

Practice Coach - 1 !

- 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590
- 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810
- 735, 736, 737, 738, 739, 740, 741, 742, 743, 744
878, 879, 880, 881, 882, 883, 884, 885, 886, 887
990, 991, 992, 993, 994, 995, 996, 997, 998, 999

4.

Number	Number name
559	Five hundred and fifty-nine
331	Three hundred and thirty-one
195	One hundred and ninety-five
889	Eight hundred and eighty-nine
405	Four hundred and five
780	Seven hundred and eighty

- (a) 0 hundreds + 6 tens + 3 ones (b) 1 hundred + 4 tens + 4 ones
 (c) 2 hundreds + 9 tens + 3 ones (d) 3 hundreds + 3 tens + 3 ones
 (e) 4 hundreds + 6 tens + 9 ones (f) 6 hundreds + 3 tens + 8 ones
 (g) 8 hundreds + 5 tens + 3 ones (h) 9 hundreds + 7 tens + 5 ones
- (a) 413 (b) 238 (c) 946 (d) 299
- (a) 998 (b) 629 (c) 832 (d) 999

8.

388	389
458	459
724	725
668	669
998	999

212	213
597	598
599	600
136	137
411	412

9.

300	301
479	478
445	446
110	111
789	790

999	1000
731	732
518	519
107	108
344	345



10. (a) 68 (b) 998 (c) 200 (d) 249 (e) 110 (f) 507 (g) 759 (h) 416

11. (a) 75 (b) 345 (c) 569 (d) 726 (e) 875 (f) 930

12. $99 = 90 + 9$, $458 = 400 + 50 + 8$, $920 = 900 + 20 + 0$,

$608 = 600 + 0 + 8$, $857 = 800 + 50 + 7$, $990 = 900 + 90 + 0$

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

Practice Coach - 2 !

1.

Number	Digit	Place Value	Digit	Place Value	Digit	Place Value
789	7	700	8	80	9	9
387	3	300	8	80	7	7
783	7	700	8	80	3	3
837	8	800	3	30	7	7
994	9	900	9	90	4	4
546	5	500	4	40	6	6
105	1	100	0	0	5	3

2. (a) Friday (b) H (c) Fourth, eighth (d) O, S (e) 600 (f) 938
(g) 840 (h) 9 (i) 400 (j) $400 + 60 + 3$ (k) less (l) 0 (m) 999 (n) more

Chapter

2

Large Numbers

Practice Coach - 1 !

1. (a) $3 \text{ thousands} + 4 \text{ hundreds} + 5 \text{ ones} = 3000 + 400 + 0 + 5 = 3405$
(b) $1 \text{ thousand} + 3 \text{ hundreds} + 5 \text{ tens} + 8 \text{ ones} = 1000 + 300 + 50 + 8 = 1358$
(c) $3 \text{ thousands} + 2 \text{ hundreds} + 7 \text{ tens} + 3 \text{ ones} = 3000 + 200 + 70 + 3 = 3273$
(d) $2 \text{ thousands} + 3 \text{ hundreds} + 3 \text{ tens} + 9 \text{ ones} = 2000 + 300 + 30 + 9 = 2339$
(e) $4 \text{ thousands} + 8 \text{ ones} = 4000 + 0 + 0 + 8 = 4008$

Counting in Thousands :

Three Thousands, 4000, Six Thousand, 7000, 8000, 9000 – Nine Thousand

Practice Coach - 2 !

1. (a) $4000 + 500 + 70 + 3 = 4573$ (b) $2000 + 300 + 50 + 4 = 2354$
(c) $1000 + 400 + 80 + 6 = 1486$ (d) $5000 + 0 + 90 + 7 = 5097$
(e) $7000 + 900 + 0 + 9 = 7909$ (f) $3000 + 0 + 0 + 8 = 3008$
(g) $8000 + 700 + 70 + 0 = 8770$ (h) $9000 + 0 + 0 + 0 = 9000$
(i) $9000 + 900 + 90 + 9 = 9999$



2. (a) 1235 (b) 1225 (c) 4144 (d) 4105 (e) 5026 (f) 3005 (g) 5706
(h) 7511 (i) 5630

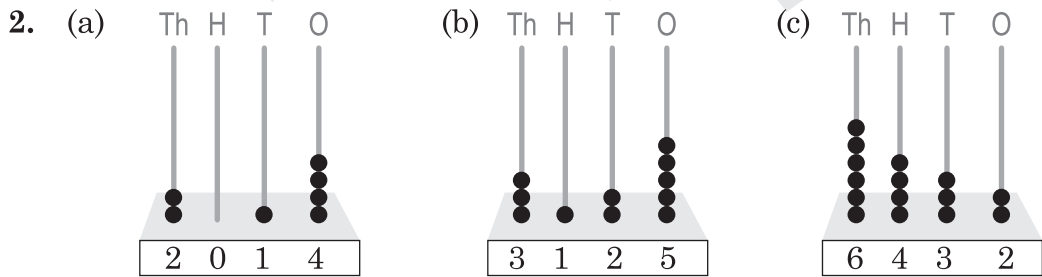
Practice Coach - 3 !

1. (a) Four thousand seven hundred eighty three
(b) Two thousand seven hundred eighty-nine
(c) Nine thousand three hundred seventy-two
(d) Eight thousand one hundred five
(e) Two thousand two hundred forty-three
(f) Three thousand one hundred fifty-two
(g) Three thousand eight hundred sixty-nine
(h) Nine thousand three hundred seventy-two
2. (a) $2000 + 500 + 10 + 3$ (b) $9000 + 900 + 90 + 9$
(c) $9000 + 800 + 70 + 6$ (d) $2000 + 400 + 60 + 8$
(e) $1000 + 200 + 30 + 4$ (f) $2000 + 600 + 0 + 0$
(g) $1000 + 100 + 10 + 2$ (h) $6000 + 500 + 20 + 8$
(i) $7000 + 500 + 10 + 3$ (j) $4000 + 200 + 50 + 3$
(k) $3000 + 400 + 20 + 0$ (l) $7000 + 800 + 30 + 7$
3. (a) 5932 (b) 9050 (c) 7632 (d) 8309 (e) 3284 (f) 1248 (g) 4900
(h) 2385 (i) 6809 (j) 8778
4. (a) 4000, 300, 40, 2 (b) 4000, 100, 70, 1 (c) 7000, 500, 60, 3
(d) 2000, 000, 40, 1 (e) 8000, 100, 40, 2 (f) 3000, 100, 20, 0
(g) 6000, 500, 00, 1 (h) 9000, 000, 10, 4
5. (a) 2142 (b) 4505 6. (a) 2781 (b) 1304 (c) 4624 (d) 5055 (e) 9201
7. The face value of 8 in 8432 is 8 and in 7856 is 8.
8. (a) 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010,
1011, 1012, 1013, 1014, 1015
(b) 5810, 5811, 5812, 5813, 5814, 5815, 5816, 5817, 5818, 5819,
5820, 5821, 5822, 5823, 5824, 5825
9. (a) 2513, 2514, 2515, 2516, 2517 (b) 6490, 6491, 6492, 6493, 6494
10. (a) 2024, 2023, 2022, 2021, 2020 (b) 1718, 1717, 1716, 1715, 1714
(c) 3524, 3523, 3522, 3521, 3520

Practice Coach - 4 !

1. (a) 2340 – Two thousand three hundreds forty
(b) 3130 – Three thousand one hundred thirty
(c) 4025 – Four thousand twenty-five
(i) 2360 (ii) 3630 (iii) 7625





3. (a) 5103 (b) 6439 (c) 9770 (d) 8164 (e) 7566 (f) 2054

4. (a) 1016 (b) 2098 (c) 3999 (d) 8682 (e) 6999 (f) 6541

5. (a) 0 (b) 2 (c) 0 (d) 1000 (e) 9999

Practice Coach - 5 !

1. (a) 3166, 3176, 3186, 3196 (b) 4193, 4203, 4213, 4223
 (c) 6170, 6180, 6190, 6200 2. (a) 2190, 2195, 2200, 2205, 2210
 (b) 3245, 3250, 3255, 3260 (c) 7166, 7171, 7176, 7181

Practice Coach - 6 !

1. (a) 7910 (b) 1432 2. (a) 3093 (b) 8324 3. (a) > (b) > (c) < (d) >
 (e) > (f) > (g) < (h) < 4. (a) 1400, 3914, 5710, 7172
 (b) 1517, 2843, 5796, 6728 (c) 9009, 9090, 9900, 10000
 5. (a) 3746, 2435, 2080, 1573 (b) 7543, 7354, 7345, 7334
 (c) 7380, 5913, 3415, 2935 6. Chairs - 9638 7. (a) 9831, 1389
 (b) 6420, 2046 (c) 6430, 3046 (d) 9761, 1679 (e) 9830, 3089
 8. 7431 9. 1258

Practice Coach - 7 !

1. (a) 2184, 5720, 1986 (b) 7152, 2332, 1600 (c) 4286, 1968
 (d) 5786, 3142, 5178 2. (a) 7173, 8161, 7179 (b) 3467, 1089, 1979
 (c) 3201, 4439, 5091 (d) 8289, 4999, 6583, 4441 3. (a) 9999 (b) 1000

Practice Coach - 8 !

1. (a) 10 (b) 20 (c) 50 (d) 90 (e) 130 (f) 410 (g) 1920 (h) 2710
 2. (a) 200 (b) 100 (c) 200 (d) 200 (e) 1200 (f) 2800 (g) 3400 (h) 4800
 3. 460 4. 375, 376, 377, 378, 379, 380, 381, 382, 383, 384

Mental Maths

1. Largest number = 7630, Smallest number = 3067, Difference = 4563
 2. 10 3. 1 4. 599 5. ones place 6. 998 7. 90 8. 5370
 9. 6005 10. even

Multiple Choice Questions (MCQs) :

1. (b) 5032 2. (c) 90 3. (c) 0 4. (a) 450 5. (c) 1000



Practice Coach - 1!

$$\begin{array}{r} \text{(a) H T O} \\ 217 \\ + 32 \\ \hline 249 \end{array}$$

$$\begin{array}{r} \text{(b) H T O} \\ 736 \\ + 21 \\ \hline 757 \end{array}$$

$$\begin{array}{r} \text{(c) H T O} \\ 723 \\ + 63 \\ \hline 786 \end{array}$$

$$\begin{array}{r} \text{(d) H T O} \\ 214 \\ + 33 \\ \hline 247 \end{array}$$

$$\begin{array}{r} \text{(e) H T O} \\ 401 \\ + 56 \\ \hline 457 \end{array}$$

$$\begin{array}{r} \text{(f) H T O} \\ 430 \\ + 20 \\ \hline 450 \end{array}$$

$$\begin{array}{r} \text{(g) H T O} \\ 731 \\ + 54 \\ \hline 785 \end{array}$$

$$\begin{array}{r} \text{(h) H T O} \\ 846 \\ + 24 \\ \hline 870 \end{array}$$

$$\begin{array}{r} \text{(i) H T O} \\ 555 \\ + 55 \\ \hline 610 \end{array}$$

$$\begin{array}{r} \text{2. (a) H T O} \\ 589 \\ + 278 \\ \hline 867 \end{array}$$

$$\begin{array}{r} \text{(b) H T O} \\ 759 \\ + 575 \\ \hline 1334 \end{array}$$

$$\begin{array}{r} \text{(c) H T O} \\ 679 \\ + 829 \\ \hline 1508 \end{array}$$

$$\begin{array}{r} \text{(d) H T O} \\ 407 \\ + 342 \\ \hline 749 \end{array}$$

$$\begin{array}{r} \text{(e) H T O} \\ 685 \\ + 756 \\ \hline 1441 \end{array}$$

$$\begin{array}{r} \text{(f) H T O} \\ 778 \\ + 143 \\ \hline 921 \end{array}$$

$$\begin{array}{r} \text{(g) H T O} \\ 682 \\ + 336 \\ \hline 1018 \end{array}$$

$$\begin{array}{r} \text{(h) H T O} \\ 585 \\ + 805 \\ \hline 1390 \end{array}$$

$$\begin{array}{r} \text{(i) H T O} \\ 147 \\ + 063 \\ \hline 210 \end{array}$$

$$\begin{array}{r} \text{(j) H T O} \\ 715 \\ + 367 \\ \hline 1082 \end{array}$$

$$\begin{array}{r} \text{(k) H T O} \\ 638 \\ + 149 \\ \hline 787 \end{array}$$

$$\begin{array}{r} \text{(l) H T O} \\ 319 \\ + 990 \\ \hline 1309 \end{array}$$

Practice Coach - 2!

$$\begin{array}{r} \text{2. (a) H T O} \\ 313 \\ 498 \\ + 199 \\ \hline 1010 \end{array}$$

$$\begin{array}{r} \text{(b) H T O} \\ 334 \\ 163 \\ + 664 \\ \hline 1161 \end{array}$$

$$\begin{array}{r} \text{(c) H T O} \\ 247 \\ 314 \\ + 414 \\ \hline 975 \end{array}$$

$$\begin{array}{r} \text{(d) H T O} \\ 144 \\ 823 \\ + 648 \\ \hline 1615 \end{array}$$

$$\begin{array}{r} \text{(e) H T O} \\ 164 \\ 423 \\ + 251 \\ \hline 838 \end{array}$$

$$\begin{array}{r} \text{(f) H T O} \\ 420 \\ 241 \\ + 121 \\ \hline 782 \end{array}$$

$$\begin{array}{r} \text{(g) H T O} \\ 213 \\ 134 \\ + 331 \\ \hline 678 \end{array}$$

$$\begin{array}{r} \text{(h) H T O} \\ 141 \\ 145 \\ + 501 \\ \hline 787 \end{array}$$



$$\begin{array}{r} \text{(i) H T O} \\ 9 \ 2 \ 3 \\ 6 \ 1 \ 5 \\ + 3 \ 1 \ 0 \\ \hline 18 \ 4 \ 8 \end{array}$$

$$\begin{array}{r} \text{(j) H T O} \\ 3 \ 2 \ 4 \\ 5 \ 1 \ 5 \\ + 6 \ 3 \ 8 \\ \hline 14 \ 7 \ 7 \end{array}$$

$$\begin{array}{r} \text{(k) H T O} \\ 2 \ 2 \ 3 \\ 1 \ 3 \ 4 \\ + 3 \ 3 \ 2 \\ \hline 6 \ 8 \ 9 \end{array}$$

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

$$\begin{array}{r} \text{2. (a) } 5 \ 4 \ 5 \\ 1 \ 1 \ 1 \\ + 2 \ 4 \ 6 \\ \hline 9 \ 0 \ 2 \end{array}$$

$$\begin{array}{r} \text{(b) } 1 \ 0 \ 9 \\ 6 \ 1 \ 8 \\ + 9 \ 9 \\ \hline 8 \ 2 \ 6 \end{array}$$

$$\begin{array}{r} \text{(c) } 1 \ 1 \ 4 \\ 4 \ 4 \ 1 \\ + 1 \ 4 \ 1 \\ \hline 6 \ 9 \ 6 \end{array}$$

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

3. Sunny took pictures on Monday = 255
Sunny took pictures on Tuesday = 389
Total pictures he took = $255 + 389 = 644$
4. Sanskrit books in the library = 248
Urdu books in the library = 653
Total books in the library = $248 + 653 = 901$
5. Sheela counted men = 184
She counted women = 167
She counted children = 95
She counted total people in the fair = $184 + 167 + 95 = 446$
6. Mango trees in an orchard = 480
Orange trees in an orchard = 267
Banana trees in an orchard = 597
Total trees in an orchard = $480 + 267 + 597 = 1344$
7. The sum of $453 + 879 = 1332$
The sum of $586 + 408 + 654 = 1648$
The sum of $1332 + 1648 = 2980$

Practice Coach - 3 !

