

Magic Mathematics (Book 2)

Chapter 1 Revision

Exercise 1

1. Write in words.

781 = Seven hundred eighty-one

537 = Five hundred thirty-seven

679 = Six hundred seventy-nine

348 = Three hundred forty-eight

907 = Nine hundred seven

250 = Two hundred fifty

2. Write in numerals.

Three hundred nineteen = 319

Seven hundred sixty-eight = 768

Five hundred eighty-seven = 587

Four hundred sixty-nine = 469

Two hundred four = 204

Six hundred ninety = 690

3. Fill in the blanks.

I. > II. < III. < IV. > V. = VI. <
VII. = VIII. > IX. > X. > XI. > XII. <

4. Ascending order(increasing order).

I. 6,9,10,15,18 II. 11,12,13,14,15
III. 20,21,23,24,25 IV. 70,75,77,80,90
V. 45,54,59,65,75 VI. 15,18,21,51,81

5. Descending order (decreasing order).

I. 92,89,76,68,65 II. 73,53,43,35,32
III. 90,70,60,50,40 IV. 75,55,50,45,25
V. 81,51,31,18,11 VI. 82,59,43,34,28

6. Fill in the blanks.

a. first b. twelfth c. 10
d. 999 e. 100 f. 60
g. 365 h. 1000 i. 1000
j. 7

7. Write successor.

- | | | | |
|--------|--------|---------|----------|
| I. 20 | II. 42 | III. 51 | IV. 45 |
| V. 84 | VI. 90 | VII. 34 | VIII. 56 |
| IX. 70 | X. 37 | | |

8. Write predecessor.

- | | | | |
|--------|--------|---------|----------|
| I. 9 | II. 86 | III. 34 | IV. 51 |
| V. 90 | VI. 79 | VII. 49 | VIII. 44 |
| IX. 33 | X. 88 | | |

9. Fill in the blanks.

- | | | | |
|--------|---------|----------|---------|
| I. 431 | II. 683 | III. 209 | IV. 720 |
| V. 999 | VI. 543 | | |

10. Add

(a)
$$\begin{array}{r} 57 \\ + 32 \\ \hline 89 \end{array}$$

(b)
$$\begin{array}{r} 34 \\ + 56 \\ \hline 90 \end{array}$$

(c)
$$\begin{array}{r} 93 \\ + 58 \\ \hline 151 \end{array}$$

(d)
$$\begin{array}{r} 256 \\ + 587 \\ \hline 843 \end{array}$$

(e)
$$\begin{array}{r} 345 \\ + 208 \\ \hline 553 \end{array}$$

(f)
$$\begin{array}{r} 530 \\ + 289 \\ \hline 819 \end{array}$$

(g)
$$\begin{array}{r} 88 \\ + 75 \\ \hline 163 \end{array}$$

(h)
$$\begin{array}{r} 38 \\ + 83 \\ \hline 121 \end{array}$$

So, total chalks = 163.

So, total mangoes = 121.

(i)
$$\begin{array}{r} 75 \\ + 25 \\ \hline 100 \end{array}$$

(h)
$$\begin{array}{r} 69 \\ + 12 \\ \hline 81 \end{array}$$

So, total ₹ = 100.

So, Ragini have 81 flowers have.

11. Subtract.

(a)
$$\begin{array}{r} 98 \\ - 34 \\ \hline 64 \end{array}$$

(b)
$$\begin{array}{r} 67 \\ - 23 \\ \hline 44 \end{array}$$

(c)
$$\begin{array}{r} 865 \\ - 543 \\ \hline 322 \end{array}$$

(d)
$$\begin{array}{r} 932 \\ - 648 \\ \hline 284 \end{array}$$

(e)
$$\begin{array}{r} 804 \\ 356 \\ \hline 448 \end{array}$$

(f)
$$\begin{array}{r} 530 \\ - 249 \\ \hline 281 \end{array}$$

(g)
$$\begin{array}{r} 56 \\ - 42 \\ \hline 14 \end{array}$$

(h) Sum of two numbers = 984

First number = 597

So, second number = ?

$$\begin{array}{r} 984 \\ - 597 \\ \hline 387 \end{array}$$

(i)
$$\begin{array}{r} 800 \\ - 543 \\ \hline 257 \end{array}$$

So, second number = 387

(j) Total number of students = 649

Students present in school = 357

so students absent = ?

Total number of student – Total no. of student present

$$\begin{array}{r} 649 \\ - 357 \\ \hline 292 \end{array}$$

So 292 students were absent that day.

