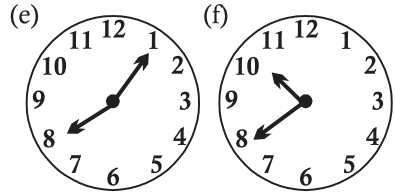
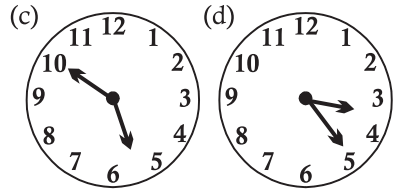
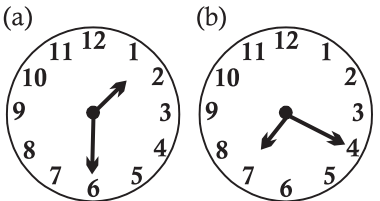
Exercise- 11.1

- (b) 3 : 30 (c) 7 : 30 (d) 4 : 45
 (e) 6 : 45 (f) 11 : 15 (g) 6 : 00
 (h) 1 : 45

2. Draw the hand :



3. Draw the minute hands :



Exercise- 11.2

1. Fill in the blanks :

- (a) a.m. (b) p.m. (c) a.m. (d) p.m.
 (e) p.m.

Multiple Choice Questions

1. (d) 2 : 45 2. 1 : 10 3. (c) 11 : 35 4.
 (a) 50 minutes past 1

13. Geometry

Exercise - 12.1

1. Measure and write the lengths of the following line segments.

- (a) 6 cm (b) 4.5 cm
 (c) 7 cm (d) 9.5 cm

2. Name the line segments in the following figures :

- (a) Square (b) Parallelogram
 (c) Hexagon (d) Triangle

3. Draw line segments of the following lengths :


- (a) 6.6 cm

D

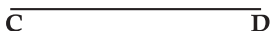
(b) 10 cm

A  B

(c) 4.5 cm

X  X

(d) 5.8 cm

C  D

Exercise- 12.2

1. Write whether following statements are True or false :

(a) False (b) True (c) False

(d) True (e) True (f) True

(g) Scale, book (h) Ring, Bangle

2. Recognise the names of the following plane figures :

(a) Triangle (b) Square

(c) Rectangle (d) Circle

(e) Triangle (f) Triangle

3. Count the number of triangles in the following figures :

(a) 1 (b) 8 (c) 4 (d) 8

4. Count the number of rectangles in the following figures :

(a) 9 (b) 17

5. Fill in the blanks :

(a) four (b) three (c) four (d) square

(e) perimeter

6. Match :

(a) A face of dice (iii) Square

(b) A black board (iv) Rectangle

(c) A bangle (i) Circle

(d) Face of a prism (ii) Triangle

7. Name the following figures :

(a) circle (b) square (c) triangle

(d) rectangle

Exercise- 12.3

1. Write the names of the shapes of following figures :

(a) cone (b) cuboid

(c) cone (d) sphere

2. Dice

3. 12

4. Cuboid

5. Ice-cream cone, Birthday cap, funnel

6. Conduct pipe, cooking gas cylinder

7. No

8. Yes

9. 3

10. Yes

Multiple Choice Questions

1. A line XY is represented as

(c) XY

2. A line segment PQ is represented as

(d) \overline{PQ}

3. A ray PQ is represented as

(a) \overrightarrow{PQ}

4. A point is represented as

(a) ●

5. How many end points are there in line

(b) 0

6. How many end points are there in ray

(b) 1

14 - Pictographs

Exercise

1. If toy shows 10 toys, find the number of toys in a toy shop.





45 toys

2. Delhi - 4500 dolls





Ranchi - 3500 dolls

Lucknow - 4000 dolls

3. 47.50
4.

Kites	Number of Kites	 = 10 kites
Blue Kites		
Red Kites		
Green Kites		

- 5.

Subjects	Number of test	 = 10 Number
Maths		
English		
Hindi		

6. Ravi - 50 cm Rohan - 70 cm
Tallest Rohan 70 cm
Shortest Ravi 50 cm

7. 27.50 ice-cream
8. 600 Girls, 700 Boys

$$\begin{array}{r}
 600 \\
 + 700 \\
 \hline
 1300 \text{ Students}
 \end{array}$$

9. 14500 trees in the area

Multiple Choice Questions

- (c) Any symbol or a picture
- (i) village B
(ii) (d) 7000
(iii) (a) village c
(iv) (a) A and B
- Data is a collection of (d) facts
- Pictograph is a way of showing (b) Data