1. (a) $248 + 642$
 $= (200 + 40 + 8) + (600 + 40 + 2)$
 $= (200 + 600) + (40 + 40) + (8 + 2)$
 $= 800 + 80 + 10 = 890$
- (b) $596 + 205$
 $= (500 + 90 + 6) + (200 + 5)$
 $= (500 + 200) + 90 + (6 + 5)$
 $= 700 + 90 + 11 = 801$
- (c) $483 + 196$
 $= (400 + 80 + 3) + (100 + 90 + 6)$
 $= (400 + 100) + (80 + 90) + (3 + 6)$
 $= 500 + 170 + 9 = 679$



(d) $208 + 698$
 $= (200 + 8) + (600 + 90 + 8)$
 $= (200 + 600) + 90 + (8 + 8)$
 $= 800 + 90 + 16 = 906$

(e) $335 + 642$
 $= (300 + 30 + 5) + (600 + 40 + 2)$
 $= (300 + 600) + (30 + 40) + (5 + 2)$
 $= 900 + 70 + 7 = 977$

(f) $465 + 430$
 $= (400 + 60 + 5) + (400 + 30)$
 $= (400 + 400) + (60 + 30) + 5$
 $= 800 + 90 + 5 = 895$

Practice Coach - 4 !

1. (a) $\begin{array}{r} \text{Th H T O} \\ 8642 \\ + 1055 \\ \hline 9697 \end{array}$ (b) $\begin{array}{r} \text{Th H T O} \\ 2461 \\ + 5106 \\ \hline 7567 \end{array}$ (c) $\begin{array}{r} \text{Th H T O} \\ 4815 \\ + 4063 \\ \hline 8878 \end{array}$ (d) $\begin{array}{r} \text{Th H T O} \\ 5243 \\ + 1445 \\ \hline 6688 \end{array}$

(e) $\begin{array}{r} \text{Th H T O} \\ 2500 \\ + 7400 \\ \hline 9900 \end{array}$ (f) $\begin{array}{r} \text{Th H T O} \\ 1745 \\ + 6243 \\ \hline 7988 \end{array}$ (g) $\begin{array}{r} \text{Th H T O} \\ 2442 \\ + 5555 \\ \hline 7997 \end{array}$ (h) $\begin{array}{r} \text{Th H T O} \\ 5343 \\ + 4656 \\ \hline 9999 \end{array}$

(i) $\begin{array}{r} \text{Th H T O} \\ 8462 \\ + 1403 \\ \hline 9865 \end{array}$ (j) $\begin{array}{r} \text{Th H T O} \\ 3152 \\ + 4310 \\ \hline 7462 \end{array}$ (k) $\begin{array}{r} \text{Th H T O} \\ 6234 \\ + 1012 \\ \hline 7246 \end{array}$ (l) $\begin{array}{r} \text{Th H T O} \\ 5539 \\ + 4040 \\ \hline 9579 \end{array}$

2. (a) $\begin{array}{r} \text{Th H T O} \\ 1883 \\ + 2348 \\ \hline 4231 \end{array}$ (b) $\begin{array}{r} \text{Th H T O} \\ 2665 \\ + 2493 \\ \hline 5158 \end{array}$ (c) $\begin{array}{r} \text{Th H T O} \\ 4325 \\ + 4460 \\ \hline 8785 \end{array}$ (d) $\begin{array}{r} \text{Th H T O} \\ 4035 \\ + 2679 \\ \hline 6714 \end{array}$

(e) $\begin{array}{r} \text{Th H T O} \\ 5972 \\ + 2085 \\ \hline 8057 \end{array}$ (f) $\begin{array}{r} \text{Th H T O} \\ 5887 \\ + 2369 \\ \hline 8256 \end{array}$ (g) $\begin{array}{r} \text{Th H T O} \\ 5666 \\ + 3777 \\ \hline 9443 \end{array}$ (h) $\begin{array}{r} \text{Th H T O} \\ 3239 \\ + 471 \\ \hline 3710 \end{array}$

(i) $\begin{array}{r} \text{Th H T O} \\ 8992 \\ + 1035 \\ \hline 10027 \end{array}$ (j) $\begin{array}{r} \text{Th H T O} \\ 4857 \\ + 2668 \\ \hline 7525 \end{array}$ (k) $\begin{array}{r} \text{Th H T O} \\ 3366 \\ + 3747 \\ \hline 7113 \end{array}$ (l) $\begin{array}{r} \text{Th H T O} \\ 3238 \\ + 5372 \\ \hline 8610 \end{array}$



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

(e)
$$\begin{array}{r} 6\ 8\ 3\ 9 \\ +1\ 0\ 7\ 0 \\ \hline 7\ 9\ 0\ 9 \end{array}$$
 (f)
$$\begin{array}{r} 5\ 7\ 6\ 9 \\ +1\ 8\ 8\ 6 \\ \hline 7\ 6\ 5\ 5 \end{array}$$

Practice Coach - 5 !

1. (a)
$$\begin{array}{r} \text{Th H T O} \\ 3\ 4\ 7\ 1 \\ 3\ 3\ 2\ 6 \\ +1\ 2\ 8\ 7 \\ \hline 8\ 0\ 8\ 4 \end{array}$$
 (b)
$$\begin{array}{r} \text{Th H T O} \\ 1\ 3\ 5\ 8 \\ 2\ 3\ 2\ 8 \\ +3\ 3\ 4\ 0 \\ \hline 7\ 0\ 2\ 6 \end{array}$$
 (c)
$$\begin{array}{r} \text{Th H T O} \\ 2\ 4\ 6\ 0 \\ 3\ 6\ 4\ 0 \\ +1\ 3\ 5\ 6 \\ \hline 7\ 4\ 5\ 6 \end{array}$$
 (d)
$$\begin{array}{r} \text{Th H T O} \\ 1\ 2\ 3\ 4 \\ 2\ 3\ 1\ 0 \\ +5\ 1\ 2\ 3 \\ \hline 8\ 6\ 6\ 7 \end{array}$$

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

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

Practice Coach - 6 !

- A farmer has cows = 3673
He has buffaloes = 2180
He has goats = 1234
He has total animals = $3673 + 2180 + 1234 = 7087$ animals
- Gulshan travelled by train = 4171 km
Gulshan travelled by car = 2065 km
Gulshan travelled in all = $4171\text{ km} + 2065\text{ km} = 6236\text{ km}$
- Mangoes in an orchard = 3012
Mangoes in other orchard = 3781
Total mangoes in both orchards = $3012 + 3781 = 6793$ mangoes
- $3679 + 2541 = 6220$
The greater number than 3679 by 2541 is 6220.



5. Students in branch A = 1125
 Students in branch B = $379 + 1125 = 1504$
 Students in branch C = 3754
 (a) The students in branch B is 1504.
 (b) The total number of students in all branches of school
 $= 1125 + 1504 + 3754$
 $= 6383$ students
6. A man purchased a suit = ₹ 3000
 He purchased a shirt = ₹ 580
 He purchased a pair of shoes = ₹ 1200
 The total money spent by him = ₹ 3000 + ₹ 580 + ₹ 1200 = ₹ 4780

Practice Coach - 7 !

1. (a) 1068 (b) 494 (c) 9339 (d) 3256 (e) 9445 (f) 9545

Mental Maths

1. 14 2. 1 3. self 4. one 5. ten 6. ten 7. 1999 8. 118 9. 530
 10. 7389

Multiple Choice Questions (MCQs) :

1. (a) 108 2. (b) 2083 3. (b) 5-digit number 4. (a) 0 5. (b) 21

Chapter

4

Subtraction

Practice Coach - 1 !

- | | | | |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. (a) H T O
7 7 8
- 2 4
7 5 4 | (b) H T O
5 6 9
- 4 5
5 2 4 | (c) H T O
6 4 8
- 4 7
6 0 1 | (d) H T O
2 3 8
- 1 2 6
1 1 2 |
| (e) H T O
7 8 9
- 5 5 6
2 3 3 | (f) H T O
9 4 4
- 1 2 3
8 2 1 | (g) H T O
8 7 3
- 6 4 2
2 3 1 | (h) H T O
3 2 9
- 1 1 7
2 1 2 |
| (i) H T O
3 2 5
- 1 0 2
2 2 3 | (j) H T O
4 0 1
- 5 6
3 4 5 | (k) H T O
4 3 0
- 2 0
4 1 0 | (l) H T O
8 1 0
- 9 2
7 1 8 |



2. (a) $\begin{array}{r} \text{H T O} \\ 695 \\ - 437 \\ \hline 258 \end{array}$ (b) $\begin{array}{r} \text{H T O} \\ 626 \\ - 353 \\ \hline 273 \end{array}$ (c) $\begin{array}{r} \text{H T O} \\ 762 \\ - 186 \\ \hline 576 \end{array}$ (d) $\begin{array}{r} \text{H T O} \\ 800 \\ - 396 \\ \hline 404 \end{array}$
- (e) $\begin{array}{r} \text{H T O} \\ 900 \\ - 267 \\ \hline 633 \end{array}$ (f) $\begin{array}{r} \text{H T O} \\ 500 \\ - 298 \\ \hline 202 \end{array}$ (g) $\begin{array}{r} \text{H T O} \\ 843 \\ - 487 \\ \hline 356 \end{array}$ (h) $\begin{array}{r} \text{H T O} \\ 515 \\ - 176 \\ \hline 339 \end{array}$
- (i) $\begin{array}{r} \text{H T O} \\ 470 \\ - 232 \\ \hline 238 \end{array}$ (j) $\begin{array}{r} \text{H T O} \\ 308 \\ - 148 \\ \hline 160 \end{array}$ (k) $\begin{array}{r} \text{H T O} \\ 743 \\ - 383 \\ \hline 360 \end{array}$ (l) $\begin{array}{r} \text{H T O} \\ 514 \\ - 476 \\ \hline 038 \end{array}$
3. (a) $\begin{array}{r} 400 \\ - 163 \\ \hline 237 \end{array}$ (b) $\begin{array}{r} 529 \\ - 297 \\ \hline 232 \end{array}$ (c) $\begin{array}{r} 463 \\ - 234 \\ \hline 229 \end{array}$ (d) $\begin{array}{r} 617 \\ - 394 \\ \hline 223 \end{array}$
- (e) $\begin{array}{r} 723 \\ - 189 \\ \hline 534 \end{array}$ (f) $\begin{array}{r} 468 \\ - 235 \\ \hline 233 \end{array}$

4. (a) 0 (b) 284 (c) 0 (d) 998

5. Amita has marbles = 175

She wants her marble collection to become = 380

The difference = $380 - 175 = 205$

6. Arushi has stamps with her = 513

She gave stamps to her brother Anuj = 201

The stamps are left with her now = $513 - 201 = 312$

7. Rashi has buildings blocks with her = 132

She gave blocks to her elder brother = 17

She gave blocks to her younger brother = 23

The blocks are left with her = $132 - (17 + 23) = 132 - 40 = 92$

Practice Coach - 2!

1. (a) $\begin{array}{r} \text{Th H T O} \\ 6492 \\ - 6231 \\ \hline 0261 \end{array}$ (b) $\begin{array}{r} \text{Th H T O} \\ 5555 \\ - 3210 \\ \hline 2345 \end{array}$ (c) $\begin{array}{r} \text{Th H T O} \\ 2927 \\ - 1706 \\ \hline 1221 \end{array}$ (d) $\begin{array}{r} \text{Th H T O} \\ 3979 \\ - 2156 \\ \hline 1823 \end{array}$



(e) Th H T O	(f) Th H T O	(g) Th H T O	(h) Th H T O
4 5 4 5	5 1 4 9	5 4 5 4	7 3 1 1
- 1 0 3 2	- 3 1 4 7	- 1 2 2 3	- 7 2 1 1
<u>3 5 1 3</u>	<u>2 0 0 2</u>	<u>4 2 3 1</u>	<u>0 1 0 0</u>

(i) Th H T O	(j) Th H T O	(k) Th H T O	(l) Th H T O
8 1 4 5	4 1 4 8	5 4 5 6	7 2 1 1
- 6 0 1 4	- 3 0 4 6	- 1 3 4 1	- 5 2 0 0
<u>2 1 3 1</u>	<u>1 1 0 2</u>	<u>4 1 1 5</u>	<u>2 0 1 1</u>

2. (a) 3 9 4 9	(b) 8 7 1 4	(c) 6 7 9 9	(d) 9 9 5 6
- 1 7 2 5	- 6 6 0 2	- 4 3 4 4	- 6 7 3 6
<u>2 2 2 4</u>	<u>2 1 1 2</u>	<u>2 4 5 5</u>	<u>3 2 2 0</u>

3. 9 7 6 9	4. 8 0 6 8	5. 2 2 2 2	6. 5 6 2 5
- 4 0 3 8	- 2 0 3 5	- 1 1 2 4	- 4 2 1 3
<u>5 7 3 1</u>	<u>6 0 3 3</u>	<u>1 1 0 2</u>	<u>1 4 1 2</u>

Practice Coach - 3 !

1. (a) Th H T O	(b) Th H T O	(c) Th H T O	(d) Th H T O
3 1 0 5	2 2 2 2	4 3 8 5	6 6 3 4
- 1 0 7 6	- 1 8 6 9	- 2 1 9 8	- 3 5 3 9
<u>2 0 2 9</u>	<u>0 3 5 3</u>	<u>2 1 8 7</u>	<u>3 0 9 5</u>

(e) Th H T O	(f) Th H T O	(g) Th H T O	(h) Th H T O
9 7 8 6	6 2 0 4	9 7 6 2	8 5 9 3
- 1 9 8 9	- 4 3 2 8	- 7 8 5 1	- 5 9 5 6
<u>7 7 9 7</u>	<u>1 8 7 6</u>	<u>1 9 1 1</u>	<u>2 6 3 7</u>

(i) Th H T O	(j) Th H T O	(k) Th H T O	(l) Th H T O
9 1 4 0	8 2 0 4	7 9 6 4	8 5 8 3
- 5 4 1 8	- 3 5 2 6	- 7 8 4 1	- 3 3 5 9
<u>3 7 2 2</u>	<u>4 6 7 8</u>	<u>0 1 2 3</u>	<u>5 2 2 4</u>

2. (a) 4 9 1 5	(b) 9 1 1 4	(c) 5 3 4 5	(d) 4 4 6 7
- 3 8 2 6	- 3 6 4 7	- 6 2 3	- 3 5 6 9
<u>1 0 8 9</u>	<u>5 4 6 7</u>	<u>4 7 2 2</u>	<u>0 8 9 8</u>

(e) 7 2 3 5	(f) 4 0 0 4	(g) 9 1 2 3	(h) 7 3 0 0
- 3 6 5 8	- 2 5 5 8	- 5 3 5 5	- 4 5 6 2
<u>3 5 7 7</u>	<u>1 4 4 6</u>	<u>3 7 6 8</u>	<u>2 7 3 8</u>

3. (a) 1 4 6 8	0 2 4 6	(b) 8 6 4 5	8 0 2 2
- 1 2 2 2	+ 1 2 2 2	- 6 2 3	+ 6 2 3
<u>0 2 4 6</u>	<u>1 4 6 8</u>	<u>8 0 2 2</u>	<u>8 6 4 5</u>



<p>(c) $\begin{array}{r} 8\ 6\ 4\ 5 \\ - 4\ 6\ 8\ 9 \\ \hline 3\ 9\ 5\ 6 \end{array}$</p> <p>(e) $\begin{array}{r} 5\ 2\ 3\ 5 \\ - 4\ 6\ 5\ 8 \\ \hline 0\ 5\ 7\ 7 \end{array}$</p> <p>(g) $\begin{array}{r} 8\ 1\ 2\ 3 \\ - 4\ 3\ 5\ 5 \\ \hline 3\ 7\ 6\ 8 \end{array}$</p>	<p>(d) $\begin{array}{r} 5\ 4\ 6\ 9 \\ - 2\ 5\ 6\ 9 \\ \hline 2\ 9\ 0\ 0 \end{array}$</p> <p>(f) $\begin{array}{r} 6\ 0\ 0\ 4 \\ - 4\ 5\ 5\ 8 \\ \hline 1\ 4\ 4\ 6 \end{array}$</p> <p>(h) $\begin{array}{r} 6\ 3\ 0\ 0 \\ - 3\ 5\ 6\ 2 \\ \hline 2\ 7\ 3\ 8 \end{array}$</p>
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Practice Coach - 4 !