12. Multiply.

(a)
$$\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$$

(b)
$$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \end{array}$$

(c)
$$\begin{array}{r} 47 \\ \times 9 \\ \hline 423 \end{array}$$

$$\begin{array}{r}
 \text{(d)} \quad \begin{array}{r} 54 \\ \times 23 \\ \hline 162 \\ 108 \\ \hline 1242 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(e)} \quad \begin{array}{r} 70 \\ \times 35 \\ \hline 350 \\ 210 \\ \hline 2450 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{(f)} \quad \begin{array}{r} 96 \\ \times 53 \\ \hline 288 \\ 480 \\ \hline 5088 \end{array}
 \end{array}$$

(g) One day earning = ₹ 125

One week = 7 day

So, seven day (one week) earning =

$$\begin{array}{r}
 125 \\
 \times 7 \\
 \hline
 875
 \end{array}$$

So, Ram can earn ₹ 875 in one week.

(h) In one box = 185 balls

So in 6 box

$$\begin{array}{r}
 185 \\
 \times 6 \\
 \hline
 1110
 \end{array}$$

So there would be 1110 balls in 6 such box.

(i) In one year = 365 day

So in 5 years,

$$\begin{array}{r}
 365 \\
 \times 5 \\
 \hline
 1825
 \end{array}$$

So in 5 year there would be 1825 days.

13. Divide.

$$\begin{array}{r}
 \text{(a)} \quad 4 \overline{) 3228} \\
 \underline{32} \\
 00
 \end{array}$$

$$\begin{array}{r}
 \text{(b)} \quad 13 \overline{) 937} \\
 \underline{91} \\
 02
 \end{array}$$

$$\begin{array}{r}
 \text{(c)} \quad 15 \overline{) 664} \\
 \underline{60} \\
 04
 \end{array}$$

$$\begin{array}{r} 2 \overline{) 462} 3 \\ \underline{4} \\ 06 \\ \underline{06} \\ 00 \end{array}$$

$$\begin{array}{r} 4 \overline{) 252} 63 \\ \underline{24} \\ 012 \\ \underline{12} \\ 00 \end{array}$$

$$\begin{array}{r} 9 \overline{) 298} 33 \\ \underline{27} \\ 028 \\ \underline{27} \\ 01 \end{array}$$

$$\begin{array}{r} 10 \overline{) 345} 34 \\ \underline{30} \\ 045 \\ \underline{40} \\ 05 \end{array}$$

$$\begin{array}{r} 12 \overline{) 255} 21 \\ \underline{24} \\ 015 \\ \underline{12} \\ 03 \end{array}$$

$$\begin{array}{r} 17 \overline{) 365} 21 \\ \underline{34} \\ 025 \\ \underline{17} \\ 08 \end{array}$$

- (j) Total marbles = 48
Total boys = 4

$$\begin{array}{r} 4 \overline{) 48} 21 \\ \underline{4} \\ 08 \\ \underline{8} \\ 0 \end{array}$$

So each boy would get 12 marbles.

- (k)

$$\begin{array}{r} 12 \overline{) 36} 3 \\ \underline{36} \\ 00 \end{array}$$

So we will divide 36 by 3 to get 12.

- (l) Cost of 3 toys = 63
So cost of 1 toy = ?

$$\begin{array}{r} 3 \overline{) 63} 21 \\ \underline{6} \\ 03 \\ \underline{3} \\ 0 \end{array}$$

So cost of one toy = ₹21

- (j) Wager of 4 workers = ₹ 484
So wage of 1 worker =

$$\begin{array}{r} 4 \overline{) 484} \begin{array}{l} 21 \\ 4 \\ \hline 08 \\ 8 \\ \hline 04 \\ 4 \\ \hline 0 \end{array} \end{array}$$

So wage of one worker = 121.

14. Solve.

- I. 42 II. 57 III. 132 IV. 89
V. 97 VI. 120 VII. 720 VIII. 600
IX. 5 X. 7

15. Write the name of the shapes.

- i. Triangle ii. Rectangle iii. Square
iv. Circle v. Cone vi. Cube

16. Fill in the blanks.

- i. Triangle ii. Quadrilaterals iii. Circle
iv. Successor v. Predecessor vi. ix
vii. v viii. 5

Chapter 2 : Counting and Tables

Counting from 101 to 200

101	111	121	131	141	151	161	171	181	191
102	112	122	132	142	152	162	172	182	192
103	113	123	133	143	153	163	173	183	193
104	114	124	134	144	154	164	174	184	194
105	115	125	135	145	155	165	175	185	195
106	116	126	136	146	156	166	176	186	196
107	117	127	137	147	157	167	177	187	197
108	118	128	138	148	158	168	178	188	198
109	119	129	139	149	159	169	179	189	199
110	120	130	140	150	160	170	180	190	200

Counting from 501 to 600.

