



Mathematics

Teacher's Manual

Class II

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Chapter 1 : Revision

Page 5: Numerals and Number Names :

1. Fill in the missing numerals :

- (a) 22 23 24 25 26 27 28 29 30 31
- (b) 44 45 46 47 48 49 50 51 52 53
- (c) 36 37 38 39 40 41 42 43 44 45
- (d) 72 71 70 69 68 67 66 65 64 63
- (e) 63 64 65 66 67 68 69 70 71 72
- (f) 61 60 59 58 57 56 55 54 53 52

2. Draw strings from the kites to the right tags :

- (a) 74 (b) 36 (c) 99
- (d) 12 (e) 55 (f) 64

3. Write the numerals for the given number names :

- (a) 75 (h) 84
- (b) 32 (i) 49
- (c) 55 (j) 77
- (d) 12 (k) 9
- (e) 94 (l) 30
- (f) 17 (m) 69
- (g) 44 (n) 53

4. Write the number names for the given numerals :

- (a) Seventy One (h) Thirteen
- (b) Fifty Eight (i) Eighty Three
- (c) Sixty Eight (j) Forty Six
- (d) Ninety Seven (k) Eighty Nine
- (e) Thirty Four (l) Ninety Nine
- (f) Seventy Eight (m) One Hundred
- (g) Ninety Four (n) Twenty Four

5. Fill in the circle

- (a) 22 (b) 46
- (c) 33 (d) 57

- (e) 46 (f) 66
(g) 10 (h) 77
(i) 29 (j) 87
(k) 69 (l) 26
(m) 87 (n) 63
(o) 42 (p) 82
(q) 35 (r) 100
(s) 64 (t) 80
(u) 44
(v) 90 and 92
(w) 24

6. Arrange the numbers in ascending order :

- (a) 26 35 44 51 92
(b) 11 23 39 49 85
(c) 9 17 50 78 99
(d) 11 39 57 61 65

7. Arrange the numbers in descending order :

- (a) 93 78 69 39 13
(b) 90 81 31 24 13
(c) 83 75 72 60 40
(d) 88 74 47 29 18

8. Fill in the boxes with $>$, $<$ or $=$ sign

- (a) $55 > 36$ (b) $70 < 80$
(c) $21 > 12$ (d) $77 = 77$
(e) $27 < 37$ (f) $45 > 22$
(g) $90 > 10$ (h) $13 = 13$

9. Write the numbers in the expanded form :

- (a) $76 = 7 \text{ tens and } 6 \text{ ones} = 70 + 6$
(b) $48 = 4 \text{ tens and } 8 \text{ ones} = 40 + 8$
(c) $29 = 2 \text{ tens and } 9 \text{ ones} = 20 + 9$
(d) $89 = 8 \text{ tens and } 9 \text{ ones} = 80 + 9$

(e) $90 = 9 \text{ tens and } 0 \text{ ones} = 90 + 0$

(f) $66 = 6 \text{ tens and } 6 \text{ ones} = 60 + 6$

(g) $59 = 5 \text{ tens and } 9 \text{ ones} = 50 + 9$

10. Write in short form :

(a) $30 + 6 = 36$ (b) $90 + 2 = 92$

(c) $40 + 0 = 40$ (d) $0 + 3 = 03$

(e) $10 + 9 = 19$ (f) $70 + 1 = 71$

(g) $80 + 8 = 88$

11. Add

(a) $8 + 2 = 10$ (b) $5 + 4 = 9$

(c) $3 + 4 = 7$ (d) $46 + 23 = 69$

(e) $44 + 43 = 87$ (f) $60 + 36 = 96$

(g) $32 + 24 + 23 = 79$ (h) $14 + 50 + 13 = 77$

(i) $26 + 61 + 11 = 98$

12. $15 + 22 = 37$

13. $14 + 52 = 66$

14. $10 + 45 = 55$

15. Subtraction

(a) $9 - 5 = 4$ (b) $8 - 2 = 6$

(c) $7 - 3 = 4$ (d) $67 - 34 = 33$

(e) $89 - 44 = 45$ (f) $97 - 36 = 61$

(g) $75 - 23 = 52$ (h) $99 - 38 = 61$

(i) $83 - 52 = 31$

16. $55 - 3 = 52$

17. $75 - 34 = 41$

18. $94 - 42 = 52$

Chapter 2 : Ordinal Numbers

Page 14 : Exercise 2.1

1. Fill in the place holders with correct ordinal numbers :

- | | |
|-----------------------|---------|
| (a) 4th | (b) 3rd |
| (c) 1st | (d) 2nd |
| (e) 11th | (f) 5th |
| (g) 2nd , 5th and 7th | |

2. *There are twelve month in a year. Write the position of :*

- | | |
|------------|-------------|
| (a) Fifth | (b) Ninth |
| (c) Eighth | (d) Twelfth |

3. *Observe the following pattern :*

- | | |
|--------------|--------------|
| (a) Triangle | (b) Triangle |
|--------------|--------------|

Multiple Choice Questions

- (c)
- (a)
- (b)

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- V
- | | |
|------------|-----------|
| (a) Fifth | (b) Sixth |
| (c) Second | (d) First |
- | | |
|------------|-------------|
| (a) Second | (b) Twelfth |
| (c) Fourth | (d) Eighth |

Chapter 3 : Ordinal Numbers

Page 17 : Exercise 3.1

1. Write the numeral : :

- | | |
|---------|---------|
| (a) 153 | (b) 234 |
| (c) 467 | (d) 672 |
| (e) 553 | (f) 385 |

(g) 446 (h) 777

(i) 953

2. Fill in the blanks :

(b) 2 hundreds + 3 tens + 5 ones

(c) 3 hundreds + 4 tens + 4 ones

(d) 5 hundreds + 6 tens + 7 ones

(e) 7 hundreds + 8 tens + 4 ones

(f) 8 hundreds + 2 tens + 5 ones

(g) 9 hundreds + 5 tens + 5 ones

(h) 6 hundreds + 8 tens + 7 ones

(i) 4 hundreds + 9 tens + 8 ones

3. Complete the table with numbers from 101 to 200 .

101 102 103 104 105 106 107 108 109 110

111 112 113 114 115 116 117 118 119 120

121 122 123 124 125 126 127 128 129 130

131 132 133 134 135 136 137 138 139 140

141 142 143 144 145 146 147 148 149 150

151 152 153 154 155 156 157 158 159 160

161 162 163 164 165 166 167 168 169 170

171 172 173 174 175 176 177 178 179 180

181 182 183 184 185 186 187 188 189 190

191 192 193 194 195 196 197 198 199 200

4. Fill in the missing numerals from 500 to 600 :

501 502 503 504 505 506 507 508 509 510

511 512 513 514 515 516 517 518 519 520

521 522 523 524 525 526 527 528 529 530

531 532 533 534 535 536 537 538 539 540

541 542 543 544 545 546 547 548 549 550

551 552 553 554 555 556 557 558 559 560

561 562 563 564 565 567 568 568 569 570

571 572 573 574 575 576 577 578 579 580

581 582 583 584 585 586 587 588 589 590
591 592 593 594 595 596 597 598 599 600

5. Write counting backwards (400 to 301) :

400 399 398 397 396 395 394 393 392 391
390 389 388 387 386 385 384 383 382 381
380 379 378 377 376 375 374 373 372 371
370 369 368 367 366 365 364 363 362 361
360 359 358 357 356 355 354 353 352 351
350 349 348 347 346 345 344 343 342 341
340 339 338 337 336 335 334 333 332 331
330 329 328 327 326 325 324 323 322 321
320 319 318 317 316 315 314 313 312 311
310 309 308 307 306 305 304 303 302 301

6. Write counting backwards (800 to 701) :

800 799 798 797 796 795 794 793 792 791
790 789 788 787 786 785 784 783 782 781
780 779 778 777 776 775 774 773 772 771
770 769 768 767 766 765 764 763 762 761
760 759 758 757 756 755 754 753 752 751
750 749 748 747 746 745 744 743 742 741
740 739 738 737 736 735 734 733 732 731
730 729 728 727 726 725 724 723 722 721
720 719 718 717 716 715 714 713 712 711
710 709 708 707 706 705 704 703 702 701

7. Observe the pattern and fill in the blanks :

- a. 123 127 131 135 139 143 147 151 155 159
- b. 156 159 162 165 168 171 174 177 180 183
- c. 204 209 214 219 224 229 234 239 244 249
- d. 310 320 330 340 350 360 370 380 390 400
- e. 147 177 207 237 267 297 327 357 387 417
- f. 156 206 256 306 356 406 456 506 556 606

- g. 265 255 245 235 225 215 205 195 185 175
h. 477 472 467 462 457 452 447 442 437 432
i. 110 210 310 410 510 610 710 810 910 1010

8. Write the numerals for each of the following :

- (a) 492 (b) 312 (c) 999
(d) 475 (e) 678 (f) 418
(g) 920 (h) 703 (i) 545

9. Write the number name for each of the following :

- (a) Six hundred seventy nine
(b) Four hundred sixty seven
(c) Three hundred four
(d) Seven hundred fifty eight
(e) Five hundred twenty five
(f) Nine hundred forty nine
(g) Two hundred ninety six
(h) Six hundred seventy three
(i) Three hundred fifty seven

10. Fill in the missing numerals and complete each pattern :

- a. 99 100 101 102 103 104 105 106 107 108
b. 411 412 413 414 415 416 417 418 419 420
c. 525 526 527 528 529 530 531 532 533 534
d. 777 778 779 780 781 782 783 784 785 786
e. 810 811 812 813 814 815 816 817 818 819
f. 949 950 951 952 953 954 955 956 957 958
g. 844 845 846 847 848 849 850 851 852 853
h. 597 598 599 600 601 602 603 604 605 606
i. 610 611 612 613 614 615 616 617 618 619