<p>1. (a) $\begin{array}{r} \text{Th H T O} \\ 3\ 2\ 5\ 7 \\ - \boxed{1}\ \boxed{1}\ \boxed{4}\ \boxed{5} \\ \hline \boxed{2}\ \boxed{1}\ \boxed{1}\ \boxed{2} \end{array}$</p>	<p>(b) $\begin{array}{r} \text{Th H T O} \\ 7\ 9\ 5\ 6 \\ - \boxed{0}\ \boxed{4}\ \boxed{3}\ \boxed{0} \\ \hline \boxed{7}\ \boxed{5}\ \boxed{2}\ \boxed{6} \end{array}$</p>	<p>(c) $\begin{array}{r} \text{Th H T O} \\ 6\ \boxed{6}\ \boxed{5}\ 7 \\ - \boxed{1}\ 4\ 2\ 1 \\ \hline \boxed{5}\ 2\ 3\ \boxed{6} \end{array}$</p>	<p>(d) $\begin{array}{r} \text{Th H T O} \\ 7\ 6\ 4\ \boxed{9} \\ - \boxed{6}\ 5\ \boxed{2}\ 9 \\ \hline \boxed{1}\ \boxed{1}\ 2\ \boxed{0} \end{array}$</p>
<p>(e) $\begin{array}{r} \text{Th H T O} \\ 2\ 4\ 8\ \boxed{8} \\ - 1\ 0\ \boxed{9}\ 3 \\ \hline \boxed{1}\ \boxed{3}\ 9\ \boxed{5} \end{array}$</p>	<p>(f) $\begin{array}{r} \text{Th H T O} \\ 4\ 7\ \boxed{6}\ 1 \\ - \boxed{0}\ 2\ 8\ \boxed{7} \\ \hline \boxed{3}\ \boxed{4}\ 7\ \boxed{4} \end{array}$</p>	<p>(g) $\begin{array}{r} \text{Th H T O} \\ 9\ 6\ \boxed{3}\ 9 \\ - \boxed{1}\ 0\ 3\ \boxed{6} \\ \hline \boxed{8}\ \boxed{6}\ 0\ \boxed{3} \end{array}$</p>	<p>(h) $\begin{array}{r} \text{Th H T O} \\ 6\ \boxed{8}\ 3\ 8 \\ - 3\ 2\ \boxed{2}\ 4 \\ \hline \boxed{3}\ 6\ 1\ \boxed{4} \end{array}$</p>

2. A library has books = 2374
Shweta read books = 1063
The books are still left for her to read = $2374 - 1063 = 1311$ books
3. Prachi collected seashells from the beach = 2286
She gave to her cousin = 1199
The seashells are left with her = $2286 - 1199 = 1087$
4. Akash purchased a television = ₹ 9500
He sold it = ₹ 7688
He get less money = $₹ 9500 - ₹ 7688 = ₹ 1812$
5. In a village, there were animals = 1153
During a flood, animals were swept away = 988
The animals were left = $1153 - 988 = 165$ animals
6. The people came to the local football team match on saturday = 5621
The people saw match = 3246
The people were not able to see the football team match = $5621 - 3246 = 2375$
7.
$$\begin{array}{r} 9\ 8\ 0\ 6 \\ - 6\ 5\ 8\ 9 \\ \hline 3\ 2\ 1\ 7 \end{array}$$
8.
$$\begin{array}{r} 9\ 0\ 7\ 5 \\ - 5\ 4\ 8\ 3 \\ \hline 3\ 5\ 9\ 2 \end{array}$$
 3592 should be added to 5483 to get 9075.



9. $6\ 0\ 0\ 0$ 2648 less than 6000 is 3352.

$$\begin{array}{r} - 2\ 6\ 4\ 8 \\ \hline 3\ 3\ 5\ 2 \end{array}$$

10. The sum of two numbers = 7053

If one number is = 3268

The other number is = $7053 - 3268 = 3785$

Practice Coach - 5 !

1. (a) $1700 - 1155 = 545$ (b) $2839 - 483 = 2356$ (c) $7896 - 373 = 7523$
 (d) $4444 - 2789 = 1655$ (e) $6509 - 5408 = 1101$ (f) $4000 - 1999 = 2001$

Practice Coach - 6 !

1. (a) $(2036 - 1412) - 624$

Step -1	Step -2	
$2\ 0\ 3\ 6$	$6\ 2\ 4$	
$- 1\ 4\ 1\ 2$	$- 6\ 2\ 4$	
$\hline 0\ 6\ 2\ 4$	$\hline 0\ 0\ 0$	Answer = 0

(b) $3452 + 651 - 3067 + 442$

Step -1	Step -2	Step -3	
$3\ 4\ 5\ 2$	$4\ 1\ 0\ 3$	$1\ 0\ 3\ 6$	
$+ 6\ 5\ 1$	$- 3\ 0\ 6\ 7$	$+ 4\ 4\ 2$	
$\hline 4\ 1\ 0\ 3$	$\hline 1\ 0\ 3\ 6$	$\hline 1\ 4\ 7\ 8$	Answer = 1478

(c) $3444 + 1290 - 3269$

Step -1	Step -2	
$3\ 4\ 4\ 4$	$4\ 7\ 3\ 4$	
$- 1\ 2\ 9\ 0$	$- 3\ 2\ 6\ 9$	
$\hline 4\ 7\ 3\ 4$	$\hline 1\ 4\ 6\ 5$	Answer = 1465

(d) $8946 - 4457 - 3962 + 900$

Step -1	Step -2	Step -3	
$8\ 9\ 4\ 6$	$4\ 4\ 8\ 9$	$5\ 2\ 7$	
$- 4\ 4\ 5\ 7$	$- 3\ 9\ 6\ 2$	$+ 9\ 0\ 0$	
$\hline 4\ 4\ 8\ 9$	$\hline 5\ 2\ 7$	$\hline 14\ 2\ 7$	Answer = 1427

(e) $4835 + (3865 - 2933)$

Step -1	Step -2	
$3\ 8\ 6\ 5$	$0\ 9\ 3\ 2$	
$- 2\ 9\ 3\ 3$	$- 4\ 8\ 3\ 5$	
$\hline 0\ 9\ 3\ 2$	$\hline 5\ 7\ 6\ 7$	Answer = 5767



Practice Coach - 7 !

1. The total marks scored by Amit = 571
He scored in english = 153
He scored in hindi = 167
He got marks in mathematics = $571 - (153 + 167) = 571 - 320 = 251$
Thus, Amit scored 251 marks in mathematics.
2. The sum of three numbers = 8010
If two numbers are = 2326, 3097
The third number = $8010 - (2326 + 3097) = 8010 - 5423 = 2587$
So, the third number is 2587.
3. A bulb factory produced bulbs on the first day = 1673
The bulb factory produced bulb on the second day = 2102
Bulb factory produced bulbs on both days = $1673 + 2102 = 3775$
The bulbs were found to be defective = 738
The bulbs were in good condition = $3775 - 738 = 3037$
Thus, 3037 bulbs were in good condition.
4. Suman has money = ₹ 9570
She purchased a table = ₹ 1740
She purchased a chair = ₹ 753
She purchased other things = ₹ 2569
The money is left with her = $₹ 9570 - (₹ 1740 + ₹ 753 + ₹ 2569)$
 $= ₹ 9570 - ₹ 5062 = ₹ 4508$
So, ₹ 4508 is left with Suman.
5. Difference of 5780 and 3569 = $5780 - 3569 = 2211$
Add of 434 and 2211 = $434 + 2211 = 2645$
6. The total balls in the room = 5640
If blue number of red balls in the room = 2643
and the number of balls in the room = 1976
Then, the number of yellow balls in the room = $5640 - (2643 + 1976) = 5640 - 4619 = 1021$
So, 1021 yellow balls are there in the room.

Mental Maths

1. 25
2. 568
3. remains the same
4. 5 tens
5. 26
6. 9 hundreds
7. 9000
8. The face value of 8 in 3783 = 8, The place value of 8 in 3783 = 80, So the difference of 80 and 8 = $80 - 8 = 72$
9. $9763 - 6000 = 3763$

Multiple Choice Questions (MCQs) :

1. (c) hundreds digit
2. (c) $10 + 40$
3. (c) subtrahend, minuend
4. (b) 626
5. (b) 0



Practice Coach - 1 !

1. (b) $2 + 2 = 4$ (c) $4 + 4 + 4 + 4 = 16$ (d) $5 + 5 + 5 + 5 + 5 = 25$
 $2 \times 2 = 4$ $4 \times 4 = 16$ $5 \times 5 = 25$
 (e) $6 + 6 + 6 = 18$ (f) $7 + 7 = 14$ (g) $5 + 5 + 5 + 5 = 20$
 $6 \times 3 = 18$ $7 \times 2 = 11$ $5 \times 4 = 20$
 (h) $2 + 2 + 2 + 2 + 2 + 2 = 12$
 $2 \times 6 = 12$

Practice Coach - 2 !

1. (a) $8 \times 9 = 72$ (b) $8 \times 8 = 64$ (c) $10 \times 4 = 40$ (d) $4 \times 3 = 12$
 (e) $2 \times 8 = 16$ (f) $6 \times 5 = 30$ (g) $7 \times 9 = 63$ (h) $7 \times 8 = 56$
 (i) $3 \times 3 = 9$ (j) $9 \times 4 = 36$ (k) $5 \times 7 = 35$ (l) $3 \times 9 = 27$

Practice Coach - 3 !

1. (a) T O (b) T O (c) T O (d) T O
 $\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$ $\begin{array}{r} 42 \\ \times 2 \\ \hline 84 \end{array}$ $\begin{array}{r} 23 \\ \times 3 \\ \hline 69 \end{array}$ $\begin{array}{r} 22 \\ \times 4 \\ \hline 88 \end{array}$
 (e) T O (f) T O (g) H T O (h) H T O
 $\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$ $\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$ $\begin{array}{r} 112 \\ \times 2 \\ \hline 224 \end{array}$ $\begin{array}{r} 412 \\ \times 2 \\ \hline 824 \end{array}$
 (i) H T O (j) H T O (k) H T O (l) H T O
 $\begin{array}{r} 404 \\ \times 2 \\ \hline 808 \end{array}$ $\begin{array}{r} 211 \\ \times 3 \\ \hline 633 \end{array}$ $\begin{array}{r} 211 \\ \times 4 \\ \hline 844 \end{array}$ $\begin{array}{r} 332 \\ \times 3 \\ \hline 996 \end{array}$

Practice Coach - 4 !

1. (a) T O (b) T O (c) T O (d) T O
 $\begin{array}{r} 17 \\ \times 2 \\ \hline 34 \end{array}$ $\begin{array}{r} 18 \\ \times 4 \\ \hline 72 \end{array}$ $\begin{array}{r} 19 \\ \times 5 \\ \hline 95 \end{array}$ $\begin{array}{r} 15 \\ \times 3 \\ \hline 45 \end{array}$
 (g) T O (h) T O (i) T O (j) T O
 $\begin{array}{r} 22 \\ \times 8 \\ \hline 176 \end{array}$ $\begin{array}{r} 37 \\ \times 6 \\ \hline 222 \end{array}$ $\begin{array}{r} 49 \\ \times 5 \\ \hline 245 \end{array}$ $\begin{array}{r} 18 \\ \times 9 \\ \hline 162 \end{array}$



$$\begin{array}{r} \text{(i) H T O} \\ 181 \\ \times 4 \\ \hline 724 \end{array}$$

$$\begin{array}{r} \text{(j) H T O} \\ 356 \\ \times 5 \\ \hline 1780 \end{array}$$

$$\begin{array}{r} \text{(k) H T O} \\ 285 \\ \times 3 \\ \hline 855 \end{array}$$

$$\begin{array}{r} \text{(l) H T O} \\ 148 \\ \times 4 \\ \hline 592 \end{array}$$

$$\begin{array}{r} \text{(m) H T O} \\ 357 \\ \times 6 \\ \hline 2142 \end{array}$$

$$\begin{array}{r} \text{(n) H T O} \\ 335 \\ \times 9 \\ \hline 3015 \end{array}$$

$$\begin{array}{r} \text{(o) H T O} \\ 253 \\ \times 4 \\ \hline 1012 \end{array}$$

$$\begin{array}{r} \text{(p) H T O} \\ 234 \\ \times 8 \\ \hline 1872 \end{array}$$

$$\begin{array}{r} \text{2. (a) } 198 \\ \times 7 \\ \hline 1386 \end{array}$$

$$\begin{array}{r} \text{(b) } 312 \\ \times 5 \\ \hline 1560 \end{array}$$

$$\begin{array}{r} \text{(c) } 44 \\ \times 6 \\ \hline 264 \end{array}$$

$$\begin{array}{r} \text{(d) } 77 \\ \times 9 \\ \hline 693 \end{array}$$

$$\begin{array}{r} \text{(e) } 513 \\ \times 4 \\ \hline 2052 \end{array}$$

Practice Coach - 5!

1. (a) $65 \times 10 = 650$ (b) $97 \times 1000 = 97000$ (c) $54 \times 100 = 5400$
 (d) $65 \times 40 = 2600$ (e) $700 \times 9 = 6300$ (f) $400 \times 6 = 2400$
 (g) $40 \times 3 = 120$ (h) $70 \times 6 = 420$ (i) $300 \times 32 = 9600$
 (j) $55 \times 50 = 2750$ (k) $73 \times 1000 = 73000$ (l) $43 \times 100 = 4300$
 (m) $2 \times 10 = 20$ (n) $11 \times 300 = 3300$ (o) $37 \times 100 = 3700$
 (p) $14 \times 700 = 9800$ (q) $36 \times 60 = 2160$ (r) $43 \times 30 = 1290$
 (s) $18 \times 500 = 9000$ (t) $25 \times 50 = 1250$

Practice Coach - 6!

$$\begin{array}{r} \text{(a) T O} \\ 32 \\ \times 11 \\ \hline 32 \\ + 320 \\ \hline 352 \end{array}$$

$$\begin{array}{r} \text{(b) T O} \\ 71 \\ \times 10 \\ \hline 00 \\ + 710 \\ \hline 710 \end{array}$$

$$\begin{array}{r} \text{(c) T O} \\ 34 \\ \times 21 \\ \hline 34 \\ + 680 \\ \hline 714 \end{array}$$

$$\begin{array}{r} \text{(d) T O} \\ 33 \\ \times 33 \\ \hline 99 \\ + 990 \\ \hline 1089 \end{array}$$

$$\begin{array}{r} \text{(e) T O} \\ 22 \\ \times 22 \\ \hline 44 \\ + 440 \\ \hline 484 \end{array}$$

$$\begin{array}{r} \text{(f) T O} \\ 13 \\ \times 12 \\ \hline 26 \\ + 130 \\ \hline 156 \end{array}$$

$$\begin{array}{r} \text{(g) H T O} \\ 222 \\ \times 12 \\ \hline 442 \\ + 2210 \\ \hline 2652 \end{array}$$

$$\begin{array}{r} \text{(h) H T O} \\ 404 \\ \times 21 \\ \hline 404 \\ + 8080 \\ \hline 8484 \end{array}$$

Practice Coach - 7!

1. (a) $13 \times 15 = 195$ (b) $25 \times 12 = 300$ (c) $51 \times 12 = 612$
 (d) $72 \times 38 = 2736$ (e) $87 \times 45 = 3915$ (f) $49 \times 62 = 3038$
 (g) $52 \times 16 = 832$ (h) $19 \times 25 = 475$ (i) $77 \times 14 = 1078$



(j) $92 \times 21 = 1932$	(k) $118 \times 12 = 1416$	(l) $234 \times 16 = 3744$
(m) $443 \times 17 = 7531$	(n) $199 \times 37 = 7363$	(o) $137 \times 48 = 6576$
(p) $459 \times 15 = 6885$	(q) $215 \times 29 = 6235$	(r) $375 \times 16 = 6000$
(s) $384 \times 26 = 9984$	(t) $276 \times 24 = 6624$	

Practice Coach - 8 !