501	511	521	531	541	551	561	571	581	591
502	512	522	532	542	552	562	572	582	592
503	513	523	533	543	553	563	573	583	593
504	514	524	534	544	554	564	574	584	594
505	515	525	535	545	555	565	575	585	595
506	516	526	536	546	556	566	576	586	596
507	517	527	537	547	557	567	577	587	597
508	518	528	538	548	558	568	578	588	598
509	519	529	539	549	559	569	579	589	599
510	520	530	540	550	560	570	580	590	600

Chapter 3 : Three Digit Number

Now, learn to read and write 3-digit numbers as follows:

99	+	1	=	100	Read as One hundred
100	+	1	=	101	Read as One hundred one
103	+	1	=	104	Read as One hundred four
105	+	1	=	106	Read as One hundred six
111	+	1	=	112	Read as One hundred twelve
199	+	1	=	200	Read as Two hundred
200	+	1	=	201	Read as Two hundred one
203	+	1	=	204	Read as Two hundred four
211	+	1	=	212	Read as Two hundred twelve
298	+	1	=	299	Read as Two hundred ninty-nine
299	+	1	=	300	Read as Three hundred
300	+	1	=	301	Read as Three hundred one
303	+	1	=	304	Read as Three hundred four
308	+	1	=	309	Read as Three hundred nine
998	+	1	=	999	Read as Nine hundred ninty-nine

Next number is 4-digit number as $999 + 1 = 1000$

Exercise - 3.1

1. Write the numerals for the following:

(a) Five hundred fifteen = **515**

- (b) Nine hundred ninety-eight = **998**
 (c) Two hundred sixty-three = **263**
 (d) Three hundred forty-two = **342**
 (e) One hundred fifty-seven = **157**

2. Write the numeral names for the following:

- (a) 649 = **Six hundred forty-nine**
 (b) 932 = **Nine hundred thirty-two**
 (c) 309 = **Three hundred nine**
 (d) 409 = **Four hundred nine**
 (e) 510 = **Five hundred ten**

3. Write the missing numbers:

401 402 403 **404** **405** 406 407
408 **409** 410 **411** **412** 413 414
415 **416** **417** 418 **419** **420** 421
 422 **423** **424** **425** **426** **427** 428
429 **430** **431** **432** 433 434 **435**
436 **437** **438** **439** **440** **441** 442

4. Write the digits of the following numbers under H, T and O:

- | | | | | | | | |
|-----------|---|---|---|-----------|---|---|---|
| (a) 211 = | $\begin{array}{c} \text{H} \\ \text{2} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{1} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{1} \end{array}$ | (b) 236 = | $\begin{array}{c} \text{H} \\ \text{2} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{3} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{6} \end{array}$ |
| (c) 321 = | $\begin{array}{c} \text{H} \\ \text{3} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{2} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{1} \end{array}$ | (d) 521 = | $\begin{array}{c} \text{H} \\ \text{5} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{2} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{1} \end{array}$ |
| (e) 425 = | $\begin{array}{c} \text{H} \\ \text{4} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{2} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{5} \end{array}$ | (f) 934 = | $\begin{array}{c} \text{H} \\ \text{9} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{3} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{4} \end{array}$ |
| (g) 955 = | $\begin{array}{c} \text{H} \\ \text{9} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{5} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{5} \end{array}$ | (h) 754 = | $\begin{array}{c} \text{H} \\ \text{7} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{5} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{4} \end{array}$ |
| (i) 475 = | $\begin{array}{c} \text{H} \\ \text{4} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{7} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{5} \end{array}$ | (j) 304 = | $\begin{array}{c} \text{H} \\ \text{3} \end{array}$ | $\begin{array}{c} \text{T} \\ \text{0} \end{array}$ | $\begin{array}{c} \text{O} \\ \text{4} \end{array}$ |

5. See the patterns and write the numbers in the boxes:

879 881 883 **885** **887** 889 891
 503 505 507 **509** **511** 513 515
 432 434 436 **438** **440** 442 444
 328 330 332 **334** **336** 338 340