11. Write the number which comes just before :

- a. 135 b. 148 c. 171
d. 184 e. 236 f. 400

- g. 299 h. 528 i. 476
j. 888 k. 593 l. 663

12. Write the number which comes just after :

- a. 437 b. 786 c. 400
d. 406 e. 710 f. 802
g. 999 h. 102 i. 345
j. 591 k. 703 l. 806

13. Write the number which comes between :

- a. 405 b. 791 c. 900
d. 502 e. 550 f. 667
g. 326 h. 595 i. 706
j. 841 k. 906 l. 990

Multiple Choice Questions :

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

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1. (a) Seven hundred fifty four
(b) Two hundred eighty six
2. (a) 411 412 413 414 415 416 417 418
(b) 851 852 853 854 855 856 857 858

Chapter 4 : Comparison of Numbers

Page 24 : Exercise 4.1

1. Compare the numbers and put the sign $>$, $=$ or $<$ in the circle

- a. $350 < 386$ b. $480 > 423$
c. $393 > 339$ d. $506 < 509$
e. $482 = 482$ f. $577 < 755$
g. $909 < 990$ h. $235 < 352$
i. $725 > 572$ j. $989 < 998$

2. Circle the smallest numbers :

- | | |
|--------|--------|
| a. 525 | b. 236 |
| c. 435 | d. 375 |
| e. 525 | f. 225 |
| g. 267 | h. 469 |
| i. 457 | j. 607 |
| k. 167 | l. 110 |
| m. 114 | n. 731 |
| o. 129 | p. 639 |
| q. 404 | r. 719 |

3. Circle the greatest number :

- | | |
|--------|--------|
| a. 760 | b. 440 |
| c. 999 | d. 505 |
| e. 990 | f. 844 |
| g. 793 | h. 531 |
| i. 403 | j. 930 |
| k. 666 | l. 664 |
| m. 752 | n. 980 |
| o. 772 | p. 532 |
| q. 421 | r. 865 |

Page 26 : Exercise 4.2

1. Write the successor and predecessor of the following numbers :

Numbers	Successor	Predecessor
a. 435	436	434
b. 386	387	385
c. 525	526	524
d. 648	649	647
e. 749	750	748
f. 425	426	424

Chapter 5 : Addition

Page 28 : Exercise 5.1

1. *Count on your fingers and add :*

a. $3 + 7 = 10$

b. $5 + 4 = 9$

c. $8 + 6 = 14$

d. $6 + 6 = 12$

2. *Add by drawing lines :*

a. $7 + 4 = 11$

b. $6 + 8 = 14$

c. $9 + 8 = 17$

Page 29 : Exercise 5.2

Add

a.
$$\begin{array}{r} 37 \\ + 51 \\ \hline 88 \end{array}$$

b.
$$\begin{array}{r} 24 \\ + 42 \\ \hline 66 \end{array}$$

c.
$$\begin{array}{r} 62 \\ + 17 \\ \hline 79 \end{array}$$

d.
$$\begin{array}{r} 15 \\ + 23 \\ \hline 38 \end{array}$$

e.
$$\begin{array}{r} 65 \\ + 14 \\ \hline 79 \end{array}$$

f.
$$\begin{array}{r} 17 \\ + 81 \\ \hline 98 \end{array}$$

g.
$$\begin{array}{r} 72 \\ + 23 \\ \hline 95 \end{array}$$

h.
$$\begin{array}{r} 38 \\ + 31 \\ \hline 69 \end{array}$$

i.
$$\begin{array}{r} 24 \\ + 12 \\ \hline 36 \end{array}$$

j.
$$\begin{array}{r} 43 \\ + 22 \\ \hline 65 \end{array}$$

k.
$$\begin{array}{r} 45 \\ + 31 \\ \hline 76 \end{array}$$

l.
$$\begin{array}{r} 12 \\ + 33 \\ \hline 45 \end{array}$$

m.
$$\begin{array}{r} 18 \\ 41 \\ + 30 \\ \hline 89 \end{array}$$

n.
$$\begin{array}{r} 34 \\ 12 \\ + 43 \\ \hline 89 \end{array}$$

o.
$$\begin{array}{r} 13 \\ 41 \\ + 10 \\ \hline 64 \end{array}$$

p.
$$\begin{array}{r} 22 \\ 33 \\ + 11 \\ \hline 66 \end{array}$$

Page 30 : Exercise 5.3

Find the sum :

a. $15 + 10 = 25$

b. $29 + 20 = 49$

$$c. 30 + 40 = 70$$

$$e. 238 + 200 = 438$$

$$g. 754 + 10 = 764$$

$$i. 376 + 100 = 476$$

$$k. 340 + 30 = 370$$

$$m. 38 + 70 = 108$$

$$d. 170 + 100 = 270$$

$$f. 236 + 20 = 256$$

$$h. 725 + 20 = 745$$

$$j. 425 + 10 = 435$$

$$l. 570 + 50 = 620$$

$$n. 400 + 300 = 700$$

Page 30 : Exercise 5.4

Add the following :

$$\begin{array}{r} a. \text{ T O} \\ 24 \\ + 35 \\ \hline 59 \end{array}$$

$$\begin{array}{r} b. \text{ T O} \\ 67 \\ + 21 \\ \hline 88 \end{array}$$

$$\begin{array}{r} c. \text{ T O} \\ 73 \\ + 12 \\ \hline 85 \end{array}$$

$$\begin{array}{r} d. \text{ T O} \\ 76 \\ + 13 \\ \hline 89 \end{array}$$

$$\begin{array}{r} e. \text{ T O} \\ 33 \\ + 55 \\ \hline 88 \end{array}$$

$$\begin{array}{r} f. \text{ T O} \\ 38 \\ + 40 \\ \hline 78 \end{array}$$

$$\begin{array}{r} g. \text{ T O} \\ 59 \\ + 20 \\ \hline 79 \end{array}$$

$$\begin{array}{r} h. \text{ T O} \\ 81 \\ + 13 \\ \hline 94 \end{array}$$

$$\begin{array}{r} i. \text{ T O} \\ 51 \\ + 32 \\ \hline 83 \end{array}$$

$$\begin{array}{r} j. \text{ T O} \\ 15 \\ + 61 \\ \hline 76 \end{array}$$

$$\begin{array}{r} k. \text{ T O} \\ 73 \\ + 22 \\ \hline 95 \end{array}$$

$$\begin{array}{r} l. \text{ T O} \\ 30 \\ + 60 \\ \hline 90 \end{array}$$

Page 33 : Exercise 5.4

Add the following horizontally :

$$a. 40 + 37 = 77$$

$$b. 70 + 13 = 83$$

$$c. 43 + 24 = 67$$

$$d. 26 + 41 = 67$$

$$e. 49 + 21 = 70$$

$$f. 20 + 62 = 82$$

$$g. 73 + 12 = 85$$

$$h. 19 + 21 = 40$$

$$i. 62 + 36 = 98$$

$$j. 37 + 41 = 78$$

k. $12 + 34 = 46$

l. $35 + 12 = 47$

m. $38 + 51 = 89$

n. $40 + 50 = 90$

o. $37 + 40 = 77$

p. $22 + 44 = 66$

Page 34 : Exercise 5.6*Find the sum by shortcut method :*

$$\begin{array}{r} \text{a. H T O} \\ 3 \ 5 \ 7 \\ + 5 \ 4 \ 1 \\ \hline 8 \ 9 \ 8 \end{array}$$

$$\begin{array}{r} \text{b. H T O} \\ 1 \ 5 \ 2 \\ + 3 \ 3 \ 5 \\ \hline 4 \ 8 \ 7 \end{array}$$

$$\begin{array}{r} \text{c. H T O} \\ 8 \ 0 \ 7 \\ + 1 \ 9 \ 2 \\ \hline 9 \ 9 \ 9 \end{array}$$

$$\begin{array}{r} \text{d. H T O} \\ 1 \ 5 \ 1 \\ + 8 \ 2 \ 7 \\ \hline 9 \ 7 \ 8 \end{array}$$

$$\begin{array}{r} \text{e. H T O} \\ 4 \ 3 \ 3 \\ + 5 \ 4 \ 4 \\ \hline 9 \ 7 \ 7 \end{array}$$

$$\begin{array}{r} \text{f. H T O} \\ 4 \ 0 \ 5 \\ + 3 \ 1 \ 2 \\ \hline 7 \ 1 \ 7 \end{array}$$

$$\begin{array}{r} \text{g. H T O} \\ 4 \ 0 \ 9 \\ + 2 \ 1 \ 0 \\ \hline 6 \ 1 \ 9 \end{array}$$

$$\begin{array}{r} \text{h. H T O} \\ 3 \ 0 \ 0 \\ + 6 \ 4 \ 0 \\ \hline 9 \ 4 \ 0 \end{array}$$

$$\begin{array}{r} \text{i. H T O} \\ 4 \ 1 \ 4 \\ + 1 \ 2 \ 3 \\ \hline 5 \ 3 \ 7 \end{array}$$

$$\begin{array}{r} \text{j. H T O} \\ 6 \ 2 \ 8 \\ + 1 \ 5 \ 1 \\ \hline 7 \ 7 \ 9 \end{array}$$

$$\begin{array}{r} \text{k. H T O} \\ 5 \ 7 \ 6 \\ + 1 \ 2 \ 3 \\ \hline 6 \ 9 \ 9 \end{array}$$

$$\begin{array}{r} \text{l. H T O} \\ 2 \ 2 \ 5 \\ + 7 \ 1 \ 0 \\ \hline 9 \ 3 \ 5 \end{array}$$

$$\begin{array}{r} \text{m. H T O} \\ 1 \ 3 \ 2 \\ 3 \ 4 \ 3 \\ + 5 \ 1 \ 4 \\ \hline 9 \ 8 \ 9 \end{array}$$

$$\begin{array}{r} \text{n. H T O} \\ 3 \ 1 \ 6 \\ 4 \ 0 \ 2 \\ + 1 \ 8 \ 1 \\ \hline 8 \ 9 \ 9 \end{array}$$

$$\begin{array}{r} \text{o. H T O} \\ 1 \ 1 \ 2 \\ 2 \ 0 \ 3 \\ + 3 \ 4 \ 4 \\ \hline 6 \ 5 \ 9 \end{array}$$

$$\begin{array}{r} \text{p. H T O} \\ 1 \ 4 \ 2 \\ 3 \ 0 \ 3 \\ + 5 \ 3 \ 2 \\ \hline 9 \ 7 \ 7 \end{array}$$

$$\begin{array}{r} \text{q. H T O} \\ 4 \ 6 \ 6 \\ 2 \ 2 \ 2 \\ + 1 \ 1 \ 1 \\ \hline 7 \ 9 \ 9 \end{array}$$

$$\begin{array}{r} \text{r. H T O} \\ 4 \ 5 \ 3 \\ 2 \ 1 \ 2 \\ + 3 \ 2 \ 1 \\ \hline 9 \ 8 \ 6 \end{array}$$