- The apples in a basket = 6
The number of baskets = 100
Total apples in all baskets = $6 \times 100 = 600$
Thus, there are 600 apples in 100 baskets.
- A packet has pencils = 12
The number of packets = 200
200 packets has pencils = $200 \times 12 = 2400$
So, there are 2400 pencils in 200 packets.
- The people can sit in an auditorium = 1000
The number of auditorium = 9
The people can sit in 9 auditorium = $9 \times 1000 = 9000$
Thus, 9000 people can sit in 9 auditorium.
- Ayushi walks everyday = 3 km
The number of days = 146
Total distance walked by her in 146 days = $146 \times 3 \text{ km} = 438 \text{ km}$
So, the total distance is 438 km walked by her in 146 days.
- Hours in a day = 24
Hours in 9 days = $24 \times 9 = 216$ hours
So, there are 216 hours in 9 days.
- The cost of painting on a wall = ₹ 395
The number of walls = 22
Total cost of all paintings of all walls = $\text{₹ } 395 \times 22 = \text{₹ } 8690$
Thus, the cost of paintings on 22 walls of same size is ₹ 8690.
- The number of children in a hostel dormitory = 28
Number of dormitories in a hostel = 115
Total number of children in 115 dormitories = $28 \times 115 = 3220$
Thus, there are 3220 children living in 115 such dormitories.
- Number of pages in a register = 54
Number of registers = 25
Total number of pages in all registers = $54 \times 25 = 1350$
So, 1350 pages would be there in 25 such registers.

Practice Coach - 9 !

- (a) $43 \times 5 = 215$ (b) $69 \times 7 = 483$ (c) $54 \times 13 = 702$
(d) $179 \times 40 = 7160$ (e) $735 \times 6 = 4410$ (f) $483 \times 25 = 12075$



Mental Maths

1. 0 2. 441 3. 69 4. 8×6 5. 6. 800 7. $7 \times 100 \times 6 = 4200$
8. itself 9. 900 10. 1

Multiple Choice Questions (MCQs) :

1. (b) adding the number 5 items 2. (b) 0 3. (c) 9600 4. (c) 7×8
5. (a) 6×5

Chapter

6

Division

Practice Coach - 1 !

1. (b) $6 \div 3 = 2$ (c) $30 \div 5 = 6$ (d) $8 \div 4 = 2$ (e) $36 \div 6 = 6$
2. Use 10 balloons : (a) 2 (b) 2 (c) 2,
Use 18 balloons : (a) 6 (b) 6 (c) 6

Practice Coach - 2 !

1. (a) $72 \div 8$

$$\begin{array}{r} 72 \\ - 8 \\ \hline 64 \\ - 8 \\ \hline 56 \\ - 8 \\ \hline 48 \\ - 8 \\ \hline 40 \\ - 8 \\ \hline 32 \\ - 8 \\ \hline 24 \\ - 8 \\ \hline 16 \\ - 8 \\ \hline 8 \\ - 8 \\ \hline 0 \end{array}$$

Hence, $72 \div 8 = 9$

(b) $81 \div 9$

$$\begin{array}{r} 81 \\ - 9 \\ \hline 72 \\ - 9 \\ \hline 63 \\ - 9 \\ \hline 54 \\ - 9 \\ \hline 45 \\ - 9 \\ \hline 36 \\ - 9 \\ \hline 27 \\ - 9 \\ \hline 18 \\ - 9 \\ \hline 9 \\ - 9 \\ \hline 0 \end{array}$$

Hence, $81 \div 9 = 9$

(c) $100 \div 10$

$$\begin{array}{r} 100 \\ - 10 \\ \hline 90 \\ - 10 \\ \hline 80 \\ - 10 \\ \hline 70 \\ - 10 \\ \hline 60 \\ - 10 \\ \hline 50 \\ - 10 \\ \hline 40 \\ - 10 \\ \hline 30 \\ - 10 \\ \hline 20 \\ - 10 \\ \hline 10 \\ - 10 \\ \hline 0 \end{array}$$

Hence, $100 \div 10 = 10$

(d) $18 \div 2$

$$\begin{array}{r} 18 \\ - 2 \\ \hline 16 \\ - 2 \\ \hline 14 \\ - 2 \\ \hline 12 \\ - 2 \\ \hline 10 \\ - 2 \\ \hline 8 \\ - 2 \\ \hline 6 \\ - 2 \\ \hline 4 \\ - 2 \\ \hline 2 \\ - 2 \\ \hline 0 \end{array}$$

Hence, $18 \div 2 = 9$



(e) $24 \div 6$

$$\begin{array}{r}
 24 \\
 - 6 \\
 \hline
 18 \\
 - 6 \\
 \hline
 12 \\
 - 6 \\
 \hline
 6 \\
 - 6 \\
 \hline
 0
 \end{array}$$

Hence, $24 \div 6 = 4$

(f) $42 \div 7$

$$\begin{array}{r}
 42 \\
 - 7 \\
 \hline
 35 \\
 - 7 \\
 \hline
 28 \\
 - 7 \\
 \hline
 21 \\
 - 7 \\
 \hline
 14 \\
 - 7 \\
 \hline
 7 \\
 - 7 \\
 \hline
 0
 \end{array}$$

Hence, $42 \div 7 = 6$

(g) $35 \div 5$

$$\begin{array}{r}
 35 \\
 - 5 \\
 \hline
 30 \\
 - 5 \\
 \hline
 25 \\
 - 5 \\
 \hline
 20 \\
 - 5 \\
 \hline
 15 \\
 - 5 \\
 \hline
 10 \\
 - 5 \\
 \hline
 5 \\
 - 5 \\
 \hline
 0
 \end{array}$$

Hence, $35 \div 5 = 7$

(h) $32 \div 4$

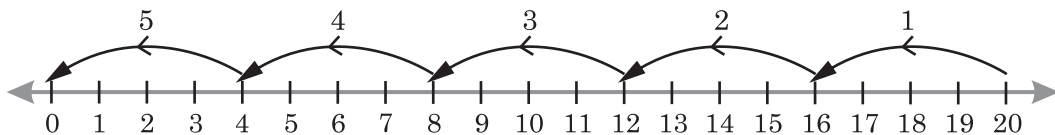
$$\begin{array}{r}
 32 \\
 - 4 \\
 \hline
 28 \\
 - 4 \\
 \hline
 24 \\
 - 4 \\
 \hline
 20 \\
 - 4 \\
 \hline
 16 \\
 - 4 \\
 \hline
 12 \\
 - 4 \\
 \hline
 8 \\
 - 4 \\
 \hline
 4 \\
 - 4 \\
 \hline
 0
 \end{array}$$

Hence, $32 \div 4 = 8$

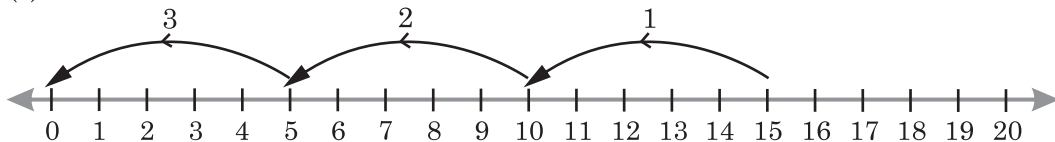
2. (a) $6 \div 3 = 2$



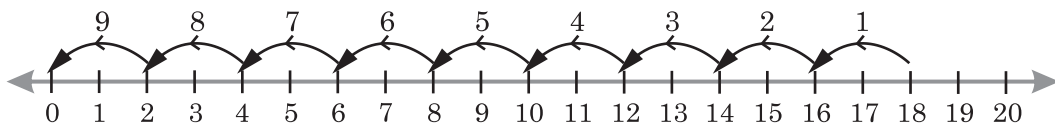
(b) $20 \div 4 = 5$



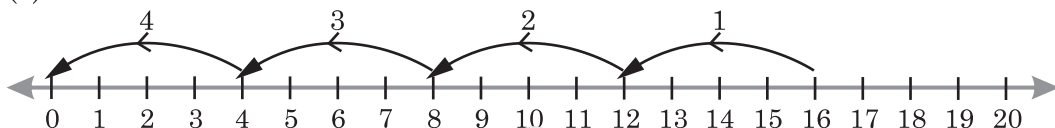
(c) $20 \div 4 = 5$



(d) $18 \div 2 = 9$



(e) $16 \div 4 = 4$



Practice Coach - 3 !

1. (a) 1 (b) 7 (c) 1 (d) 0 (e) 15 (f) 0
2. (a) $72 \div 9 = 8$, $72 \div 8 = 9$ (b) $56 \div 7 = 8$, $56 \div 8 = 7$
(c) $27 \div 9 = 3$, $27 \div 3 = 9$ (d) $64 \div 8 = 8$, $64 \div 8 = 8$
(e) $20 \div 5 = 4$, $20 \div 4 = 5$
3. (2) $21 \div 7 = 3$, $7 \times 3 = 21$ (3) $32 \div 8 = 4$, $8 \times 4 = 32$

Practice Coach - 4 !

- (a) $96 \div 3$ (b) $48 \div 2$ (c) $93 \div 3$ (d) $64 \div 2$ (e) $54 \div 2$ (f) $78 \div 3$
- | | | | | | |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| $\begin{array}{r} 32 \\ 3 \overline{) 96} \\ - 9 \\ \hline 06 \\ - 6 \\ \hline 0 \end{array}$ | $\begin{array}{r} 24 \\ 2 \overline{) 48} \\ - 4 \\ \hline 08 \\ - 8 \\ \hline 0 \end{array}$ | $\begin{array}{r} 31 \\ 3 \overline{) 93} \\ - 9 \\ \hline 03 \\ - 3 \\ \hline 0 \end{array}$ | $\begin{array}{r} 32 \\ 2 \overline{) 64} \\ - 6 \\ \hline 04 \\ - 4 \\ \hline 0 \end{array}$ | $\begin{array}{r} 27 \\ 2 \overline{) 54} \\ - 4 \\ \hline 14 \\ - 14 \\ \hline 0 \end{array}$ | $\begin{array}{r} 26 \\ 3 \overline{) 78} \\ - 6 \\ \hline 18 \\ - 18 \\ \hline 0 \end{array}$ |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
- (g) $96 \div 4$ (h) $85 \div 5$ (i) $730 \div 3$ (j) $372 \div 6$ (k) $788 \div 2$ (l) $128 \div 8$
- | | | | | | |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| $\begin{array}{r} 24 \\ 4 \overline{) 96} \\ - 8 \\ \hline 16 \\ - 16 \\ \hline 0 \end{array}$ | $\begin{array}{r} 17 \\ 5 \overline{) 85} \\ - 5 \\ \hline 35 \\ - 35 \\ \hline 0 \end{array}$ | $\begin{array}{r} 146 \\ 3 \overline{) 730} \\ - 5 \\ \hline 23 \\ - 20 \\ \hline 30 \\ - 30 \\ \hline 0 \end{array}$ | $\begin{array}{r} 62 \\ 6 \overline{) 372} \\ - 36 \\ \hline 12 \\ - 12 \\ \hline 0 \end{array}$ | $\begin{array}{r} 394 \\ 2 \overline{) 788} \\ - 6 \\ \hline 18 \\ - 18 \\ \hline 08 \\ - 8 \\ \hline 0 \end{array}$ | $\begin{array}{r} 16 \\ 8 \overline{) 128} \\ - 8 \\ \hline 48 \\ - 48 \\ \hline 0 \end{array}$ |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
- (m) $805 \div 7$ (n) $972 \div 4$ (o) $316 \div 2$ (p) $492 \div 2$
- | | | | |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| $\begin{array}{r} 115 \\ 7 \overline{) 805} \\ - 7 \\ \hline 10 \\ - 7 \\ \hline 35 \\ - 35 \\ \hline 0 \end{array}$ | $\begin{array}{r} 243 \\ 4 \overline{) 972} \\ - 8 \\ \hline 17 \\ - 16 \\ \hline 12 \\ - 12 \\ \hline 0 \end{array}$ | $\begin{array}{r} 158 \\ 2 \overline{) 316} \\ - 2 \\ \hline 11 \\ - 10 \\ \hline 16 \\ - 16 \\ \hline 0 \end{array}$ | $\begin{array}{r} 246 \\ 2 \overline{) 492} \\ - 4 \\ \hline 9 \\ - 8 \\ \hline 12 \\ - 12 \\ \hline 0 \end{array}$ |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|

Practice Coach - 5 !

- (a) $62 \div 8$ (b) $93 \div 7$ (c) $87 \div 5$ (d) $63 \div 4$ (e) $79 \div 6$ (f) $58 \div 3$
- | | | | | | |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| $\begin{array}{r} 7 \\ 8 \overline{) 62} \\ - 56 \\ \hline 6 \end{array}$ | $\begin{array}{r} 13 \\ 7 \overline{) 93} \\ - 7 \\ \hline 23 \\ - 21 \\ \hline 2 \end{array}$ | $\begin{array}{r} 17 \\ 5 \overline{) 87} \\ - 5 \\ \hline 37 \\ - 35 \\ \hline 2 \end{array}$ | $\begin{array}{r} 15 \\ 4 \overline{) 63} \\ - 4 \\ \hline 23 \\ - 20 \\ \hline 3 \end{array}$ | $\begin{array}{r} 13 \\ 6 \overline{) 79} \\ - 6 \\ \hline 19 \\ - 18 \\ \hline 1 \end{array}$ | $\begin{array}{r} 19 \\ 3 \overline{) 58} \\ - 3 \\ \hline 28 \\ - 27 \\ \hline 1 \end{array}$ |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|



(g) $49 \div 2$	(h) $88 \div 9$	(i) $747 \div 5$	(j) $867 \div 6$	(k) $937 \div 3$	(l) $953 \div 4$
$\begin{array}{r} 24 \\ 2 \overline{) 49} \\ - 4 \\ \hline 09 \\ - 8 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ 9 \overline{) 88} \\ - 81 \\ \hline 7 \end{array}$	$\begin{array}{r} 149 \\ 5 \overline{) 747} \\ - 5 \\ \hline 24 \\ - 20 \\ \hline 47 \\ - 45 \\ \hline 2 \end{array}$	$\begin{array}{r} 144 \\ 6 \overline{) 867} \\ - 6 \\ \hline 26 \\ - 24 \\ \hline 27 \\ - 24 \\ \hline 3 \end{array}$	$\begin{array}{r} 312 \\ 3 \overline{) 937} \\ - 9 \\ \hline 03 \\ - 3 \\ \hline 07 \\ - 6 \\ \hline 1 \end{array}$	$\begin{array}{r} 238 \\ 4 \overline{) 953} \\ - 8 \\ \hline 15 \\ - 12 \\ \hline 33 \\ - 32 \\ \hline 1 \end{array}$

(m) $651 \div 2$	(n) $505 \div 7$	(o) $109 \div 6$	(p) $253 \div 8$
$\begin{array}{r} 325 \\ 2 \overline{) 651} \\ - 6 \\ \hline 05 \\ - 4 \\ \hline 11 \\ - 10 \\ \hline 0 \end{array}$	$\begin{array}{r} 72 \\ 7 \overline{) 505} \\ - 49 \\ \hline 15 \\ - 14 \\ \hline 1 \end{array}$	$\begin{array}{r} 18 \\ 6 \overline{) 109} \\ - 6 \\ \hline 49 \\ - 48 \\ \hline 1 \end{array}$	$\begin{array}{r} 31 \\ 8 \overline{) 253} \\ - 24 \\ \hline 13 \\ - 8 \\ \hline 5 \end{array}$

Practice Coach - 6!

(a) $203 \div 3$	(b) $425 \div 4$	(c) $817 \div 8$	(d) $905 \div 9$	(e) $638 \div 6$	(f) $637 \div 5$
$\begin{array}{r} 67 \\ 3 \overline{) 203} \\ - 18 \\ \hline 23 \\ - 21 \\ \hline 2 \end{array}$	$\begin{array}{r} 106 \\ 4 \overline{) 425} \\ - 4 \\ \hline 025 \\ - 24 \\ \hline 1 \end{array}$	$\begin{array}{r} 102 \\ 8 \overline{) 817} \\ - 8 \\ \hline 017 \\ - 16 \\ \hline 1 \end{array}$	$\begin{array}{r} 100 \\ 9 \overline{) 905} \\ - 9 \\ \hline 005 \end{array}$	$\begin{array}{r} 106 \\ 6 \overline{) 638} \\ - 6 \\ \hline 038 \\ - 36 \\ \hline 2 \end{array}$	$\begin{array}{r} 127 \\ 5 \overline{) 637} \\ - 5 \\ \hline 13 \\ - 10 \\ \hline 37 \\ - 35 \\ \hline 2 \end{array}$

Practice Coach - 7!

1. (a) $48 \div 10$	(b) $69 \div 10$	(c) $954 \div 10$	(d) $96 \div 10$
$\begin{array}{r} 4 \\ 10 \overline{) 48} \\ - 40 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ 10 \overline{) 69} \\ - 60 \\ \hline 9 \end{array}$	$\begin{array}{r} 95 \\ 10 \overline{) 954} \\ - 90 \\ \hline 54 \\ - 50 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ 10 \overline{) 96} \\ - 90 \\ \hline 6 \end{array}$

Quotient = 4
Remainder = 8

Quotient = 6
Remainder = 9

Quotient = 95
Remainder = 4

Quotient = 9
Remainder = 6



(e) $453 \div 10$

$$\begin{array}{r} 45 \\ 10 \overline{) 453} \\ - 40 \\ \hline 53 \\ - 50 \\ \hline 3 \end{array}$$

Quotient = 45
Remainder = 3

(f) $783 \div 10$

$$\begin{array}{r} 78 \\ 10 \overline{) 783} \\ - 70 \\ \hline 83 \\ - 80 \\ \hline 3 \end{array}$$

Quotient = 78
Remainder = 3

2. (a) $23 \div 3$

$$\begin{array}{r} 7 \\ 3 \overline{) 23} \\ - 21 \\ \hline 2 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$23 = 3 \times 7 + 2$$

$$= 21 + 2$$

$$= 23, \text{ Hence verified!}$$

(b) $322 \div 5$

$$\begin{array}{r} 64 \\ 5 \overline{) 322} \\ - 30 \\ \hline 22 \\ - 20 \\ \hline 2 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$322 = 5 \times 64 + 2$$

$$= 320 + 2$$

$$= 322, \text{ Hence verified!}$$

(c) $651 \div 2$

$$\begin{array}{r} 325 \\ 2 \overline{) 651} \\ - 6 \\ \hline 05 \\ - 4 \\ \hline 11 \\ - 10 \\ \hline 1 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$651 = 2 \times 325 + 1$$

$$= 650 + 1$$

$$= 651, \text{ Hence verified!}$$

(d) $297 \div 6$

$$\begin{array}{r} 49 \\ 6 \overline{) 297} \\ - 24 \\ \hline 57 \\ - 54 \\ \hline 3 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$297 = 6 \times 49 + 3$$

$$= 294 + 3$$

$$= 297, \text{ Hence verified!}$$

(e) $389 \div 4$

$$\begin{array}{r} 97 \\ 4 \overline{) 389} \\ - 36 \\ \hline 29 \\ - 28 \\ \hline 1 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$389 = 4 \times 97 + 1$$

$$= 388 + 1$$

$$= 389, \text{ Hence verified!}$$



(f) $649 \div 8$

$$\begin{array}{r} 81 \\ 8 \overline{) 649} \\ - 64 \\ \hline 09 \\ - 8 \\ \hline 1 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$\begin{aligned} 649 &= 8 \times 81 + 1 \\ &= 648 + 1 \\ &= 649, \text{ Hence verified!} \end{aligned}$$

(g) $505 \div 7$

$$\begin{array}{r} 72 \\ 7 \overline{) 505} \\ - 49 \\ \hline 15 \\ - 14 \\ \hline 1 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$\begin{aligned} 505 &= 7 \times 72 + 1 \\ &= 504 + 1 \\ &= 505, \text{ Hence verified!} \end{aligned}$$

(h) $109 \div 6$

$$\begin{array}{r} 18 \\ 6 \overline{) 109} \\ - 6 \\ \hline 49 \\ - 48 \\ \hline 1 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$\begin{aligned} 109 &= 6 \times 18 + 1 \\ &= 108 + 1 \\ &= 109, \text{ Hence verified!} \end{aligned}$$

(i) $767 \div 8$

$$\begin{array}{r} 84 \\ 8 \overline{) 767} \\ - 64 \\ \hline 36 \\ - 32 \\ \hline 4 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$\begin{aligned} 767 &= 8 \times 84 + 4 \\ &= 672 + 4 \\ &= 767, \text{ Hence verified!} \end{aligned}$$

(j) $227 \div 4$

$$\begin{array}{r} 56 \\ 4 \overline{) 227} \\ - 20 \\ \hline 27 \\ - 24 \\ \hline 3 \end{array}$$

$\therefore \text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

$$\begin{aligned} 227 &= 4 \times 56 + 3 \\ &= 224 + 3 \\ &= 227, \text{ Hence verified!} \end{aligned}$$

Practice Coach - 8 :

1. Cost of 6 bicycle toys = ₹ 540

Cost of 1 bicycle toy = ₹ $540 \div 6$

\therefore Cost of each bicycle toy = ₹ 90

$$\begin{array}{r} 90 \\ 6 \overline{) 540} \\ - 540 \\ \hline 0 \end{array}$$



2. Total number of mangoes = 405

Number of cartons = 8

The mangoes are there in each carton = $405 \div 8$

Each carton have mangoes = 50

So, Each carton will get 50 mangoes and 5 mangoes will be leftover.

$$\begin{array}{r} 50 \\ 8 \overline{) 405} \\ - 400 \\ \hline 05 \end{array}$$

3. The product of two numbers = 894

If one number = 3

Then other number = $894 \div 3$

\therefore Other number is 298.

$$\begin{array}{r} 298 \\ 3 \overline{) 894} \\ - 894 \\ \hline 0 \end{array}$$

4. Divisor = 4, Quotient = 196, Remainder = 3

\therefore Dividend = Divisor \times Quotient + Remainder

$$= 4 \times 196 + 3$$

$$= 784 + 3$$

$$= 787$$

So, the dividend is 787.

$$\begin{array}{r} 122 \\ 8 \overline{) 976} \\ - 8 \\ \hline 17 \end{array}$$

5. A man earns money in 8 days = ₹ 976

Earn money in 1 day = ₹ $976 \div 8$

\therefore A man earn money ₹ 122 in one day.

$$\begin{array}{r} 122 \\ - 16 \\ \hline 16 \\ - 16 \\ \hline 0 \end{array}$$

6. The number of total wheels = 93

The tricycles can be made by using 93 wheels

$$= 93 \div 3 = 31$$

So, 31 tricycle can be made by using 93 wheels.

$$\begin{array}{r} 31 \\ 3 \overline{) 93} \\ - 9 \\ \hline 03 \\ - 3 \\ \hline 0 \end{array}$$

7. The total words = 888

A sentence have words = 8

The sentences can be made from 888 words.

$$= 888 \div 8 = 111$$

So, there are 111 sentences of 8 words can be made from 888 words

$$\begin{array}{r} 111 \\ 8 \overline{) 888} \\ - 8 \\ \hline 08 \\ - 8 \\ \hline 08 \\ - 8 \\ \hline 0 \end{array}$$

8. The number of total earbuds = 232

A bundle have earbuds = 10

The earbuds will be left = $232 \div 10$

So, there are 2 earbuds will be left after to be tied into equal bundles of

10 earbuds.

$$\begin{array}{r} 23 \\ 10 \overline{) 232} \\ - 20 \\ \hline 32 \\ - 30 \\ \hline 2 \end{array}$$



Mental Maths

1. Divisor \times Quotient + Remainder 2. 0 3. 48 4. 967 5. 5 6. 6
 7. $64 \div 8 = 8$ 8. $7 \div 0 = 0$ 9. $4 \times 5 + 2 = 22$

Multiple Choice Questions (MCQs) :




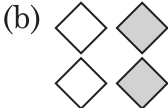
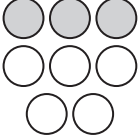
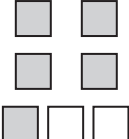
1. (a) $72 \div 8 = 9$ 2. (c) $8 \div 1 = 8$ 3. (b) repeated subtraction
 4. (a) two 5. (b) 1

Chapter

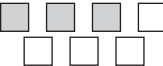

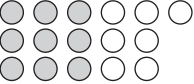


7

Fractions

Practice Coach - 1 !

1. (a), (d) 2. (a)  (b) 
3. (a)  $\frac{4}{6}$ (b)  $\frac{2}{4}$ (c)  $\frac{3}{8}$ (d)  $\frac{5}{7}$

Practice Coach - 2 !

1. (a) 2. (a) $\frac{1}{2}$ (b) $\frac{2}{5}$ (c) $\frac{3}{6}$ (d) $\frac{1}{2}$ (e) $\frac{4}{12}$ (f) $\frac{2}{5}$ 3. (a) $\frac{3}{5}$ (b) $\frac{4}{7}$ (c) $\frac{5}{9}$
 (d) $\frac{1}{6}$ 4. (a) numerator-2, denominator-3 (b) numerator-2, denominator-9, (c) numerator-7, denominator-11 (d) numerator 1, denominator-5, (e) numerator-3, denominator-8 (f) numerator 5, denominator-6 (g) numerator-6, denominator-7 (h) numerator-5, denominator-11 5. (a) $\frac{2}{4}$ (b) $\frac{1}{8}$ (c) $\frac{4}{10}$ (d) $\frac{9}{11}$ (e) $\frac{3}{7}$ (f) $\frac{2}{9}$
 6. (a) $\frac{7}{16}$ (b) $\frac{9}{14}$
7. (a) $\frac{3}{7}$  three-sevenths (b) $\frac{1}{3}$  one-third
 (c) $\frac{9}{16}$  nine-sixteenths (d) $\frac{1}{2}$  one-half
 (e) $\frac{6}{12}$  six-twelfths



Practice Coach - 3 !

- (a) 3 (b) 2 (c) 2 (d) 6 (e) 6 (f) 3
- fraction for shaded part – (a) $\frac{3}{4}$ (b) $\frac{1}{4}$ (c) $\frac{6}{12}$ (d) $\frac{4}{8}$,
fraction for unshaded part – (a) $\frac{1}{4}$ (b) $\frac{3}{4}$ (c) $\frac{6}{12}$ (d) $\frac{4}{8}$
- Sunita ate pizza = $\frac{1}{4}$ of 12 pieces
$$= 12 \times \frac{1}{4} = \frac{12}{4} = 3$$

So, Sunita ate 3 pieces of pizza.
- Ashwin has shoes = 5 pairs
He has black shoes = 3 pairs
He has brown shoes = 2 pairs $\frac{2}{5}$
The fraction of brown shoes =
- Dolly had balloons with her = 20
The balloons blown away = 13
The fraction of balloons is blown away = $\frac{13}{20}$
- The number of total students = 18
The number of equal groups = 6
The children will be in each group = $\frac{18}{6} = 3$

Mental Maths

- $\frac{2}{5}$ 2. 2 3. $\frac{1}{4} \times 36 = 9$ 4. $\frac{1}{5} \times 25 = 5$ 5. $\frac{1}{2}$ 6. yes, it is true.
- 2 8. fourths 9. 2 10. 3

Multiple Choice Questions (MCQs) :

- (b) 3 balls 2. (a) 7 3. (c) $\frac{4}{9}$ 4. (b) 4 kites



Practice Coach - 1 :

- (a) Straight lines – 30 (b) Slanting lines – 9 (c) Vertical lines – 9
(d) Curved lines – 11 (e) Horizontal lines – 12
- (a) $A \rightsquigarrow B$ (b) $C \bullet \text{---} \bullet D$ (c) $E \rightsquigarrow F$
(d) $G \bullet \text{---} \bullet H$
- (b) Line \overleftrightarrow{AB} (c) Point $\bullet P$ (d) Ray \overrightarrow{MN}
(e) Line segment \overline{EF} (f) Ray \overrightarrow{ST}
- (a) \overline{PQ} (b) \overline{NQ} (c) \overline{MQ}
- (a) False (b) False (c) True (d) False

Practice Coach - 2 :

Do yourself

Practice Coach - 3 :


- (a) Square (b) Circle (c) Rectangle (d) Triangle
- (a) 0, sides, 0 vertices (b) 3 sides, 3 vertices (c) 4 sides, 4 vertices
(d) 4 sides, 4 vertices (e) 4 sides, 4 vertices

Practice Coach - 4 :

- (a) Cubical (b) Conical (c) Circular (d) Cylindrical
(e) Cuboidal (f) Cuboidal

	Edge	Faces	Vertices
(a) Cube	12	6	8
(b) Cuboid	12	6	8
(c) Cylinder	2	3	0
(d) Cone	1	2	1
(e) Sphere	0	1	0

Mental Maths

-  2. edge 3. square 4. 5 5. no 6. 2 7. circle 8. opposite
9. 3-D 10. 3

Multiple Choice Questions (MCQs) :

- (c) 6 2. (b) 6 3. (b) circle 4. (a) cube 5. (b) 1



















Chapter
















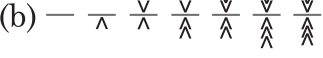













9

Symmetry and Patterns

Practice Coach - 1!

1. (b) (f) 2. (a)  (b)  (c)  (d)  (e)  (f) 
3. (a)  (b)  (c)  (d)  (e)  (f)  (g)  (h)  (i)  (j) 

Practice Coach - 2!

1. (a) 5, 15, 45, 135, 405, 1215, 3645 (b) 100, 200, 300, 400, 500, 600, 700
(c) 218, 227, 236, 245, 254, 263, 272 (d) 128, 64, 32, 16, 8, 4, 2
2. (a) 12A, 34C, 56E, 78G, 100I, 122K (b)       
(c)       
3. (a)  (b) 
- (c)        (d)      

4. (a) $98 = 9 \times 10 + 8$
 $= 8 \times 10 + 18$
 $= 7 \times 10 + 28$
 $= 6 \times 10 + 38$
 $= 5 \times 10 + 48$
- (b) $96 = 1 \times 96$
 $= 2 \times 48$
 $= 3 \times 32$
 $= 6 \times 16$
 $= 8 \times 12$

Multiple Choice Questions (MCQs) :

1. (a) 00 2. (a) \emptyset 3. (a) 440 4. (c) AAAAB 5. (c) 500

Chapter

10

Measurement

Practice Coach - 1!