Page 37 : Exercise 5.7

1. Add the following :

a. T O ① 4 7 + 3 6 <hr style="width: 100%;"/> 8 3	b. T O ① 4 9 + 4 8 <hr style="width: 100%;"/> 9 7	c. T O ① 2 7 + 6 5 <hr style="width: 100%;"/> 9 2	d. T O ① 3 7 + 4 8 <hr style="width: 100%;"/> 8 5
---------------------------------------------------------------	---------------------------------------------------------------	---------------------------------------------------------------	---------------------------------------------------------------

e. T O ① 6 9 + 1 8 <hr style="width: 100%;"/> 8 7	f. T O ① 5 5 + 3 7 <hr style="width: 100%;"/> 9 2	g. T O ① 7 6 + 1 9 <hr style="width: 100%;"/> 9 5	h. T O ① 6 2 + 2 8 <hr style="width: 100%;"/> 9 0
---------------------------------------------------------------	---------------------------------------------------------------	---------------------------------------------------------------	---------------------------------------------------------------

i. T O ① 4 5 2 8 + 2 4 <hr style="width: 100%;"/> 9 7	j. T O ① 3 8 2 9 + 2 5 <hr style="width: 100%;"/> 9 2	k. T O ① 1 9 1 3 + 6 6 <hr style="width: 100%;"/> 9 8	l. T O ② 4 3 2 8 + 1 9 <hr style="width: 100%;"/> 9 0
----------------------------------------------------------------------	----------------------------------------------------------------------	----------------------------------------------------------------------	----------------------------------------------------------------------

m. T O ① 2 6 2 7 + 2 8 <hr style="width: 100%;"/> 8 1	n. T O ① 4 5 3 6 + 1 8 <hr style="width: 100%;"/> 9 9	o. T O ① 3 7 3 6 + 1 6 <hr style="width: 100%;"/> 8 9	p. T O ① 3 2 2 4 + 2 8 <hr style="width: 100%;"/> 8 4
----------------------------------------------------------------------	----------------------------------------------------------------------	----------------------------------------------------------------------	----------------------------------------------------------------------

2. Find the sum :

a. H T O ① ① 1 4 9 + 5 8 7 <hr style="width: 100%;"/> 7 3 6	b. H T O ① ① 4 3 5 + 2 7 8 <hr style="width: 100%;"/> 7 1 3	c. H T O ① ① 2 5 6 + 6 4 7 <hr style="width: 100%;"/> 9 0 3	d. H T O ① ① 3 2 9 + 4 8 5 <hr style="width: 100%;"/> 8 1 4
-------------------------------------------------------------------------	-------------------------------------------------------------------------	-------------------------------------------------------------------------	-------------------------------------------------------------------------

e. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 1 \ 9 \ 4 \\ + 2 \ 5 \ 8 \\ \hline 4 \ 5 \ 2 \end{array}$	f. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 4 \ 7 \ 9 \\ + 3 \ 5 \ 6 \\ \hline 8 \ 3 \ 5 \end{array}$	g. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 3 \ 9 \ 9 \\ + 3 \ 4 \ 5 \\ \hline 7 \ 4 \ 4 \end{array}$	h. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 5 \ 7 \ 9 \\ + 3 \ 4 \ 3 \\ \hline 9 \ 2 \ 2 \end{array}$
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i. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 1 \ 5 \ 6 \\ 3 \ 5 \ 7 \\ + 1 \ 4 \ 8 \\ \hline 6 \ 6 \ 1 \end{array}$	j. $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{1} \\ 1 \ 2 \ 9 \\ 2 \ 8 \ 7 \\ + 1 \ 9 \ 2 \\ \hline 6 \ 0 \ 8 \end{array}$	k. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 2 \ 4 \ 5 \\ 2 \ 2 \ 5 \\ + 1 \ 7 \ 8 \\ \hline 6 \ 4 \ 8 \end{array}$	l. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 3 \ 4 \ 5 \\ \quad 9 \ 7 \\ + \quad \quad 8 \\ \hline 4 \ 5 \ 0 \end{array}$
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m. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 2 \ 8 \ 9 \\ 4 \ 2 \ 5 \\ + 2 \ 3 \ 6 \\ \hline 9 \ 5 \ 0 \end{array}$	n. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{2} \\ 7 \ 2 \ 9 \\ \quad 8 \ 9 \\ + 1 \ 2 \ 5 \\ \hline 9 \ 4 \ 3 \end{array}$	o. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ \quad \quad 5 \\ \quad 4 \ 5 \\ + 3 \ 8 \ 1 \\ \hline 4 \ 3 \ 1 \end{array}$	p. $\begin{array}{r} \text{H T O} \\ \textcircled{1} \textcircled{1} \\ 1 \ 9 \ 0 \\ \quad 1 \ 8 \\ + 3 \ 2 \ 3 \\ \hline 5 \ 3 \ 1 \end{array}$
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Page 39 : Exercise 5.8

1. Find the sum of the following :

- | | |
|----------------------|----------------------|
| a. $76 + 0 = 76$ | b. $0 + 135 = 135$ |
| c. $25 + 1 = 26$ | d. $72 + 1 = 73$ |
| e. $375 + 10 = 385$ | f. $438 + 1 = 439$ |
| g. $4 + 6 + 9 = 19$ | h. $0 + 201 = 201$ |
| i. $520 + 100 = 620$ | j. $5 + 7 + 8 = 20$ |
| k. $8 + 4 + 3 = 15$ | l. $1 + 228 = 229$ |
| m. $739 + 1 = 740$ | n. $430 + 100 = 530$ |

Page 40 : Exercise 5.9

$$\begin{array}{r}
 \text{T O} \\
 \textcircled{1} \\
 2 \quad 5 \\
 + 3 \quad 6 \\
 \hline
 6 \quad 1
 \end{array}$$

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

$$\begin{array}{r}
 \text{H T O} \\
 \textcircled{1} \textcircled{1} \\
 6 \quad 8 \quad 5 \\
 + 1 \quad 7 \quad 9 \\
 \hline
 8 \quad 6 \quad 4
 \end{array}$$

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

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

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

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

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

$$\begin{array}{r}
 \text{H T O} \\
 \textcircled{\quad} \textcircled{1} \\
 7 \quad 5 \quad 6 \\
 + 1 \quad 2 \quad 5 \\
 \hline
 8 \quad 8 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 \textcircled{1} \textcircled{1} \\
 2 \quad 2 \quad 5 \\
 + 3 \quad 7 \quad 5 \\
 \hline
 6 \quad 0 \quad 0
 \end{array}$$

Chapter 6 : Subtraction

Page 43 : Exercise 6.1

Subtract

$$\begin{array}{r} \text{a. } 9 \\ - 6 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \text{b. } 7 \\ - 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \text{c. } 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \text{d. } 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} \text{e. } 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \text{f. } 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \text{g. } 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \text{h. } 7 \\ - 5 \\ \hline 2 \end{array}$$

Page 44 : Exercise 6.2

Subtract

$$\begin{array}{r} \text{a. } 96 \\ - 11 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{b. } 75 \\ - 35 \\ \hline 40 \end{array}$$

$$\begin{array}{r} \text{c. } 84 \\ - 32 \\ \hline 52 \end{array}$$

$$\begin{array}{r} \text{d. } 55 \\ - 12 \\ \hline 43 \end{array}$$

$$\begin{array}{r} \text{e. } 78 \\ - 25 \\ \hline 53 \end{array}$$

$$\begin{array}{r} \text{f. } 67 \\ - 15 \\ \hline 52 \end{array}$$

$$\begin{array}{r} \text{g. } 93 \\ - 32 \\ \hline 61 \end{array}$$

$$\begin{array}{r} \text{h. } 39 \\ - 27 \\ \hline 12 \end{array}$$

$$\begin{array}{r} \text{i. } 45 \\ - 32 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{j. } 87 \\ - 34 \\ \hline 53 \end{array}$$

$$\begin{array}{r} \text{k. } 78 \\ - 54 \\ \hline 24 \end{array}$$

$$\begin{array}{r} \text{l. } 95 \\ - 81 \\ \hline 14 \end{array}$$

Page 45 : Exercise 6.3

Fill in the blanks :

a. $45 - 10 = 35$

b. $279 - 10 = 269$

c. $425 - 20 = 405$

d. $37 - 20 = 17$

e. $272 - 30 = 242$

f. $679 - 100 = 579$

g. $848 - 200 = 648$

h. $743 - 10 = 733$

i. $989 - 30 = 959$

j. $237 - 200 = 37$

Page 45 : Exercise 6.4*Subtract :*

a. $\begin{array}{r} \text{T O} \\ 78 \\ - 35 \\ \hline 43 \end{array}$	b. $\begin{array}{r} \text{T O} \\ 99 \\ - 67 \\ \hline 32 \end{array}$	c. $\begin{array}{r} \text{T O} \\ 64 \\ - 32 \\ \hline 32 \end{array}$	d. $\begin{array}{r} \text{T O} \\ 94 \\ - 82 \\ \hline 12 \end{array}$
-------------------------------------------------------------------------	-------------------------------------------------------------------------	-------------------------------------------------------------------------	-------------------------------------------------------------------------

e. $\begin{array}{r} \text{T O} \\ 88 \\ - 34 \\ \hline 54 \end{array}$	f. $\begin{array}{r} \text{T O} \\ 68 \\ - 52 \\ \hline 16 \end{array}$	g. $\begin{array}{r} \text{T O} \\ 43 \\ - 31 \\ \hline 12 \end{array}$	h. $\begin{array}{r} \text{T O} \\ 53 \\ - 41 \\ \hline 12 \end{array}$
-------------------------------------------------------------------------	-------------------------------------------------------------------------	-------------------------------------------------------------------------	-------------------------------------------------------------------------