1. (a) Length of your pencil box – cm (b) Length of pen – cm
(c) Length of pencil – cm (d) Length of wall – m
(e) Length of table – m (f) Length of door – m
(g) Distance between Delhi and Kanpur – km
2. (a) 4 m (b) 6 m
 $1 \text{ m} = 100 \text{ cm}$ $1 \text{ m} = 100 \text{ cm}$
 $4 \text{ m} = 4 \times 100 \text{ cm} = 400 \text{ cm}$ $6 \text{ m} = 6 \times 100 \text{ cm} = 600 \text{ cm}$



(c) 45 m

$$1 \text{ m} = 100 \text{ cm}$$

$$45 \text{ m} = 45 \times 100 \text{ cm} = 4500 \text{ cm}$$

(e) 4 m 50 cm = 4 m + 50 cm

$$4 \text{ m} = 4 \times 100 \text{ cm} = 400 \text{ cm}$$

$$\text{Thus, } 4 \text{ m } 50 \text{ cm} = 400 \text{ cm} + 50 \text{ cm} = 450 \text{ cm}$$

(f) 7 m 54 cm = 7 m + 54 cm

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

$$\text{Thus, } 7 \text{ m } 54 \text{ cm} = 700 \text{ cm} + 54 \text{ cm} = 754 \text{ cm}$$

(g) 69 m 13 cm = 69 m + 13 cm

$$69 \text{ m} = 69 \times 100 \text{ cm} = 6900 \text{ cm}$$

$$\text{Thus, } 69 \text{ m } 13 \text{ cm} = 6900 \text{ cm} + 13 \text{ cm} = 6913 \text{ cm}$$

(h) 86 m 4 cm = 86 m + 4 cm

$$86 \text{ m} = 86 \times 100 \text{ cm} = 8600 \text{ cm}$$

$$\text{Thus, } 86 \text{ m } 4 \text{ cm} = 8600 \text{ cm} + 4 \text{ cm} = 8604 \text{ cm}$$

3. (a) 900 cm

$$100 \text{ cm} = 1 \text{ m}$$

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

$$\text{Thus, } 900 \text{ cm} = 9 \text{ m}$$

(c) 545 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$545 \text{ cm} = 500 \text{ cm} + 45 \text{ cm}$$

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

$$\text{Thus, } 545 \text{ cm} = 5 \text{ m} + 45 \text{ cm} \\ = 5 \text{ m } 45 \text{ cm}$$

(e) 1838 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$1838 \text{ cm} = 1800 \text{ cm} + 38 \text{ cm}$$

$$1800 \text{ cm} = 1800 \div 100 \text{ m} = 18 \text{ m}$$

$$\text{Thus, } 1838 \text{ cm} = 18 \text{ m} + 38 \text{ cm} \\ = 18 \text{ m } 38 \text{ cm}$$

(g) 1908 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$1908 \text{ cm} = 1900 \text{ cm} + 8 \text{ cm}$$

$$1900 \text{ cm} = 1900 \div 100 \text{ m} = 19 \text{ m}$$

$$\text{Thus, } 1908 \text{ cm} = 19 \text{ m} + 8 \text{ cm} \\ = 19 \text{ m } 8 \text{ cm}$$

(d) 69 m

$$1 \text{ m} = 100 \text{ cm}$$

$$69 \text{ m} = 69 \times 100 \text{ cm} = 6900$$

(b) 1200 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$1200 \text{ cm} = 1200 \div 100 \text{ m} = 12 \text{ m}$$

$$\text{Thus, } 1200 \text{ cm} = 12 \text{ m}$$

(d) 947 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$947 \text{ cm} = 900 \text{ cm} + 47 \text{ cm}$$

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

$$\text{Thus, } 947 \text{ cm} = 9 \text{ m} + 47 \text{ cm} \\ = 9 \text{ m } 47 \text{ cm}$$

(f) 2460 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$2460 \text{ cm} = 2400 \text{ cm} + 60 \text{ cm}$$

$$2400 \text{ cm} = 2400 \div 100 \text{ m} = 24 \text{ m}$$

$$\text{Thus, } 2460 \text{ cm} = 24 \text{ m} + 60 \text{ cm} \\ = 24 \text{ m } 60 \text{ cm}$$

(f) 2634 cm

$$100 \text{ cm} = 1 \text{ m}$$

$$2634 \text{ cm} = 2600 \text{ cm} + 34 \text{ cm}$$

$$2600 \text{ cm} = 2600 \div 100 \text{ m} = 26 \text{ m}$$

$$\text{Thus, } 2634 \text{ cm} = 26 \text{ m} + 34 \text{ cm} \\ = 26 \text{ m } 34 \text{ cm}$$

4. (a) > (b) = (c) > (d) >

Practice Coach - 2!

1. (a) 4 km

$$1 \text{ km} = 1000 \text{ m}$$

$$4 \text{ km} = 4 \times 1000 \text{ m} = 4000 \text{ m}$$

$$\text{Thus, } 4 \text{ km} = 4000 \text{ m}$$

(b) 6 km

$$1 \text{ km} = 1000 \text{ m}$$

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

$$\text{Thus, } 6 \text{ km} = 6000 \text{ m}$$



(c) 2 km 800 m
 $1 \text{ km} = 1000 \text{ m}$
 $2 \text{ km } 800 \text{ m} = 2 \text{ km} + 800 \text{ m}$
 $2 \text{ km} = 2 \times 1000 \text{ m} = 2000 \text{ m}$
 Thus, 2 km 800 m
 $= 2000 \text{ m} + 800 \text{ m} = 2800 \text{ m}$

(d) 6 km 960 m
 $1 \text{ km} = 1000 \text{ m}$
 $6 \text{ km } 960 \text{ m} = 6 \text{ km} + 960 \text{ m}$
 $6 \text{ km} = 6 \times 1000 \text{ m} = 6000 \text{ m}$
 Thus, 6 km 960 m
 $= 6000 \text{ m} + 960 \text{ m} = 6960 \text{ m}$

(e) 9 km 100 m
 $1 \text{ km} = 1000 \text{ m}$
 $9 \text{ km } 100 \text{ m} = 9 \text{ km} + 100 \text{ m}$
 $9 \text{ km} = 9 \times 1000 \text{ m} = 9000 \text{ m}$
 Thus, 9 km 100 m
 $= 9000 \text{ m} + 100 \text{ m} = 10000 \text{ m}$

(f) 9 km 250 m
 $1 \text{ km} = 1000 \text{ m}$
 $9 \text{ km } 250 \text{ m} = 9 \text{ km} + 250 \text{ m}$
 $9 \text{ km} = 9 \times 1000 \text{ m} = 9000 \text{ m}$
 Thus, 9 km 250 m
 $= 9000 \text{ m} + 250 \text{ m} = 9250 \text{ m}$

(g) 7 km 364 m
 $1 \text{ km} = 1000 \text{ m}$
 $7 \text{ km } 364 \text{ m} = 7 \text{ km} + 364 \text{ m}$
 $7 \text{ km} = 7 \times 1000 \text{ m} = 7000 \text{ m}$
 Thus, 7 km 364 m
 $= 7000 \text{ m} + 364 \text{ m} = 7364 \text{ m}$

(h) 30 km 900 m
 $1 \text{ km} = 1000 \text{ m}$
 $30 \text{ km } 900 \text{ m} = 30 \text{ km} + 900 \text{ m}$
 $30 \text{ km} = 30 \times 1000 \text{ m} = 30000 \text{ m}$
 Thus, 30 km 900 m
 $= 30000 \text{ m} + 900 \text{ m} = 30900 \text{ m}$

2. (a) 4000 m
 $1000 \text{ m} = 1 \text{ km}$
 $4000 \text{ m} = 4000 \div 1000 \text{ km} = 4 \text{ km}$
 Thus, 4000 m = 4 km

(b) 6000 m
 $1000 \text{ m} = 1 \text{ km}$
 $6000 \text{ m} = 6000 \div 1000 \text{ km} = 6 \text{ km}$
 Thus, 6000 m = 6 km

(c) 2689 m
 $1000 \text{ m} = 1 \text{ km}$
 $2689 \text{ m} = 2000 \text{ m} + 689 \text{ m}$
 $2000 \text{ m} = 2000 \div 1000 \text{ km} = 2 \text{ km}$
 Thus, 2689 m = 2 km + 689 m
 $= 2 \text{ km } 689 \text{ m}$

(d) 9894 m
 $1000 \text{ m} = 1 \text{ km}$
 $9894 \text{ m} = 9000 \text{ m} + 894 \text{ m}$
 $9000 \text{ m} = 9000 \div 1000 \text{ km} = 9 \text{ km}$
 Thus, 9894 m = 9 km + 894 m
 $= 9 \text{ km } 894 \text{ m}$

(e) 7565 m
 $1000 \text{ m} = 1 \text{ km}$
 $7565 \text{ m} = 7000 \text{ m} + 565 \text{ m}$
 $7000 \text{ m} = 7000 \div 1000 \text{ km} = 7 \text{ km}$
 Thus, 7565 m = 7 km + 565 m
 $= 7 \text{ km } 565 \text{ m}$

(f) 4900 m
 $1000 \text{ m} = 1 \text{ km}$
 $4900 \text{ m} = 4000 \text{ m} + 900 \text{ m}$
 $4000 \text{ m} = 4000 \div 1000 \text{ km} = 4 \text{ km}$
 Thus, 4900 m = 4 km + 900 m
 $= 4 \text{ km } 900 \text{ m}$

(g) 7508 m
 $1000 \text{ m} = 1 \text{ km}$
 $7508 \text{ m} = 7000 \text{ m} + 508 \text{ m}$
 $7000 \text{ m} = 7000 \div 1000 \text{ km} = 7 \text{ km}$
 Thus, 7508 m = 7 km + 508 m
 $= 7 \text{ km } 508 \text{ m}$

(h) 3565 m
 $1000 \text{ m} = 1 \text{ km}$
 $3565 \text{ m} = 3000 \text{ m} + 565 \text{ m}$
 $3000 \text{ m} = 3000 \div 1000 \text{ km} = 3 \text{ km}$
 Thus, 3565 m = 3 km + 565 m
 $= 3 \text{ km } 565 \text{ m}$



3. Ascending order :

2000 m, 4300 m, 5340 m, 6 km, 7 km, 9 km

Descending order :

9 km, 7 km, 6 km, 5340 m, 4300 m, 2000 m

Practice Coach - 3 !

1. (a) $\begin{array}{r} \text{m} \quad \text{cm} \\ 29 \quad 07 \\ + 19 \quad 45 \\ \hline 48 \quad 52 \end{array}$ (b) $\begin{array}{r} \text{m} \quad \text{cm} \\ 36 \quad 04 \\ + 78 \quad 09 \\ \hline 114 \quad 13 \end{array}$ (c) $\begin{array}{r} \text{m} \quad \text{cm} \\ 28 \quad 36 \\ + 36 \quad 28 \\ \hline 64 \quad 64 \end{array}$ (d) $\begin{array}{r} \text{m} \quad \text{cm} \\ 76 \quad 40 \\ + 48 \quad 70 \\ \hline 125 \quad 10 \end{array}$
- (e) $\begin{array}{r} \text{m} \quad \text{cm} \\ 22 \quad 43 \\ + 74 \quad 22 \\ \hline 96 \quad 65 \end{array}$ (f) $\begin{array}{r} \text{m} \quad \text{cm} \\ 85 \quad 35 \\ + 34 \quad 50 \\ \hline 119 \quad 85 \end{array}$ (g) $\begin{array}{r} \text{m} \quad \text{cm} \\ 81 \quad 66 \\ + 38 \quad 12 \\ \hline 119 \quad 78 \end{array}$ (h) $\begin{array}{r} \text{m} \quad \text{cm} \\ 96 \quad 01 \\ + 28 \quad 44 \\ \hline 124 \quad 45 \end{array}$
2. (a) $\begin{array}{r} \text{m} \quad \text{cm} \\ 79 \quad 28 \\ - 34 \quad 19 \\ \hline 45 \quad 09 \end{array}$ (b) $\begin{array}{r} \text{m} \quad \text{cm} \\ 38 \quad 61 \\ - 29 \quad 82 \\ \hline 08 \quad 79 \end{array}$ (c) $\begin{array}{r} \text{m} \quad \text{cm} \\ 76 \quad 38 \\ - 28 \quad 25 \\ \hline 48 \quad 13 \end{array}$ (d) $\begin{array}{r} \text{m} \quad \text{cm} \\ 64 \quad 50 \\ - 38 \quad 86 \\ \hline 25 \quad 64 \end{array}$
- (e) $\begin{array}{r} \text{m} \quad \text{cm} \\ 97 \quad 78 \\ - 39 \quad 84 \\ \hline 57 \quad 94 \end{array}$ (f) $\begin{array}{r} \text{m} \quad \text{cm} \\ 40 \quad 09 \\ - 36 \quad 07 \\ \hline 04 \quad 02 \end{array}$ (g) $\begin{array}{r} \text{m} \quad \text{cm} \\ 77 \quad 94 \\ - 26 \quad 03 \\ \hline 51 \quad 91 \end{array}$ (h) $\begin{array}{r} \text{m} \quad \text{cm} \\ 39 \quad 75 \\ - 18 \quad 43 \\ \hline 21 \quad 32 \end{array}$
3. (a) $\begin{array}{r} \text{m} \quad \text{cm} \\ 43 \quad 75 \\ 16 \quad 30 \\ + 36 \quad 03 \\ \hline 96 \quad 08 \end{array}$ (b) $\begin{array}{r} \text{m} \quad \text{cm} \\ 106 \quad 14 \\ 21 \quad 19 \\ + 76 \quad 55 \\ \hline 203 \quad 88 \end{array}$ 4. (a) $\begin{array}{r} \text{m} \quad \text{cm} \\ 31 \quad 00 \\ - 8 \quad 86 \\ \hline 22 \quad 14 \end{array}$ (b) $\begin{array}{r} \text{m} \quad \text{cm} \\ 53 \quad 43 \\ - 36 \quad 79 \\ \hline 16 \quad 64 \end{array}$

Practice Coach - 4 !

1. A shopkeeper sold cloth on Monday = 32 m
 He sold cloth on Tuesday = 56 m 675 cm
 The total length of the cloth in two days = 32 m + 56 m 675 cm
- $$\begin{array}{r} = 32 \text{ m} + (56 \text{ m} + 675 \text{ cm}) \\ = 32 \text{ m} + (56 \text{ m} (6 \text{ m} + 75 \text{ cm})) \\ = 32 \text{ m} + (62 \text{ m} + 75 \text{ cm}) \\ = 32 \text{ m} + 62 \text{ m} 75 \text{ cm} \\ = 94 \text{ m} 75 \text{ cm} \end{array}$$

Thus, the shopkeeper sold cloth in two days is 94 m 75 cm.

2. The height of the building = 20 m
 The height of the ground floor = 4 m 50 cm
 The height of rest of the building = 20 m - 4 m 50 cm
- $$\begin{array}{r} = 15 \text{ m} 50 \text{ cm} \end{array}$$

Thus, the height of rest of the building is 15 m 50 cm.



3. The length of first ladder = 17 m 84 cm	m cm
The length of second ladder = 28 m 79 cm	17 84
The total length of both ladders	+ 28 79
= 17 m 84 cm + 28 m 79 cm	46 63
= 46 m 63 cm	

Thus, the total length of both ladders is 46 m 63 cm.

4. Total distance covered by Ramesh = 50 km 90 cm	m cm
He walks by foot = 20 km 15 m	50 090
He travelled by car = 50 km 90 cm – 20 km 15 m	– 20 015
= 30 km 75 m	30 075

Thus, he travelled 30 km 75 m by car.

5. A tailor has thread = 216 m	m cm
He used thread for stitching = 104 m	216 00
The thread is left with him = 216 m – 104 m	– 104 00
= 112 m	112 00

Thus, the thread is 112 m left with him.

Practice Coach - 5 !

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. (a) 8 kg
1 kg = 1000 g
8 kg = 8 × 1000 g = 8000 g</p> <p>(c) 54 kg
1 kg = 1000 g
54 kg = 54 × 1000 g = 54000 g</p> <p>(e) 4 kg 650 g
1 kg = 1000 g
4 kg 650 g = 4 kg + 650 g
4 kg = 4 × 1000 g = 4000 g
Thus, 4 kg 650 g
= 4000 g + 650 g = 4650 g</p> <p>(g) 8 kg 249 g
1 kg = 1000 g
8 kg 249 g = 8 kg + 249 g
8 kg = 8 × 1000 g = 8000 g
Thus, 8 kg 249 g
= 8000 g + 249 g = 8249 g</p> | <p>(b) 19 kg
1 kg = 1000 g
19 kg = 19 × 1000 g = 19000 g</p> <p>(d) 65 kg
1 kg = 1000 g
65 kg = 65 × 1000 g = 65000 g</p> <p>(f) 9 kg 234 g
1 kg = 1000 g
9 kg 234 g = 9 kg + 234 g
9 kg = 9 × 1000 g = 9000 g
Thus, 9 kg 234 g
= 9000 g + 234 g = 9234 g</p> <p>(h) 7 kg 658 g
1 kg = 1000 g
7 kg 658 g = 7 kg + 658 g
7 kg = 7 × 1000 g = 7000 g
Thus, 7 kg 658 g
= 7000 g + 658 g = 7658 g</p> |
| <p>2. (a) 4000 g
1000 g = 1 kg
4000 g = 4000 g ÷ 1000 g = 4 kg</p> | <p>(b) 15000 g
1000 g = 1 kg
15000 g = 15000 ÷ 1000 g = 15 kg</p> |



(c) 4642 g
 $1000 \text{ g} = 1 \text{ kg}$
 $4642 \text{ g} = 4000 \text{ g} + 642 \text{ g}$
 $4000 \text{ g} = 4000 \div 1000 \text{ kg} = 4 \text{ kg}$
 Thus, $4642 \text{ g} = 4 \text{ kg} + 642 \text{ g}$
 $= 4 \text{ kg } 642 \text{ g}$

(d) 5986 g
 $1000 \text{ g} = 1 \text{ kg}$
 $5986 \text{ g} = 5000 \text{ g} + 986 \text{ g}$
 $5000 \text{ g} = 5000 \div 1000 \text{ kg} = 5 \text{ kg}$
 Thus, $5986 \text{ g} = 5 \text{ kg} + 986 \text{ g}$
 $= 5 \text{ kg } 986 \text{ g}$

(e) 9696 g
 $1000 \text{ g} = 1 \text{ kg}$
 $9696 \text{ g} = 9000 \text{ g} + 696 \text{ g}$
 $9000 \text{ g} = 9000 \div 1000 \text{ kg} = 9 \text{ kg}$
 Thus, $9696 \text{ g} = 9 \text{ kg} + 696 \text{ g}$
 $= 9 \text{ kg } 696 \text{ g}$

(f) 3408 g
 $1000 \text{ g} = 1 \text{ kg}$
 $3408 \text{ g} = 3000 \text{ g} + 408 \text{ g}$
 $3000 \text{ g} = 3000 \div 1000 \text{ kg} = 3 \text{ kg}$
 Thus, $3408 \text{ g} = 3 \text{ kg} + 408 \text{ g}$
 $= 3 \text{ kg } 408 \text{ g}$

(g) 4506 g
 $1000 \text{ g} = 1 \text{ kg}$
 $4506 \text{ g} = 4000 \text{ g} + 506 \text{ g}$
 $4000 \text{ g} = 4000 \div 1000 \text{ kg} = 4 \text{ kg}$
 Thus, $4506 \text{ g} = 4 \text{ kg} + 506 \text{ g}$
 $= 4 \text{ kg } 506 \text{ g}$

(h) 6500 g
 $1000 \text{ g} = 1 \text{ kg}$
 $6500 \text{ g} = 6000 \text{ g} + 500 \text{ g}$
 $6000 \text{ g} = 6000 \div 1000 \text{ kg} = 6 \text{ kg}$
 Thus, $6500 \text{ g} = 6 \text{ kg} + 500 \text{ g}$
 $= 6 \text{ kg } 500 \text{ g}$

Practice Coach - 6 :

1. (a) $\begin{array}{r} \text{kg} \quad \text{g} \\ 18 \quad 450 \\ + 19 \quad 670 \\ \hline 38 \quad 120 \end{array}$ (b) $\begin{array}{r} \text{kg} \quad \text{g} \\ 35 \quad 480 \\ + 28 \quad 260 \\ \hline 63 \quad 740 \end{array}$ (c) $\begin{array}{r} \text{kg} \quad \text{g} \\ 86 \quad 650 \\ + 25 \quad 144 \\ \hline 111 \quad 794 \end{array}$ (d) $\begin{array}{r} \text{kg} \quad \text{g} \\ 97 \quad 350 \\ + 75 \quad 280 \\ \hline 172 \quad 630 \end{array}$
- (e) $\begin{array}{r} \text{kg} \quad \text{g} \\ 44 \quad 333 \\ - 34 \quad 999 \\ \hline 79 \quad 332 \end{array}$ (f) $\begin{array}{r} \text{kg} \quad \text{g} \\ 24 \quad 321 \\ + 16 \quad 525 \\ \hline 40 \quad 846 \end{array}$ (g) $\begin{array}{r} \text{kg} \quad \text{g} \\ 57 \quad 90 \\ + 62 \quad 53 \\ \hline 120 \quad 43 \end{array}$ (h) $\begin{array}{r} \text{kg} \quad \text{g} \\ 81 \quad 46 \\ + 25 \quad 28 \\ \hline 106 \quad 74 \end{array}$
2. (a) $\begin{array}{r} \text{kg} \quad \text{g} \\ 5 \quad 245 \\ - 3 \quad 125 \\ \hline 2 \quad 120 \end{array}$ (b) $\begin{array}{r} \text{kg} \quad \text{g} \\ 17 \quad 460 \\ - 12 \quad 890 \\ \hline 04 \quad 570 \end{array}$ (c) $\begin{array}{r} \text{kg} \quad \text{g} \\ 27 \quad 829 \\ - 19 \quad 698 \\ \hline 08 \quad 131 \end{array}$ (d) $\begin{array}{r} \text{kg} \quad \text{g} \\ 80 \quad 460 \\ - 30 \quad 159 \\ \hline 50 \quad 301 \end{array}$
- (e) $\begin{array}{r} \text{kg} \quad \text{g} \\ 69 \quad 470 \\ - 28 \quad 990 \\ \hline 40 \quad 480 \end{array}$ (f) $\begin{array}{r} \text{kg} \quad \text{g} \\ 49 \quad 796 \\ - 20 \quad 089 \\ \hline 29 \quad 707 \end{array}$ (g) $\begin{array}{r} \text{kg} \quad \text{g} \\ 69 \quad 26 \\ - 31 \quad 42 \\ \hline 37 \quad 84 \end{array}$ (h) $\begin{array}{r} \text{kg} \quad \text{g} \\ 91 \quad 15 \\ - 10 \quad 03 \\ \hline 81 \quad 12 \end{array}$
3. (a) $\begin{array}{r} \text{kg} \quad \text{g} \\ 90 \quad 342 \\ 12 \quad 680 \\ + 9 \quad 200 \\ \hline 112 \quad 222 \end{array}$ (b) $\begin{array}{r} \text{kg} \quad \text{g} \\ 324 \quad 016 \\ 200 \quad 050 \\ + 90 \quad 250 \\ \hline 614 \quad 316 \end{array}$ 4. (a) $\begin{array}{r} \text{kg} \quad \text{cm} \\ 80 \quad 820 \\ - 7 \quad 400 \\ \hline 73 \quad 420 \end{array}$ (b) $\begin{array}{r} \text{kg} \quad \text{g} \\ 85 \quad 889 \\ - 49 \quad 196 \\ \hline 36 \quad 693 \end{array}$



Practice Coach - 7 !

- Asha purchased potatoes = 4 kg 500 g

She purchased carrots = 3 kg 250 g

The total weight of vegetables = 4 kg 500 g + 3 kg 250 g

m	cm
4	500
+ 3	250
7 750	

= 7 kg 750 g
- On a shop, there was wheat in the morning = 94 kg 250 g

At the end of the day wheat was left = 54 kg 500 g

Wheat was sold = 94 kg 250 g – 54 kg 500 g

kg	g
94	250
– 54	500
39 750	

= 39 kg 750 g

Thus, 39 kg 750 g wheat was sold in a day.
- Anita bought mangoes = 15 kg 50 g

She bought oranges = 17 kg 500 g

The total weight of fruits = 15 kg 50 g + 17 kg 500 g

kg	g
15	050
+ 17	500
32 550	

= 32 kg 550 g

Thus, the total weight of fruits is 32 kg 550 g.
- Amisha suitcase weight = 28 kg 370 g

Gautam suitcase weight = 19 kg 280 g

∴ 28 kg 370 g > 19 kg 280 g

So = 28 kg 370 g – 19 kg 280 g

kg	g
28	370
– 19	280
09 090	

= 9 kg 90 g

Thus, Amisha suitcase weight 9 kg 90 g more than Gautam.
- A sack contains corn = 265 kg 850 g

The corn sold = 244 kg 325 g

The weight of remaining corn

kg	g
265	850
– 244	325
21 525	

= 265 kg 850 g – 244 kg 325 g

= 21 kg 525 g

Thus, 21 kg 525 g corn were remaining.

Practice Coach - 8 !

- (a) Litre (b) Millilitre (c) Litre (d) Litre (e) Millilitre
- (a) 2 l

1 l = 1000 ml

2 l = 2 × 1000 ml = 2000 ml

(c) 40 l

1 l = 1000 ml

40 l = 40 × 1000 ml = 40000 ml

(e) 54 l 535 ml

1 l = 1000 ml

54 l 535 ml = 54 l + 535 ml
- (b) 3 l

1 l = 1000 ml

3 l = 3 × 1000 ml = 3000 ml

(d) 53 l

1 l = 1000 ml

53 l = 53 × 1000 ml = 53000 ml

(f) 94 l 505 ml

1 l = 1000 ml

94 l 505 ml = 94 l + 505 ml



$$54 \text{ l} = 54 \times 100 \text{ ml} = 54000 \text{ ml}$$

$$\begin{aligned}\text{Thus, } 54 \text{ l } 535 \text{ ml} \\ &= 54000 \text{ ml} + 535 \text{ ml} \\ &= 54535 \text{ ml}\end{aligned}$$

(g) $73 \text{ l } 403 \text{ ml}$

$$\begin{aligned}1 \text{ l} &= 1000 \text{ ml} \\ 73 \text{ l } 403 \text{ ml} &= 73 \text{ l} + 403 \text{ ml} \\ 73 \text{ l} &= 73 \times 1000 \text{ ml} = 73000 \text{ ml} \\ \text{Thus, } 73 \text{ l } 403 \text{ ml} \\ &= 73000 \text{ ml} + 403 \text{ ml} \\ &= 73403 \text{ ml}\end{aligned}$$

3. (a) 3000 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 3000 \text{ ml} &= 3000 \div 1000 \text{ l} = 3 \text{ l}\end{aligned}$$

(c) 73000 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 73000 \text{ ml} &= 73000 \div 1000 \text{ l} \\ &= 73 \text{ l}\end{aligned}$$

(e) 6362 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 6362 \text{ ml} &= 6000 \text{ ml} + 362 \text{ ml} \\ 6000 \text{ ml} &= 6000 \div 1000 \text{ l} = 6 \text{ l} \\ \text{Thus, } 6362 \text{ ml} &= 6 \text{ l} + 362 \text{ ml} \\ &= 6 \text{ l } 362 \text{ ml}\end{aligned}$$

(g) 4496 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 4496 \text{ ml} &= 4000 \text{ ml} + 496 \text{ ml} \\ 4000 \text{ ml} &= 4000 \div 1000 \text{ l} = 4 \text{ l} \\ \text{Thus, } 4496 \text{ ml} &= 4 \text{ l} + 496 \text{ ml} \\ &= 4 \text{ l } 496 \text{ ml}\end{aligned}$$

$$94 \text{ l} = 94 \times 1000 \text{ ml} = 94000 \text{ ml}$$

$$\begin{aligned}\text{Thus, } 94 \text{ l } 505 \text{ ml} \\ &= 94000 \text{ ml} + 505 \text{ ml} \\ &= 94505 \text{ ml}\end{aligned}$$

(h) $70 \text{ l } 95 \text{ ml}$

$$\begin{aligned}1 \text{ l} &= 1000 \text{ ml} \\ 70 \text{ l } 95 \text{ ml} &= 70 \text{ l} + 95 \text{ ml} \\ 70 \text{ l} &= 70 \times 1000 \text{ ml} = 70000 \text{ ml} \\ \text{Thus, } 70 \text{ l } 95 \text{ ml} \\ &= 70000 \text{ ml} + 95 \text{ ml} \\ &= 70095 \text{ ml}\end{aligned}$$

(b) 15000 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 15000 \text{ ml} &= 15000 \div 1000 \text{ l} = 15 \text{ l}\end{aligned}$$

(d) 7689 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 7689 \text{ ml} &= 7000 \text{ ml} + 689 \text{ ml} \\ 7000 \text{ ml} &= 7000 \div 1000 \text{ l} = 7 \text{ l} \\ \text{Thus, } 7689 \text{ ml} &= 7 \text{ l} + 689 \text{ ml} \\ &= 7 \text{ l } 689 \text{ ml}\end{aligned}$$

(f) 5259 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 5259 \text{ ml} &= 5000 \text{ ml} + 259 \text{ ml} \\ 5000 \text{ ml} &= 5000 \div 1000 \text{ l} = 5 \text{ l} \\ \text{Thus, } 5259 \text{ ml} &= 5 \text{ l} + 259 \text{ ml} \\ &= 5 \text{ l } 259 \text{ ml}\end{aligned}$$

(h) 2426 ml

$$\begin{aligned}1000 \text{ ml} &= 1 \text{ l} \\ 2426 \text{ ml} &= 2000 \text{ ml} + 426 \text{ ml} \\ 2000 \text{ ml} &= 2000 \div 1000 \text{ l} = 2 \text{ l} \\ \text{Thus, } 2426 \text{ ml} &= 2 \text{ l} + 426 \text{ ml} \\ &= 2 \text{ l } 426 \text{ ml}\end{aligned}$$

Practice Coach - 6 !

1. (a)	$\begin{array}{r} 1 \text{ ml} \\ 36 \text{ 200} \\ + 46 \text{ 200} \\ \hline 82 \text{ 400} \end{array}$	(b)	$\begin{array}{r} 1 \text{ ml} \\ 39 \text{ 480} \\ + 56 \text{ 590} \\ \hline 96 \text{ 070} \end{array}$	(c)	$\begin{array}{r} 1 \text{ ml} \\ 62 \text{ 510} \\ + 13 \text{ 450} \\ \hline 75 \text{ 960} \end{array}$	(d)	$\begin{array}{r} 1 \text{ ml} \\ 19 \text{ 300} \\ + 14 \text{ 400} \\ \hline 33 \text{ 700} \end{array}$
(e)	$\begin{array}{r} 1 \text{ ml} \\ 70 \text{ 360} \\ + 12 \text{ 480} \\ \hline 82 \text{ 840} \end{array}$	(f)	$\begin{array}{r} 1 \text{ ml} \\ 54 \text{ 550} \\ + 30 \text{ 480} \\ \hline 85 \text{ 030} \end{array}$	(g)	$\begin{array}{r} 1 \text{ ml} \\ 86 \text{ 14} \\ + 13 \text{ 26} \\ \hline 99 \text{ 40} \end{array}$	(h)	$\begin{array}{r} 1 \text{ ml} \\ 17 \text{ 20} \\ + 48 \text{ 39} \\ \hline 65 \text{ 59} \end{array}$



2. (a)
$$\begin{array}{r} 1 \text{ ml} \\ 5 \text{ 400} \\ - 4 \text{ 250} \\ \hline 1 \text{ 150} \end{array}$$
- (b)
$$\begin{array}{r} 1 \text{ ml} \\ 38 \text{ 900} \\ - 25 \text{ 350} \\ \hline 13 \text{ 550} \end{array}$$
- (c)
$$\begin{array}{r} 1 \text{ ml} \\ 33 \text{ 480} \\ - 19 \text{ 590} \\ \hline 13 \text{ 890} \end{array}$$
- (d)
$$\begin{array}{r} 1 \text{ ml} \\ 28 \text{ 700} \\ - 2 \text{ 200} \\ \hline 26 \text{ 500} \end{array}$$
- (e)
$$\begin{array}{r} 1 \text{ ml} \\ 15 \text{ 950} \\ - 12 \text{ 280} \\ \hline 3 \text{ 670} \end{array}$$
- (f)
$$\begin{array}{r} 1 \text{ ml} \\ 75 \text{ 600} \\ - 24 \text{ 350} \\ \hline 51 \text{ 250} \end{array}$$
- (g)
$$\begin{array}{r} 1 \text{ ml} \\ 61 \text{ 95} \\ - 19 \text{ 84} \\ \hline 42 \text{ 11} \end{array}$$
- (h)
$$\begin{array}{r} 1 \text{ ml} \\ 59 \text{ 17} \\ - 18 \text{ 06} \\ \hline 41 \text{ 11} \end{array}$$
3. (a)
$$\begin{array}{r} 1 \text{ ml} \\ 23 \text{ 450} \\ 42 \text{ 360} \\ + 17 \text{ 500} \\ \hline 83 \text{ 310} \end{array}$$
- (b)
$$\begin{array}{r} 1 \text{ ml} \\ 14 \text{ 380} \\ 2 \text{ 900} \\ + 6 \text{ 380} \\ \hline 23 \text{ 660} \end{array}$$
4. (a)
$$\begin{array}{r} 1 \text{ ml} \\ 38 \text{ 900} \\ - 25 \text{ 300} \\ \hline 13 \text{ 600} \end{array}$$
- (b)
$$\begin{array}{r} 1 \text{ ml} \\ 33 \text{ 650} \\ - 17 \text{ 250} \\ \hline 16 \text{ 400} \end{array}$$

Practice Coach - 10 !