Page 46 : Exercise 6.5*Subtract :*

a. $\begin{array}{r} \text{H T O} \\ 358 \\ - 227 \\ \hline 131 \end{array}$	b. $\begin{array}{r} \text{H T O} \\ 456 \\ - 321 \\ \hline 135 \end{array}$	c. $\begin{array}{r} \text{H T O} \\ 785 \\ - 472 \\ \hline 313 \end{array}$	d. $\begin{array}{r} \text{H T O} \\ 679 \\ - 235 \\ \hline 444 \end{array}$
------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------

e. $\begin{array}{r} \text{H T O} \\ 482 \\ - 321 \\ \hline 161 \end{array}$	f. $\begin{array}{r} \text{H T O} \\ 621 \\ - 210 \\ \hline 411 \end{array}$	g. $\begin{array}{r} \text{H T O} \\ 836 \\ - 214 \\ \hline 622 \end{array}$	h. $\begin{array}{r} \text{H T O} \\ 866 \\ - 733 \\ \hline 133 \end{array}$
------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------

i. $\begin{array}{r} \text{H T O} \\ 836 \\ - 124 \\ \hline 712 \end{array}$	j. $\begin{array}{r} \text{H T O} \\ 794 \\ - 351 \\ \hline 443 \end{array}$	k. $\begin{array}{r} \text{H T O} \\ 588 \\ - 345 \\ \hline 243 \end{array}$	l. $\begin{array}{r} \text{H T O} \\ 784 \\ - 322 \\ \hline 462 \end{array}$
------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------

Page 48 : Exercise 6.6

Subtract :

a. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{5} \quad \textcircled{12} \\ \cancel{8} \quad 2 \\ - 3 \quad 4 \\ \hline 2 \quad 8 \end{array}$	b. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{3} \quad \textcircled{16} \\ \cancel{4} \quad 6 \\ - 1 \quad 9 \\ \hline 2 \quad 7 \end{array}$	c. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{4} \quad \textcircled{14} \\ \cancel{5} \quad 4 \\ - 2 \quad 7 \\ \hline 2 \quad 7 \end{array}$	d. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{10} \\ \cancel{8} \quad 0 \\ - 2 \quad 8 \\ \hline 5 \quad 2 \end{array}$
--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

e. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{11} \\ \cancel{8} \quad 1 \\ - 6 \quad 5 \\ \hline 1 \quad 6 \end{array}$	f. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{4} \quad \textcircled{12} \\ \cancel{5} \quad 2 \\ - 2 \quad 9 \\ \hline 2 \quad 3 \end{array}$	g. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{8} \quad \textcircled{10} \\ \cancel{9} \quad 0 \\ - 5 \quad 8 \\ \hline 3 \quad 2 \end{array}$	h. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{14} \\ \cancel{8} \quad 4 \\ - 4 \quad 6 \\ \hline 3 \quad 8 \end{array}$
--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

i. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{17} \\ \cancel{8} \quad 7 \\ - 7 \quad 8 \\ \hline 0 \quad 9 \end{array}$	j. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{5} \quad \textcircled{15} \\ \cancel{6} \quad 5 \\ - 2 \quad 9 \\ \hline 3 \quad 6 \end{array}$	k. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{8} \quad \textcircled{13} \\ \cancel{9} \quad 3 \\ - 7 \quad 8 \\ \hline 1 \quad 5 \end{array}$	l. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{11} \\ \cancel{8} \quad 1 \\ - 1 \quad 8 \\ \hline 6 \quad 3 \end{array}$
--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

m. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{4} \quad \textcircled{10} \\ \cancel{5} \quad 0 \\ - 3 \quad 7 \\ \hline 1 \quad 3 \end{array}$	n. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{5} \quad \textcircled{15} \\ \cancel{6} \quad 5 \\ - 4 \quad 7 \\ \hline 1 \quad 8 \end{array}$	o. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{13} \\ \cancel{8} \quad 3 \\ - 3 \quad 8 \\ \hline 4 \quad 5 \end{array}$	p. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{6} \quad \textcircled{18} \\ \cancel{7} \quad 8 \\ - 4 \quad 9 \\ \hline 2 \quad 9 \end{array}$
--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

q. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{8} \quad \textcircled{16} \\ \cancel{9} \quad 6 \\ - 7 \quad 8 \\ \hline 1 \quad 8 \end{array}$	r. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{5} \quad \textcircled{14} \\ \cancel{6} \quad 4 \\ - 4 \quad 8 \\ \hline 1 \quad 6 \end{array}$	s. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{8} \quad \textcircled{15} \\ \cancel{9} \quad 5 \\ - 5 \quad 8 \\ \hline 3 \quad 7 \end{array}$	t. $\begin{array}{r} \text{T} \quad \text{O} \\ \textcircled{7} \quad \textcircled{14} \\ \cancel{8} \quad 4 \\ - 6 \quad 9 \\ \hline 1 \quad 5 \end{array}$
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Page 50 : Exercise 6.7

Subtract :

a. $\begin{array}{r} \text{H T O} \\ \textcircled{8} \textcircled{12} \textcircled{11} \\ \cancel{9} \cancel{3} \cancel{1} \\ - 7 \ 6 \ 5 \\ \hline 1 \ 6 \ 6 \end{array}$	b. $\begin{array}{r} \text{H T O} \\ \textcircled{7} \textcircled{10} \textcircled{12} \\ \cancel{8} \cancel{1} \cancel{2} \\ - 2 \ 3 \ 8 \\ \hline 5 \ 7 \ 4 \end{array}$	c. $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{13} \textcircled{15} \\ \cancel{3} \cancel{4} \cancel{5} \\ - 1 \ 5 \ 6 \\ \hline 1 \ 8 \ 9 \end{array}$	d. $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{10} \textcircled{14} \\ \cancel{5} \cancel{1} \cancel{4} \\ - 2 \ 6 \ 8 \\ \hline 2 \ 4 \ 6 \end{array}$
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

e. $\begin{array}{r} \text{H T O} \\ \textcircled{3} \textcircled{12} \textcircled{16} \\ \cancel{4} \cancel{3} \cancel{6} \\ - 2 \ 3 \ 8 \\ \hline 1 \ 9 \ 8 \end{array}$	f. $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{11} \textcircled{} \\ \cancel{5} \cancel{1} \cancel{9} \\ - 2 \ 8 \ 9 \\ \hline 2 \ 3 \ 0 \end{array}$	g. $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{9} \textcircled{13} \\ \cancel{5} \cancel{0} \cancel{3} \\ - 1 \ 9 \ 8 \\ \hline 3 \ 0 \ 5 \end{array}$	h. $\begin{array}{r} \text{H T O} \\ \textcircled{5} \textcircled{10} \textcircled{14} \\ \cancel{6} \cancel{1} \cancel{4} \\ - 2 \ 3 \ 5 \\ \hline 3 \ 7 \ 9 \end{array}$
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

i. $\begin{array}{r} \text{H T O} \\ \textcircled{4} \textcircled{9} \textcircled{10} \\ \cancel{5} \cancel{0} \cancel{0} \\ - 2 \ 3 \ 5 \\ \hline 2 \ 6 \ 5 \end{array}$	j. $\begin{array}{r} \text{H T O} \\ \textcircled{} \textcircled{4} \textcircled{10} \\ \cancel{6} \cancel{5} \cancel{0} \\ - 1 \ 4 \ 8 \\ \hline 5 \ 0 \ 2 \end{array}$	k. $\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{13} \textcircled{16} \\ \cancel{7} \cancel{4} \cancel{6} \\ - 5 \ 7 \ 7 \\ \hline 1 \ 6 \ 9 \end{array}$	l. $\begin{array}{r} \text{H T O} \\ \textcircled{2} \textcircled{10} \textcircled{10} \\ \cancel{3} \cancel{1} \cancel{0} \\ - 1 \ 3 \ 5 \\ \hline 1 \ 7 \ 5 \end{array}$
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

m. $\begin{array}{r} \text{H T O} \\ \textcircled{5} \textcircled{9} \textcircled{16} \\ \cancel{6} \cancel{0} \cancel{6} \\ - 2 \ 9 \ 8 \\ \hline 3 \ 0 \ 8 \end{array}$	n. $\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{11} \textcircled{10} \\ \cancel{7} \cancel{2} \cancel{0} \\ - 3 \ 9 \ 4 \\ \hline 3 \ 2 \ 6 \end{array}$	o. $\begin{array}{r} \text{H T O} \\ \textcircled{3} \textcircled{12} \textcircled{13} \\ \cancel{4} \cancel{3} \cancel{3} \\ - 1 \ 5 \ 8 \\ \hline 2 \ 7 \ 5 \end{array}$	p. $\begin{array}{r} \text{H T O} \\ \textcircled{6} \textcircled{12} \textcircled{} \\ \cancel{7} \cancel{2} \cancel{9} \\ - 1 \ 5 \ 5 \\ \hline 5 \ 7 \ 4 \end{array}$
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

q. $\begin{array}{r} \text{H T O} \\ \textcircled{7} \textcircled{10} \textcircled{18} \\ \cancel{8} \cancel{1} \cancel{8} \\ - 3 \ 9 \ 9 \\ \hline 4 \ 1 \ 9 \end{array}$	r. $\begin{array}{r} \text{H T O} \\ \textcircled{7} \textcircled{12} \textcircled{} \\ \cancel{8} \cancel{2} \cancel{8} \\ - 2 \ 6 \ 8 \\ \hline 5 \ 6 \ 0 \end{array}$	s. $\begin{array}{r} \text{H T O} \\ \textcircled{} \textcircled{} \textcircled{11} \\ \cancel{7} \ 2 \ \cancel{1} \\ - 3 \ 1 \ 2 \\ \hline 4 \ 0 \ 9 \end{array}$	t. $\begin{array}{r} \text{H T O} \\ \textcircled{} \textcircled{} \textcircled{} \\ \cancel{9} \ 9 \ 9 \\ - 6 \ 7 \ 8 \\ \hline 3 \ 2 \ 1 \end{array}$
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Page 51 : Exercise 6.8

Word Problems

$$\begin{array}{r}
 1. \quad \begin{array}{cc} \text{T} & \text{O} \\ \textcircled{7} & \textcircled{11} \\ \cancel{8} & \cancel{1} \\ - 2 & 9 \\ \hline 5 & 2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 2. \quad \begin{array}{cc} \text{T} & \text{O} \\ 9 & 8 \\ - 2 & 3 \\ \hline 7 & 5 \end{array}
 \end{array}$$

$$\begin{array}{r}
 3. \quad \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \textcircled{6} & \textcircled{17} & \textcircled{15} \\ \cancel{7} & \cancel{8} & \cancel{8} \\ - 2 & 8 & 6 \\ \hline 4 & 9 & 9 \end{array}
 \end{array}$$

$$\begin{array}{r}
 4. \quad \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \textcircled{6} & \textcircled{13} & \textcircled{15} \\ \cancel{7} & \cancel{4} & \cancel{5} \\ - & 8 & 8 \\ \hline 6 & 5 & 7 \end{array}
 \end{array}$$

$$\begin{array}{r}
 5. \quad \begin{array}{cc} \text{T} & \text{O} \\ \textcircled{9} & \textcircled{10} \\ \cancel{10} & \cancel{0} \\ - 5 & 8 \\ \hline 4 & 2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 6. \quad \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \textcircled{6} & \textcircled{11} & \textcircled{15} \\ \cancel{7} & \cancel{2} & \cancel{5} \\ - 2 & 3 & 7 \\ \hline 4 & 8 & 8 \end{array}
 \end{array}$$

$$\begin{array}{r}
 7. \quad \begin{array}{cc} \text{T} & \text{O} \\ \textcircled{6} & \textcircled{12} \\ \cancel{7} & \cancel{2} \\ - 3 & 8 \\ \hline 3 & 4 \end{array}
 \end{array}$$

Multiple Choice Question :

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

Mental Math

1. Find the difference :

$$\begin{array}{r}
 \text{(a)} \quad \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \textcircled{} & \textcircled{8} & \textcircled{14} \\ 5 & \cancel{9} & \cancel{4} \\ - 1 & 7 & 6 \\ \hline 4 & 1 & 8 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(b)} \quad \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \textcircled{6} & \textcircled{14} & \textcircled{14} \\ \cancel{7} & \cancel{5} & \cancel{4} \\ - 2 & 9 & 8 \\ \hline 4 & 5 & 6 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(c) H T O} \\
 \text{\textcircled{0}} \text{\textcircled{0}} \text{\textcircled{0}} \\
 9 \ 9 \ 9 \\
 - 6 \ 8 \ 8 \\
 \hline
 3 \ 1 \ 1
 \end{array}$$

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

2. *Fill in the blanks*

a. $45 - 10 = 35$

b. $786 - 100 = 686$

c. $854 - 0 = 854$

d. $729 - 200 = 529$

3.

$$\begin{array}{r}
 \text{T O} \\
 \text{\textcircled{4}} \ \text{\textcircled{14}} \\
 \cancel{5} \ \cancel{4} \\
 - 2 \ 8 \\
 \hline
 2 \ 6
 \end{array}$$

4.

$$\begin{array}{r}
 \text{H T O} \\
 \text{\textcircled{0}} \ \text{\textcircled{17}} \ \text{\textcircled{15}} \\
 1 \ \cancel{8} \ \cancel{8} \\
 - \ 9 \ 9 \\
 \hline
 8 \ 6
 \end{array}$$

Unit – 7 : Multiplication

Page 53 : Exercise 7.1

1. Fill in the place holders as shown :

a. $2 + 2 + 2 = 6$

$2 \times 3 = 6$

c. $8 + 8 = 16$

$8 \times 2 = 16$

e. $4+4+4+4+4+4 = 24$

$4 \times 6 = 24$

b. $5 + 5 + 5 = 15$

$5 \times 3 = 15$

d. $6 + 6 + 6 + 6 + 6 = 30$

$6 \times 5 = 30$

f. $8+8+8+8+8+8+8+8=64$

$8 \times 8 = 64$

Page 54 : Exercise 7.2

2. Fill in the blanks :

a. $2 \times 3 = 6$

c. $6 \times 10 = 60$

e. $9 \times 1 = 9$

g. $7 \times 10 = 70$

i. $9 \times 10 = 90$

b. $4 \times 5 = 30$

d. $8 \times 10 = 80$

f. $4 \times 0 = 0$

h. $6 \times 5 = 5 \times 6$

j. $10 \times 7 = 70$

3. Multiply using multiplication tables :

a. $8 \times 6 = 48$

c. $7 \times 7 = 49$

e. $2 \times 9 = 18$

g. $4 \times 4 = 16$

i. $5 \times 6 = 30$

k. $8 \times 8 = 64$

m. $6 \times 10 = 60$

o. $4 \times 9 = 36$

q. $8 \times 10 = 80$

b. $4 \times 8 = 32$

d. $6 \times 10 = 60$

f. $7 \times 3 = 21$

h. $9 \times 3 = 27$

j. $7 \times 8 = 56$

l. $9 \times 4 = 36$

n. $7 \times 8 = 56$

p. $5 \times 9 = 45$

r. $5 \times 3 = 15$

Page 56 : Exercise 7.3

1. a. $3 \times 5 = 3 + 3 + 3 + 3 + 3 = 15$
b. $2 \times 8 = 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$
c. $6 \times 3 = 6 + 6 + 6 = 18$

Page 57 : Exercise 7.4

1. *Multiply the following :*

a.	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	b.	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	c.	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	d.	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$
----	-----------------------------------------------------------	----	-----------------------------------------------------------	----	-----------------------------------------------------------	----	-----------------------------------------------------------

e.	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	f.	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	g.	$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	h.	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$
----	-----------------------------------------------------------	----	-----------------------------------------------------------	----	-----------------------------------------------------------	----	-----------------------------------------------------------

i.	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	j.	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	k.	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	l.	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$
----	-----------------------------------------------------------	----	-----------------------------------------------------------	----	-----------------------------------------------------------	----	-----------------------------------------------------------

Page 58 : Exercise 7.5

1. *Multiply the following :*

a.	$\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$	b.	$\begin{array}{r} 32 \\ \times 3 \\ \hline 96 \end{array}$	c.	$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$	d.	$\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$
----	------------------------------------------------------------	----	------------------------------------------------------------	----	------------------------------------------------------------	----	------------------------------------------------------------

e.	$\begin{array}{r} 75 \\ \times 1 \\ \hline 75 \end{array}$	f.	$\begin{array}{r} 44 \\ \times 2 \\ \hline 88 \end{array}$	g.	$\begin{array}{r} 22 \\ \times 4 \\ \hline 88 \end{array}$	h.	$\begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array}$
----	------------------------------------------------------------	----	------------------------------------------------------------	----	------------------------------------------------------------	----	------------------------------------------------------------

Page 59 : Exercise 7.6

1. Multiply the following :

$$\begin{array}{r} \text{a. } 234 \\ \times 2 \\ \hline 468 \end{array}$$

$$\begin{array}{r} \text{b. } 312 \\ \times 3 \\ \hline 936 \end{array}$$

$$\begin{array}{r} \text{c. } 212 \\ \times 4 \\ \hline 848 \end{array}$$

$$\begin{array}{r} \text{d. } 403 \\ \times 2 \\ \hline 806 \end{array}$$

$$\begin{array}{r} \text{e. } 101 \\ \times 8 \\ \hline 808 \end{array}$$

$$\begin{array}{r} \text{f. } 112 \\ \times 4 \\ \hline 448 \end{array}$$

$$\begin{array}{r} \text{g. } 111 \\ \times 9 \\ \hline 999 \end{array}$$

$$\begin{array}{r} \text{h. } 323 \\ \times 3 \\ \hline 969 \end{array}$$

Page 60 : Exercise 7.7

1. Multiply :

$$\begin{array}{r} \text{a. } \text{T O} \\ \textcircled{2} \\ 17 \\ \times 4 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{b. } \text{T O} \\ \textcircled{1} \\ 16 \\ \times 3 \\ \hline 48 \end{array}$$

$$\begin{array}{r} \text{c. } \text{T O} \\ \textcircled{4} \\ 19 \\ \times 5 \\ \hline 95 \end{array}$$

$$\begin{array}{r} \text{d. } \text{T O} \\ \textcircled{1} \\ 25 \\ \times 2 \\ \hline 50 \end{array}$$

$$\begin{array}{r} \text{e. } \text{T O} \\ \textcircled{1} \\ 24 \\ \times 3 \\ \hline 72 \end{array}$$

$$\begin{array}{r} \text{f. } \text{T O} \\ \textcircled{4} \\ 17 \\ \times 6 \\ \hline 102 \end{array}$$

$$\begin{array}{r} \text{g. } \text{T O} \\ \textcircled{1} \\ 19 \\ \times 2 \\ \hline 38 \end{array}$$

$$\begin{array}{r} \text{h. } \text{T O} \\ \textcircled{1} \\ 24 \\ \times 4 \\ \hline 96 \end{array}$$