1. A household uses kerosene in a week = 28 l 800 ml
 Kerosene used = 17 l 580 ml
 Kerosene left = 28 l 800 ml - 17 l 580 ml

$$\begin{array}{r} 1 \text{ ml} \\ 28 \text{ 800} \\ - 17 \text{ 580} \\ \hline 11 \text{ 220} \end{array}$$

 = 11 l 220 ml
 Thus, 11 l 220 ml kerosene left.
2. Vicky bought milk on monday = 35 l 48 ml
 He bought milk on tuesday = 73 l 575 ml
 The total quantity of milk bought by him

$$\begin{array}{r} 1 \text{ ml} \\ 35 \text{ 048} \\ + 73 \text{ 575} \\ \hline 108 \text{ 623} \end{array}$$

 = 35 l 48 ml + 73 l 575 ml
 = 108 l 623 ml
3. A swimming pool contained water in the starting of the race

$$\begin{array}{r} 1 \text{ ml} \\ 60 \text{ 600} \\ - 34 \text{ 350} \\ \hline 26 \text{ 250} \end{array}$$

 = 60 l 600 ml
 Till end of day, water drained out = 34 l 350 ml
 The water is left in the pool = 60 l 600 ml - 34 l 350 ml
 = 26 l 250 ml
 Thus, there are 26 l 250 ml water left in the pool.
4. Kiran had pepsi = 53 l 480 ml
 Ashish had fanta = 64 l 590 ml
 The total quantity of cold drink with them

$$\begin{array}{r} 1 \text{ ml} \\ 53 \text{ 480} \\ + 64 \text{ 590} \\ \hline 118 \text{ 070} \end{array}$$

 = 53 l 480 ml + 64 l 590 ml
 = 118 l 070 ml
 Thus, the total quantity of cold drink with them is 118 l 70 ml.
5. A tank can hold of liquid = 78 l 180 ml
 It contains of liquid = 47 l 980 ml
 It can hold more liquid = 78 l 180 ml - 47 l 980 ml

$$\begin{array}{r} 1 \text{ ml} \\ 78 \text{ 180} \\ - 47 \text{ 980} \\ \hline 30 \text{ 200} \end{array}$$

 = 30 l 200 ml
 Thus, 30 l 200 ml more liquid it can hold.



Mental Maths

1. 500 cm 2. 50 m 80 cm 3. 6000 g 4. 9 kg 838 g 5. 14000 ml
6. 7 l 803 ml 7. centimetre, gram, millilitre 8. kilometre, kilogram, litre
9. kilogram and gram 10. kilometre

Multiple Choice Questions (MCQs) :

1. (c) one-hundredth 2. (c) ton 3. (b) 50 4. (a) 2-digits 5. (c) 1000

Chapter

11

Time

Practice Coach - 1 !

1. (1) seconds (2) days (3) seconds (4) hours (5) hours (6) minutes
2. Do yourself 3. (a) p.m. (b) a.m. (c) p.m. (e) a.m. (f) a.m.

Practice Coach - 2 !

1. 10 o'clock or 10 : 00, 3 o'clock or 3 : 00, 5 o'clock or 5 : 00
2. (a) 3 : 15 or quarter past 3 or 15 minute past 3 (b) 4 : 30 or half past 4 or 30 minutes past 4 (c) 5 : 45 or 45 minutes past 5 or quarter to 6 (d) 8 : 15 or quarter past 8 or 15 minutes past 8 (e) 3 : 30 or half past 3 or 30 minutes past 3 (f) 9 : 45 or quarter to 10, 15 minutes to 10 (g) 2 : 30 or half past 2 or 30 minutes past 2 (h) 7 : 15 or quarter past 7 or 15 minutes past 7 (i) 10 : 45 or quarter to 11 or 15 minutes to 11 (j) 5 : 15 or quarter past 5 or 15 minutes past 5 (k) 10 : 45 or quarter to 11 or 15 minutes to 11 (l) 1 : 30 or half past 1 or 30 minutes past 1
3. Do yourself

4.

Time	Hour Hand	Minute Hand
(a) 6 o'clock	6	12
(b) Half past 7	Between 7-8	6
(c) Quarter to 3	Between 2-3	9
(d) Quarter past 8	8	3
(e) 7 o'clock	7	12
(f) Quarter past 5	5	3
(g) Quarter to 4	Between 3-4	9
(h) Half past 2	2	6



Practice Coach - 3 !

1. February 2. Wednesday 3. True 4. 52 Mondays 5. 52 Sundays

Mental Maths

1. seven 2. 24 3. 366 4. 60 5. 2 6. 15 minutes 7. 4 months
8. 8 : 45 9. No 10. 12 months

Multiple Choice Questions (MCQs) :

1. (a) 8 : 45 (a.m. or p.m.) 2. (b) 6 3. (a) 7 4. (b) September 5. (c) 4

Chapter

12

Money

Practice Coach - 1 !

1. (a) Rupees seventeen and thirty-four paise (b) Rupees eighty-nine and seventy-three paise (c) Rupees ten and eighty-nine paise (d) Rupees two hundred five and fifteen paise (e) Rupees fourty-four and thirty-seven paise (f) Rupees one hundred and fifty paise (g) Rupees one hundred fifty-seven and seventy-five paise (h) Rupees eight hundred nine and forty-five
2. (a) ₹ 14.05 (b) ₹ 89.50 (c) ₹ 7.82 (d) ₹ 130.69
3. (a) ₹ 5 (b) ₹ 38
₹ 1 = 100 p ₹ 1 = 100 p
₹ 5 = 5 × 100 p = 500 p ₹ 38 = 38 × 100 p = 3800 p
- (c) ₹ 40.80 (d) ₹ 37.65
₹ 1 = 100 p ₹ 1 = 100 p
₹ 40.80 = 40 × 100 p + 80 p ₹ 37.65 = 37 × 100 p + 65 p
= 4000 p + 80 p = 4080 p = 3700 p + 65 p = 3765 p
- (e) ₹ 12.89 (f) ₹ 14.85
₹ 1 = 100 p ₹ 1 = 100 p
₹ 12.89 = 12 × 100 p + 89 p ₹ 14.85 = 14 × 100 p + 85 p
= 1200 p + 89 p = 1289 p = 1400 p + 85 p = 1485 p
- (g) ₹ 2.25 (h) ₹ 7.35
₹ 1 = 100 p ₹ 1 = 100 p
₹ 2.25 = 2 × 100 p + 25 p ₹ 7.35 = 7 × 100 p + 35 p
= 200 p + 25 p = 225 p = 700 p + 35 p = 735 p
4. (a) 500 p (b) 7200 p
100 p = ₹ 1 100 p = ₹ 1
500 p = 500 ÷ 100 ₹ = ₹ 5 7200 p = 7200 ÷ 100 ₹ = ₹ 72



(c) 900 p
 $100 \text{ p} = ₹ 1$
 $900 \text{ p} = 900 \div 100 ₹ = ₹ 9$

(e) 873 p
 $100 \text{ p} = ₹ 1$
 $873 \text{ p} = 800 \text{ p} + 73 \text{ p}$
 $800 \text{ p} = 800 \div 100 ₹ = ₹ 8$
 $873 \text{ p} = ₹ 8 \text{ and } 73 \text{ p}$

(g) 1083 p
 $100 \text{ p} = ₹ 1$
 $1083 \text{ p} = 1000 \text{ p} + 83 \text{ p}$
 $1000 \text{ p} = 1000 \div 100 ₹ = ₹ 10$
 $1083 \text{ p} = ₹ 10 \text{ and } 83 \text{ p}$

(d) 5278 p
 $100 \text{ p} = ₹ 1$
 $5289 \text{ p} = 5200 \text{ p} + 89 \text{ p}$
 $5200 \text{ p} = 5200 \div 100 ₹ = ₹ 52$
 $5289 \text{ p} = ₹ 52 \text{ and } 89 \text{ p}$

(f) 428 p
 $100 \text{ p} = ₹ 1$
 $428 \text{ p} = 400 \text{ p} + 28 \text{ p}$
 $400 \text{ p} = 400 \div 100 ₹ = ₹ 4$
 $428 \text{ p} = ₹ 4 \text{ and } 28 \text{ p}$

(h) 7050 p
 $100 \text{ p} = ₹ 1$
 $7050 \text{ p} = 7000 \text{ p} + 50 \text{ p}$
 $7000 \text{ p} = 7000 \div 100 ₹ = ₹ 70$
 $7050 \text{ p} = ₹ 70 \text{ and } 50 \text{ p}$

Practice Coach - 2 !

1. (a) $\begin{array}{r} ₹ \quad p \\ 47 \quad 50 \\ + 22 \quad 20 \\ \hline 69 \quad 70 \end{array}$ (b) $\begin{array}{r} ₹ \quad p \\ 58 \quad 60 \\ + 49 \quad 30 \\ \hline 107 \quad 90 \end{array}$ (c) $\begin{array}{r} ₹ \quad p \\ 60 \quad 45 \\ + 80 \quad 89 \\ \hline 141 \quad 34 \end{array}$ (d) $\begin{array}{r} ₹ \quad p \\ 92 \quad 35 \\ + 44 \quad 50 \\ \hline 136 \quad 85 \end{array}$
- (e) $\begin{array}{r} ₹ \quad p \\ 34 \quad 10 \\ + 47 \quad 60 \\ \hline 81 \quad 70 \end{array}$ (f) $\begin{array}{r} ₹ \quad p \\ 99 \quad 60 \\ + 47 \quad 50 \\ \hline 147 \quad 10 \end{array}$ (g) $\begin{array}{r} ₹ \quad p \\ 66 \quad 05 \\ + 14 \quad 18 \\ \hline 80 \quad 23 \end{array}$ (h) $\begin{array}{r} ₹ \quad p \\ 28 \quad 69 \\ + 47 \quad 99 \\ \hline 76 \quad 68 \end{array}$
- (i) $\begin{array}{r} ₹ \quad p \\ 18 \quad 29 \\ + 14 \quad 39 \\ \hline 32 \quad 68 \end{array}$ (j) $\begin{array}{r} ₹ \quad p \\ 83 \quad 56 \\ + 47 \quad 40 \\ \hline 130 \quad 96 \end{array}$ (k) $\begin{array}{r} ₹ \quad p \\ 36 \quad 56 \\ + 15 \quad 18 \\ \hline 51 \quad 74 \end{array}$ (l) $\begin{array}{r} ₹ \quad p \\ 30 \quad 69 \\ + 47 \quad 50 \\ \hline 78 \quad 19 \end{array}$
2. (a) $\begin{array}{r} ₹ \quad p \\ 65 \quad 75 \\ + 48 \quad 35 \\ \hline 114 \quad 10 \end{array}$ (b) $\begin{array}{r} ₹ \quad p \\ 98 \quad 38 \\ + 46 \quad 45 \\ \hline 144 \quad 83 \end{array}$ (c) $\begin{array}{r} ₹ \quad p \\ 57 \quad 38 \\ + 10 \quad 44 \\ \hline 67 \quad 82 \end{array}$ (d) $\begin{array}{r} ₹ \quad p \\ 19 \quad 77 \\ + 16 \quad 89 \\ \hline 36 \quad 66 \end{array}$
3. (a) $\begin{array}{r} ₹ \quad p \\ 99 \quad 00 \\ - 55 \quad 00 \\ \hline 44 \quad 00 \end{array}$ (b) $\begin{array}{r} ₹ \quad p \\ 48 \quad 36 \\ - 32 \quad 96 \\ \hline 15 \quad 40 \end{array}$ (c) $\begin{array}{r} ₹ \quad p \\ 101 \quad 56 \\ - 97 \quad 00 \\ \hline 4 \quad 56 \end{array}$ (d) $\begin{array}{r} ₹ \quad p \\ 64 \quad 65 \\ - 36 \quad 40 \\ \hline 28 \quad 25 \end{array}$
- (e) $\begin{array}{r} ₹ \quad p \\ 87 \quad 10 \\ - 34 \quad 50 \\ \hline 52 \quad 60 \end{array}$ (f) $\begin{array}{r} ₹ \quad p \\ 64 \quad 90 \\ - 35 \quad 60 \\ \hline 29 \quad 30 \end{array}$ (g) $\begin{array}{r} ₹ \quad p \\ 96 \quad 30 \\ - 48 \quad 29 \\ \hline 48 \quad 01 \end{array}$ (h) $\begin{array}{r} ₹ \quad p \\ 53 \quad 55 \\ - 28 \quad 64 \\ \hline 24 \quad 91 \end{array}$



(i) ₹ p 96 34 - 18 26 ┌───┴───┐ 78 08	(j) ₹ p 54 80 - 35 50 ┌───┴───┐ 19 30	(k) ₹ p 86 20 - 48 19 ┌───┴───┐ 38 01	(l) ₹ p 42 05 - 28 34 ┌───┴───┐ 13 71
4. (a) ₹ p 96 42 - 36 50 ┌───┴───┐ 59 92	(b) ₹ p 89 65 - 78 99 ┌───┴───┐ 10 66	(c) ₹ p 150 89 - 122 55 ┌───┴───┐ 28 34	(d) ₹ p 179 84 - 70 89 ┌───┴───┐ 108 95

Practice Coach - 3 !

1. Ram bought apples = ₹ 75
 He gave rupees to shopkeeper = ₹ 100
 He will get back rupees = ₹ 100 - ₹ 75 = ₹ 25
2. Anmol pay rupees as tuition fee = ₹ 952.75
 He pay rupees as bus fee = ₹ 325.50
 He pay rupees as computer fee = ₹ 158
 He spent in all = ₹ 952.75 + ₹ 325.50 + ₹ 158
 = ₹ 1436.25

₹ p
100 00
- 75 00
┌───┴───┐
25 00
₹ p
952 75
325 50
+ 158 00
┌───┴───┐
1436 25

- Thus, Anmol spent in all is ₹ 1436.25.
3. Tanya purchased a doll = ₹ 175
 She purchased a monopoly set = ₹ 194
 Tanya pay for both the items = ₹ 175 + ₹ 194 = ₹ 369
 Thus, Tanya pay for both the items is ₹ 369.
4. Kirti bought a CD = ₹ 129.50
 She gave rupees to the shopkeeper = ₹ 200
 She get back = ₹ 200 - ₹ 129.50 = ₹ 70.50
 Thus, Kirti get ₹ 70.50 back.
5. Ravi wants to buy a notebook = ₹ 66.50
 He wants to buy a pen = ₹ 15.50
 He should pay = ₹ 66.50 + ₹ 15.50
 = ₹ 82

₹ p
175 00
+ 194 00
┌───┴───┐
369 00
₹ p
200 00
- 129 50
┌───┴───┐
70 50
₹ p
66 50
+ 15 50
┌───┴───┐
82 00

Practice Coach - 4 !

1. (1) 225 (2) 144 (3) 252 (4) 48 (5) 288

S.I.	Item	Rate per item	Quantity	Cost
1.	brush	₹ 20.50	2	41
2.	Juice cans	₹ 130.75	10	1307.5
3.	Bread	₹ 15.00	5	75
4.	Chocolates	₹ 25.75	5	128.75
5.	Jam bottles	₹ 98.50	3	295.50



Mental Maths

1. 215 2. 100 3. ₹ 0.50 4. Rupees eight and forty paise 5. ₹ 25, 05 p
 6. ₹ 29, 28 p 7. 1110 p 8. ₹ 50 9. 4830 p 10. ₹ 50.50

Multiple Choice Questions (MCQs) :

1. (b) 40 2. (b) 53.35 3. (a) ₹ 43.75 4. (b) ₹ 35.30 5. (c) all the above





Chapter









13

Data Handling

Practice Coach - 1 !

1.	Colour	Number of Buttons
	Rad	○ ○ ○ ○ ○
	Yellow	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
	Pink	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
	Orange	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

2.	Types of Chocolates	Number of Chocolates
	Dairy Milk	
	Temptations	
	Fruits and Nuts	
	7 Star	

3.	Dolls	Number	Tally Marks
1.		10	
2.		8	
3.		7	
4.		13	
		38	Total = 38 dolls