Page 62 : Exercise 7.8

1. Multiply :

$$\begin{array}{r} \text{a. } \text{T O} \\ \textcircled{6} \\ 58 \\ \times 8 \\ \hline 464 \end{array}$$

$$\begin{array}{r} \text{b. } \text{T O} \\ \textcircled{1} \\ 73 \\ \times 6 \\ \hline 438 \end{array}$$

$$\begin{array}{r} \text{c. } \text{T O} \\ \textcircled{5} \\ 46 \\ \times 9 \\ \hline 414 \end{array}$$

$$\begin{array}{r} \text{d. } \text{T O} \\ \textcircled{3} \\ 59 \\ \times 4 \\ \hline 236 \end{array}$$

e.	T O	f.	T O	g.	T O	h.	T O
	①		③		①		④
	7 2		2 6		3 4		2 8
	$\times 5$		$\times 6$		$\times 4$		$\times 5$
	<u>3 6 0</u>		<u>1 5 6</u>		<u>1 3 6</u>		<u>1 4 0</u>

Page 63 : Exercise 7.9

1. Fill in the blanks :

- | | |
|------------------------------|------------------------------|
| a. $5 \times 2 = 2 \times 5$ | b. $1 \times 7 = 7$ |
| c. $0 \times 10 = 0$ | d. $5 \times 4 = 4 \times 5$ |
| e. $10 \times 0 = 0$ | f. $0 \times 5 = 0$ |
| g. $3 \times 1 = 3$ | h. $8 \times 1 = 1 \times 8$ |
| i. $13 \times 0 = 0$ | j. $7 \times 3 = 3 \times 7$ |
| k. $8 \times 2 = 2 \times 8$ | l. $6 \times 0 = 0$ |
| m. $8 \times 1 = 8$ | n. $6 \times 7 = 7 \times 6$ |
| o. $7 \times 0 = 0$ | |

Page 63 : Exercise 7.10

Words Problems

- | | |
|------------------------|-------------------------|
| 1. $18 \times 7 = 126$ | 2. $22 \times 7 = 154$ |
| 3. $14 \times 8 = 112$ | 4. $42 \times 9 = 378$ |
| 5. $54 \times 6 = 324$ | 6. $82 \times 10 = 820$ |
| 7. $25 \times 4 = 100$ | |

Multiple Choice Question :

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

Mental Math

1. Multiply the following :

a.
$$\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$$

b.
$$\begin{array}{r} 24 \\ \times 4 \\ \hline 96 \end{array}$$

c.
$$\begin{array}{r} 25 \\ \times 6 \\ \hline 150 \end{array}$$

d.
$$\begin{array}{r} 85 \\ \times 7 \\ \hline 595 \end{array}$$

2. Multiply the following :

e.
$$\begin{array}{r} 234 \\ \times 2 \\ \hline 468 \end{array}$$

f.
$$\begin{array}{r} 312 \\ \times 3 \\ \hline 936 \end{array}$$

g.
$$\begin{array}{r} 119 \\ \times 9 \\ \hline 1071 \end{array}$$

h.
$$\begin{array}{r} 323 \\ \times 3 \\ \hline 969 \end{array}$$

3. $82 \times 10 = 820$

4. $14 \times 8 = 112$

Unit – 8 : Division

Page 66 : Exercise 8.1

1. Fill in the blanks :

- a. 12 apples have been divided equally into (i) 3 groups
Each group contains (ii) 4 apples
Division fact is $12 \div 3 =$ (iii) 4
- b. 24 pens have been divided equally into (i) 6 groups
Each group contains (ii) 4 pens
Division fact is $24 \div 6 =$ (iii) 4
- c. 20 bags have been divided equally into (i) 4 groups
Each group contains (ii) 5 bags
Division fact is $20 \div 4 =$ (iii) 5
- d. 28 cups have been divided equally into (i) 4 groups
Each group contains (ii) 7 cups
Division fact is $28 \div 4 =$ (iii) 7

2. Write the division fact for each of the following :

- b. $16 \div 4 = 4$
c. $10 \div 5 = 2$
d. $27 \div 3 = 9$
e. $21 \div 3 = 7$

Page 68 : Exercise 8.2

1. Write two division facts for each of the following multiplication facts :

- | | | |
|-------------------|-------------------------|----------------------|
| $3 \times 5 = 15$ | (b) (i) $15 \div 3 = 5$ | (ii) $15 \div 5 = 3$ |
| $2 \times 9 = 18$ | (c) (i) $18 \div 2 = 9$ | (ii) $18 \div 9 = 2$ |
| $4 \times 6 = 24$ | (d) (i) $24 \div 4 = 6$ | (ii) $24 \div 6 = 4$ |

$7 \times 3 = 21$	(e) (i) $21 \div 7 = 3$	(ii) $21 \div 3 = 7$
$6 \times 7 = 42$	(f) (i) $42 \div 6 = 7$	(ii) $42 \div 7 = 6$
$8 \times 9 = 72$	(g) (i) $72 \div 8 = 9$	(ii) $72 \div 9 = 8$
$7 \times 8 = 56$	(h) (i) $56 \div 7 = 8$	(ii) $56 \div 8 = 7$
$6 \times 8 = 48$	(i) (i) $48 \div 6 = 8$	(ii) $48 \div 8 = 6$
$9 \times 5 = 45$	(j) (i) $45 \div 9 = 5$	(ii) $45 \div 5 = 9$

Page 69 : Exercise 8.3

1. Divide using multiplication tables :

i. $27 \div 9 = 3$	ii. $49 \div 7 = 7$
iii. $81 \div 9 = 9$	iv. $80 \div 10 = 8$
v. $56 \div 8 = 7$	vi. $16 \div 4 = 4$
vii. $25 \div 5 = 5$	viii. $27 \div 3 = 9$
ix. $35 \div 5 = 7$	x. $9 \div 3 = 3$
xi. $28 \div 4 = 7$	xii. $36 \div 6 = 6$
xiii. $72 \div 8 = 9$	xiv. $18 \div 2 = 9$
xv. $63 \div 7 = 9$	xvi. $24 \div 4 = 6$
xvii. $24 \div 3 = 8$	xviii. $32 \div 8 = 4$
xix. $12 \div 2 = 6$	xx. $42 \div 7 = 6$

Page 70 : Exercise 8.4

Word Problem

- $42 \div 7 = 6$
- $45 \div 5 = 9$
- $56 \div 7 = 8$
- $80 \div 8 = 10$
- $40 \div 5 = 8$
- $35 \div 5 = 7$

Unit – 10 : Money

Page 76 : Exercise 10.1

1. Answer the following questions :

- a. 2 notes
b. 4 coins
c. 10 coins
d. 20 notes

2. Fill in the blanks :

- a. 2 coins
b. 100 rupees
c. 100 paise
d. 5 notes
e. 50 notes
f. 20 notes
g. 4 notes

Page 78 : Exercise 10.2

1. Add. :

$$\begin{array}{r} \text{a. } \textcircled{0} \textcircled{1} \\ \text{R } 4 \ 8 \\ + \text{R } 3 \ 6 \\ \hline \text{R } 8 \ 4 \end{array}$$

$$\begin{array}{r} \text{b. } \textcircled{0} \textcircled{1} \\ \text{R } 2 \ 9 \\ + \text{R } 5 \ 8 \\ \hline \text{R } 8 \ 7 \end{array}$$

$$\begin{array}{r} \text{c. } \textcircled{0} \textcircled{0} \\ \text{R } 3 \ 4 \\ + \text{R } 5 \ 5 \\ \hline \text{R } 8 \ 9 \end{array}$$

$$\begin{array}{r} \text{d. } \textcircled{1} \textcircled{1} \\ \text{R } 2 \ 3 \ 6 \\ \text{R } 7 \ 2 \ 5 \\ + \text{R } 1 \ 1 \ 2 \\ \hline \text{R } 1 \ 0 \ 7 \ 3 \end{array}$$

$$\begin{array}{r} \text{e. } \textcircled{1} \textcircled{1} \\ \text{R } 4 \ 5 \ 1 \\ \text{R } 1 \ 1 \ 4 \\ + \text{R } 2 \ 3 \ 5 \\ \hline \text{R } 8 \ 0 \ 0 \end{array}$$

$$\begin{array}{r} \text{f. } \text{R } 4 \ 1 \ 2 \\ \text{R } \ 1 \ 5 \\ + \text{R } \ 3 \ 2 \\ \hline \text{R } 4 \ 5 \ 9 \end{array}$$

$$\begin{array}{r} \text{g. } \textcircled{0} \textcircled{0} \\ \text{7 } 2 \ \text{P} \\ + 1 \ 4 \ \text{P} \\ \hline \text{8 } 6 \ \text{P} \end{array}$$

$$\begin{array}{r} \text{h. } \textcircled{1} \textcircled{0} \\ \text{6 } 7 \ \text{P} \\ + 2 \ 5 \ \text{P} \\ \hline \text{9 } 2 \ \text{P} \end{array}$$

$$\begin{array}{r} \text{i. } \textcircled{1} \textcircled{0} \\ \text{3 } 5 \ \text{P} \\ + 4 \ 8 \ \text{P} \\ \hline \text{8 } 3 \ \text{P} \end{array}$$

2. **Subtract :**

$$\begin{array}{r} \text{a.} \quad \textcircled{0} \textcircled{0} \\ \text{R } 8 \ 5 \\ - \text{R } 4 \ 2 \\ \hline \text{R } 4 \ 3 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \textcircled{8} \textcircled{14} \\ \text{R } \cancel{9} \cancel{4} \\ - \text{R } 3 \ 8 \\ \hline \text{R } 5 \ 6 \end{array}$$

$$\begin{array}{r} \text{c.} \quad \textcircled{6} \textcircled{12} \\ \text{R } \cancel{7} \cancel{2} \\ - \text{R } 2 \ 9 \\ \hline \text{R } 4 \ 3 \end{array}$$

$$\begin{array}{r} \text{d.} \quad \textcircled{0} \textcircled{9} \textcircled{10} \\ \text{R } \cancel{1} \cancel{0} \cancel{0} \\ - \text{R } \quad 4 \ 5 \\ \hline \text{R } 5 \ 5 \end{array}$$

$$\begin{array}{r} \text{e.} \quad \textcircled{3} \textcircled{4} \textcircled{15} \\ \text{R } \cancel{4} \cancel{5} \cancel{5} \\ - \text{R } \quad 2 \ 8 \\ \hline \text{R } 3 \ 2 \ 7 \end{array}$$

$$\begin{array}{r} \text{f.} \quad \textcircled{1} \textcircled{13} \textcircled{0} \\ \text{R } \cancel{2} \cancel{3} \ 6 \\ - \text{R } 1 \ 7 \ 5 \\ \hline \text{R } \quad 6 \ 1 \end{array}$$

$$\begin{array}{r} \text{g.} \quad 8 \ 4 \ \text{P} \\ - 3 \ 3 \ \text{P} \\ \hline 5 \ 1 \ \text{P} \end{array}$$

$$\begin{array}{r} \text{h.} \quad \textcircled{6} \textcircled{13} \\ \cancel{7} \cancel{3} \ \text{P} \\ - 4 \ 8 \ \text{P} \\ \hline 2 \ 5 \ \text{P} \end{array}$$

$$\begin{array}{r} \text{i.} \quad \textcircled{8} \textcircled{10} \\ \cancel{9} \cancel{0} \ \text{P} \\ - 6 \ 7 \ \text{P} \\ \hline 2 \ 3 \ \text{P} \end{array}$$

Page 79 : Exercise 10.3

Word Problems

1. R 80 – R 50 = R 30
2. R 64 + R 42 = R 106
3. R 95 – R 48 = R 47
4. R 90 – R 18 = R 72
5. R 72 + R 38 = R 110
6. R 189 + R 59 + R 53 = R 301

Multiple Choice Question

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

Mental Math

1. a. 2 notes
- b. 20 notes

3. Add.

$$\begin{array}{r} \text{a.} \quad \textcircled{1} \\ \text{R } 48 \\ + \text{R } 36 \\ \hline \text{R } 84 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \textcircled{1} \\ 67\text{ P} \\ + 25\text{ P} \\ \hline 92\text{ P} \end{array}$$

$$\begin{array}{r} \text{c.} \quad \text{R } 34 \\ + \text{R } 55 \\ \hline \text{R } 89 \end{array}$$

$$\begin{array}{r} \text{d.} \quad \text{R } 412 \\ \text{R } 15 \\ + \text{R } 32 \\ \hline \text{R } 459 \end{array}$$

4. Subtract :

$$\begin{array}{r} \text{a.} \quad \textcircled{8} \textcircled{14} \\ \text{R } \cancel{9} \cancel{4} \\ - \text{R } 38 \\ \hline \text{R } 56 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \textcircled{6} \textcircled{14} \\ \text{R } \cancel{7} \cancel{2} \\ - \text{R } 29 \\ \hline \text{R } 43 \end{array}$$

$$\begin{array}{r} \text{c.} \quad \textcircled{6} \textcircled{13} \\ \cancel{7} \cancel{3} \text{ P} \\ - 48\text{ P} \\ \hline 25\text{ P} \end{array}$$

$$\begin{array}{r} \text{d.} \quad \textcircled{8} \textcircled{10} \\ \cancel{9} \cancel{0} \text{ P} \\ - 67\text{ P} \\ \hline 23\text{ P} \end{array}$$

$$\begin{array}{r}
 \text{j.} \quad \begin{array}{r} \textcircled{4} \textcircled{10} \\ 4 \cancel{8} 0 \text{ m} \\ - 1 2 8 \text{ m} \\ \hline 3 4 2 \text{ m} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{k.} \quad \begin{array}{r} \textcircled{6} \textcircled{15} \\ \cancel{7} 5 \text{ m} \\ - 4 8 \text{ m} \\ \hline 2 7 \text{ m} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{l.} \quad \begin{array}{r} \textcircled{7} \textcircled{14} \\ \cancel{8} 4 \text{ m} \\ - 3 9 \text{ m} \\ \hline 4 5 \text{ m} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{m.} \quad \begin{array}{r} \text{m} \quad \text{cm} \\ \begin{array}{r} \textcircled{616} \textcircled{210} \\ 176 \cancel{30} \\ - 38 19 \\ \hline 138 11 \end{array} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{n.} \quad \begin{array}{r} \text{m} \quad \text{cm} \\ \begin{array}{r} \textcircled{913} \textcircled{315} \\ 103 \cancel{45} \\ - 88 29 \\ \hline 15 16 \end{array} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{o.} \quad \begin{array}{r} \text{m} \quad \text{cm} \\ \begin{array}{r} \textcircled{} \textcircled{814} \\ 246 \cancel{94} \\ - 124 38 \\ \hline 122 56 \end{array} \end{array}
 \end{array}$$

Page 87 : Exercise 11.4

Word Problem

$$\begin{array}{r}
 \text{1.} \quad \begin{array}{r} \textcircled{7} \textcircled{15} \\ \cancel{8} 5 \text{ m} \\ - 3 8 \text{ m} \\ \hline 4 7 \text{ m} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{2.} \quad \begin{array}{r} 1 \text{ m} \quad 26 \text{ cm} \\ + \quad \quad 52 \text{ cm} \\ \hline 1 \text{ m} \quad 78 \text{ cm} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{3.} \quad \begin{array}{r} 2 \text{ m} \quad 45 \text{ cm} \\ - \quad \quad 20 \text{ cm} \\ \hline 2 \text{ m} \quad 25 \text{ cm} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{4.} \quad \begin{array}{r} 42 \text{ m} \quad 45 \text{ cm} \\ - 22 \text{ m} \quad 18 \text{ cm} \\ \hline 20 \text{ m} \quad 27 \text{ cm} \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{5.} \quad \begin{array}{r} 45 \text{ m} \quad 78 \text{ cm} \\ - 38 \text{ m} \quad 45 \text{ cm} \\ \hline 7 \text{ m} \quad 33 \text{ cm} \end{array}
 \end{array}$$

Multiple Choice Question

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

Mental Maths

Do Yourself

Unit – 12 : Measurement of Weight

Page 90 : Exercise 12.1

1. Help the shopkeeper to find the total of weight in each case :

a. 350 g

b. 350 g

c. 1 kg 100 g

d. 2 kg 600 g

e. 550 g

f. 1 kg 100 g

Page 92 : Exercise 12.2

1. Solve the following :

$$\begin{array}{r} \textcircled{1}\textcircled{1} \\ 136 \text{ kg} \\ + 84 \text{ kg} \\ \hline 220 \text{ kg} \end{array}$$

$$\begin{array}{r} \textcircled{1}\textcircled{0} \\ 245 \text{ kg} \\ + 274 \text{ kg} \\ \hline 519 \text{ kg} \end{array}$$

$$\begin{array}{r} \text{c.} \\ 74 \text{ g} \\ + 25 \text{ g} \\ \hline 99 \text{ g} \end{array}$$

$$\begin{array}{r} \text{d.} \\ \textcircled{1}\textcircled{1} \\ 745 \text{ g} \\ + 178 \text{ g} \\ \hline 923 \text{ g} \end{array}$$

$$\begin{array}{r} \text{e.} \\ \text{kg} \quad \text{g} \\ \textcircled{1}\textcircled{1} \\ 30 \quad 475 \\ + 8 \quad 367 \\ \hline 38 \quad 842 \end{array}$$

$$\begin{array}{r} \text{f.} \\ \text{kg} \quad \text{g} \\ \textcircled{1}\textcircled{1} \quad \textcircled{1} \\ 135 \quad 250 \\ + 265 \quad 650 \\ \hline 400 \quad 900 \end{array}$$

$$\begin{array}{r} \text{g.} \\ \text{kg} \quad \text{g} \\ \textcircled{1}\textcircled{1} \quad \textcircled{1}\textcircled{1} \\ 234 \quad 725 \\ + 69 \quad 185 \\ \hline 303 \quad 910 \end{array}$$

$$\begin{array}{r} \text{h.} \\ \textcircled{6}\textcircled{1}\textcircled{0} \\ 999 \text{ kg} \\ + 245 \text{ kg} \\ \hline 1244 \text{ kg} \end{array}$$

$$\begin{array}{r} \text{i.} \\ \textcircled{1} \\ 745 \text{ kg} \\ + 237 \text{ kg} \\ \hline 982 \text{ kg} \end{array}$$

$$\begin{array}{r} \text{j.} \\ 486 \text{ g} \\ - 322 \text{ g} \\ \hline 164 \text{ g} \end{array}$$

$$\begin{array}{r} \text{k.} \\ \textcircled{6}\textcircled{1}\textcircled{0} \\ 720 \text{ g} \\ - 45 \text{ g} \\ \hline 675 \text{ g} \end{array}$$

$$\begin{array}{r} \text{l.} \\ \text{kg} \quad \text{g} \\ \textcircled{3}\textcircled{9}\textcircled{0} \quad \textcircled{4}\textcircled{1}\textcircled{4} \\ 400 \quad 540 \\ - 245 \quad 250 \\ \hline 155 \quad 290 \end{array}$$

$$\begin{array}{r}
 \text{m.} \quad \text{kg} \quad \text{g} \\
 \begin{array}{r}
 \textcircled{5} \textcircled{4} \textcircled{0} \textcircled{1} \textcircled{0} \\
 650 \quad 200 \\
 - 175 \quad 150 \\
 \hline
 475 \quad 050
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{n.} \quad \text{kg} \quad \text{g} \\
 \begin{array}{r}
 \textcircled{0} \textcircled{9} \textcircled{14} \textcircled{2} \textcircled{0} \textcircled{15} \\
 104 \quad 315 \\
 - 45 \quad 176 \\
 \hline
 59 \quad 139
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{o.} \quad \text{kg} \quad \text{g} \\
 \begin{array}{r}
 \textcircled{6} \textcircled{8} \textcircled{5} \textcircled{15} \\
 70 \quad 650 \\
 - 8 \quad 080 \\
 \hline
 62 \quad 570
 \end{array}
 \end{array}$$

Page 93 : Exercise 12.2

Word Problems

1. $\textcircled{1}$

$$\begin{array}{r}
 245 \text{ kg} \\
 + 48 \text{ kg} \\
 \hline
 293 \text{ kg}
 \end{array}$$

2. $\textcircled{1}$

$$\begin{array}{r}
 45 \text{ kg } 236 \text{ g} \\
 28 \text{ kg } 450 \text{ g} \\
 \hline
 73 \text{ kg } 686 \text{ g}
 \end{array}$$

3.

$$\begin{array}{r}
 98 \text{ kg} \\
 - 5 \text{ kg} \\
 \hline
 93 \text{ kg}
 \end{array}$$

4. $\textcircled{3} \textcircled{0} \textcircled{12}$ $\textcircled{3} \textcircled{10}$

$$\begin{array}{r}
 402 \text{ kg } 400 \text{ g} \\
 - 235 \text{ kg } 380 \text{ g} \\
 \hline
 167 \text{ kg } 20 \text{ g}
 \end{array}$$

5. $\textcircled{9} \textcircled{10}$

$$\begin{array}{r}
 45 \text{ kg } 700 \text{ g} \\
 - 35 \text{ kg } 655 \text{ g} \\
 \hline
 10 \text{ kg } 45 \text{ g}
 \end{array}$$

Multiple Choice Questions

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

Mental Math

Do Yourself

Unit – 13 : Measurement of Capacity

Page 95 : Exercise 13.1

1. Solve the following :

$$\begin{array}{r} a. \quad 72 \text{ L} \\ + 45 \text{ L} \\ \hline 117 \text{ L} \end{array}$$

$$\begin{array}{r} b. \quad \textcircled{1} \\ \quad 85 \text{ L} \\ + 39 \text{ L} \\ \hline 124 \text{ L} \end{array}$$

$$\begin{array}{r} c. \quad \textcircled{11} \\ \quad 196 \text{ L} \\ + 725 \text{ L} \\ \hline 921 \text{ L} \end{array}$$

$$\begin{array}{r} d. \quad \textcircled{11} \\ \quad 485 \text{ L} \\ + 267 \text{ L} \\ \hline 752 \text{ L} \end{array}$$

$$\begin{array}{r} e. \quad \textcircled{11} \\ \quad 389 \text{ ml} \\ + 428 \text{ ml} \\ \hline 817 \text{ ml} \end{array}$$

$$\begin{array}{r} f. \quad \quad \quad 729 \text{ ml} \\ + 700 \text{ ml} \\ \hline 1429 \text{ ml} \end{array}$$

$$\begin{array}{r} g. \quad \textcircled{2} \\ \quad 56 \text{ L} \\ \quad 69 \text{ L} \\ + 47 \text{ L} \\ \hline 172 \text{ L} \end{array}$$

$$\begin{array}{r} h. \quad \textcircled{11} \\ \quad 238 \text{ L} \\ \quad 356 \text{ L} \\ + 475 \text{ L} \\ \hline 1069 \text{ L} \end{array}$$

$$\begin{array}{r} i. \quad \textcircled{11} \\ \quad 432 \text{ L} \\ \quad 79 \text{ L} \\ + 23 \text{ L} \\ \hline 534 \text{ L} \end{array}$$

$$\begin{array}{r} j. \quad \text{L} \quad \text{ml} \\ \quad \textcircled{1} \quad \textcircled{11} \\ \quad 76 \quad 358 \\ + 38 \quad 195 \\ \hline 114 \quad 553 \end{array}$$

$$\begin{array}{r} k. \quad \text{L} \quad \text{ml} \\ \quad 23 \quad 635 \\ + 11 \quad 124 \\ \hline 34 \quad 759 \end{array}$$

$$\begin{array}{r} l. \quad \text{L} \quad \text{ml} \\ \quad \quad \quad \textcircled{11} \\ \quad 123 \quad 635 \\ + 12 \quad 088 \\ \hline 135 \quad 723 \end{array}$$

$$\begin{array}{r} m. \quad \textcircled{8} \textcircled{14} \\ \quad 94 \text{ L} \\ - 36 \text{ L} \\ \hline 58 \text{ L} \end{array}$$

$$\begin{array}{r} n. \quad \textcircled{8} \textcircled{14} \\ \quad 194 \text{ L} \\ - 28 \text{ L} \\ \hline 166 \text{ L} \end{array}$$

$$\begin{array}{r} o. \quad \textcircled{0} \textcircled{0} \\ \quad 149 \text{ L} \\ - 83 \text{ L} \\ \hline 66 \text{ L} \end{array}$$

$$\begin{array}{r} p. \quad \textcircled{3} \textcircled{6} \textcircled{10} \\ \quad 470 \text{ ml} \\ - 238 \text{ ml} \\ \hline 132 \text{ ml} \end{array}$$

$$\begin{array}{r} q. \quad \textcircled{8} \textcircled{16} \textcircled{5} \\ \quad 975 \text{ ml} \\ - 499 \text{ ml} \\ \hline 476 \text{ ml} \end{array}$$

$$\begin{array}{r} r. \quad \textcircled{7} \textcircled{9} \textcircled{10} \\ \quad 800 \text{ ml} \\ - 435 \text{ ml} \\ \hline 365 \text{ ml} \end{array}$$

$$\begin{array}{r}
 \text{s.} \quad \text{L} \quad \text{ml} \\
 \quad \quad \text{0} \quad \text{311} \\
 \quad \quad 315 \quad 418 \\
 - \quad 12 \quad 245 \\
 \hline
 \quad \quad 303 \quad 173
 \end{array}$$

$$\begin{array}{r}
 \text{t.} \quad \text{L} \quad \text{ml} \\
 \quad \quad \text{0} \quad \text{0} \\
 \quad \quad 287 \quad 789 \\
 - \quad 111 \quad 236 \\
 \hline
 \quad \quad 176 \quad 553
 \end{array}$$

$$\begin{array}{r}
 \text{u.} \quad \text{L} \quad \text{ml} \\
 \quad \quad \text{5913} \quad \text{3910} \\
 \quad \quad 603 \quad 400 \\
 - \quad 208 \quad 199 \\
 \hline
 \quad \quad 595 \quad 201
 \end{array}$$

Page 98 : Exercise 13.2

Word Problems

$$\begin{array}{r}
 \text{1.} \quad 45 \text{ L} \\
 + 68 \text{ L} \\
 \hline
 113 \text{ L}
 \end{array}$$

$$\begin{array}{r}
 \text{2.} \quad 22 \text{ L } 500 \text{ mL} \\
 - 14 \text{ L } 390 \text{ mL} \\
 \hline
 8 \text{ L } 110 \text{ mL}
 \end{array}$$

$$\begin{array}{r}
 \text{3.} \quad 5 \text{ L } 490 \text{ mL} \\
 + 3 \text{ L } 450 \text{ mL} \\
 \hline
 8 \text{ L } 940 \text{ mL}
 \end{array}$$

$$\begin{array}{r}
 \text{4.} \quad 46 \text{ L } 800 \text{ mL} \\
 - 10 \text{ L } 485 \text{ mL} \\
 \hline
 36 \text{ L } 315 \text{ mL}
 \end{array}$$

$$\begin{array}{r}
 \text{5.} \quad 4 \text{ L } 485 \text{ mL} \\
 - \quad \quad 650 \text{ mL} \\
 \hline
 3 \text{ L } 835 \text{ mL}
 \end{array}$$

Multiple Choice Question

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

Mental Math

Do yourself

Unit – 14 : Geometry

Page 90 : Exercise 14

1. *Fill in the blanks :*

- A cuboid has 8 vertex, 12edges and 6 faces.
- A cylinder has no vertex, 2 edges and 3 faces.
- A sphere has only 1 face.
- A sphere has 0 vertex, 0 edges and 1 faces.
- A cone has 1 vertex, 1 edges and 2 faces.
- All sides of square are equal.
- A triangle has 3 vertices and 3 sides.

2. *Study the objects given below and write the name of their shapes in the boxes :*

- | | | |
|--------------|-----------|-----------|
| a. Sphere | b. Cube | c. Cuboid |
| d. Rectangle | e. Cone | f. Sphere |
| g. Cylinder | h. Cuboid | |

3. *Multiple Choice Questions :*

- | | |
|--------|--------|
| 1. (c) | 2. (b) |
| 3. (c) | 4. (d) |

Mental Math

1. *Fill in the blanks :*

- A cylinder has no vertex, 2 edges and 3 faces.
 - A triangle has 3 vertices and 3 sides.
 - All sides of square are equal.
 - A sphere has only 1 face.
 - A cone has 1 vertex, 1 edges and 2 faces.
- a. Horizontal b. Vertical c. Slanting
 - Mark a dot with pencil on paper.

Unit – 15 : Pictographs

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2. a. 5 b. 29 c. Monday d. Friday

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1. a. 20 Teddy b. Akansha and 30 teddy
 c. Geeta and 10 teddy d. 10 teddy
2. a. 23 b. 5
 c. Deers d. Elephants

Unit – 16 : Patterns

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2. a. 5 10 15 20 25 30 35 40 45
 b. 2 4 6 8 10 12 14 16 18 20
 c. 21 24 27 30 33 36 39 42 45 48
 d. 10 20 30 40 50 60 70 80