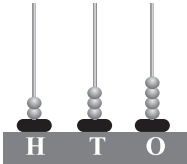
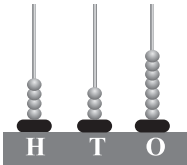
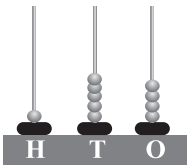
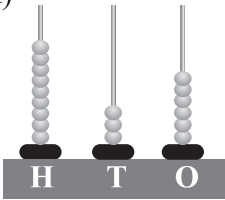
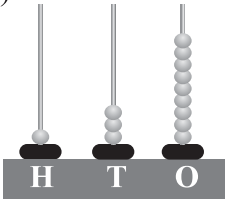
6. Fill in the boxes according to the patterns given below:

436 435 434 **433** **432** 431 430
 439 438 437 **436** **435** 434 433

939 935 934 **933** **932** 931 930
 188 187 186 **185** **184** 183 182

Exercise - 3.2

1. Read the abacus and write the numerals and number names:

	Abacus	Numerals	Number names
(a)		234	Two hundred thirty-four
(b)		437	Four hundred thirty-seven
(c)		154	One hundred fifty four
(d)		936	Nine hundred thirty six
(e)		139	One hundred thirty nine

Exercise - 3.3

1. Write the place value of each digit in the given numbers:

- (a) 634; the place value of 6 = **600** ; 3 = **30** ; 4 = **4**
 (b) 243; the place value of 2 = **200** ; 4 = **40** ; 3 = **3**
 (c) 728; the place value of 7 = **700** ; 2 = **20** ; 8 = **8**
 (d) 275; the place value of 2 = **200** ; 7 = **70** ; 5 = **5**
 (e) 536; the place value of 5 = **500** ; 3 = **30** ; 6 = **6**
 (f) 786; the place value of 7 = **700** ; 8 = **80** ; 6 = **6**
 (g) 279; the place value of 2 = **200** ; 7 = **70** ; 9 = **9**
 (h) 328; the place value of 3 = **300** ; 2 = **20** ; 8 = **8**
 (i) 228; the place value of 2 = **200** ; 2 = **20** ; 8 = **8**
 (j) 767; the place value of 7 = **700** ; 6 = **60** ; 7 = **7**

2. Write place value of underlined digit:

- (a) 2 8 6 **6** (b) 8 7 9 **70** (c) 5 3 0 **500**
 (d) 9 3 7 **900** (e) 4 3 2 **30** (f) 1 4 1 **100**
 (g) 5 1 9 **9** (h) 6 8 7 **600** (i) 3 3 9 **30**
 (j) 7 4 2 **700** (k) 3 9 9 **90** (l) 2 4 6 **200**

Exercise - 3.4

1. Compare and write >, < or = in the box:

- (a) 486 > 439 (b) 195 < 922
 (c) 235 > 156 (d) 320 > 125
 (e) 627 < 727 (f) 162 < 759
 (g) 498 < 629 (h) 305 < 405
 (i) 627 < 629 (j) 258 < 598

Exercise - 3.5

1. Write in expanded form:

- (a) 149 = 1 hundreds + 4 tens + 9 ones
 = 100 40 9
 (b) 249 = 2 hundreds + 4 tens + 9 ones
 = **200** **40** **9**
 (c) 702 = 7 hundreds + 0 tens + 2 ones
 = **700** **0** **2**
 (d) 434 = 4 hundreds + 3 tens + 4 ones
 = **400** **30** **4**

$$\begin{array}{rclclcl}
 \text{(e)} & 540 & = & 5 \text{ hundreds} & + & 4 \text{ tens} & + & 0 \text{ ones} \\
 & & = & \mathbf{500} & & \mathbf{40} & & \mathbf{0}
 \end{array}$$

2. Encircle the correct numeral:

- (a) 3 hundreds 4 tens 5 ones = 354, 345
 (b) 6 hundreds 2 tens 0 one = 620, 602
 (c) 5 hundreds 0 ten 6 ones = 506, 560
 (d) 9 hundreds 1 ten 5 ones = 951, 915
 (e) 4 hundreds 2 tens 3 ones = 432, 423
 (f) 8 hundreds 9 tens 1 one = 819, 891
 (g) 7 hundreds 5 tens 2 ones = 752, 725

Exercise - 3.6

1. Write the numerals in ascending order:

- (a) 365, 567, 456, 257 **254, 365, 456, 567**
 (b) 415, 316, 618, 714 **316, 415, 618, 714**
 (c) 452, 516, 342, 203 **203, 342, 452, 516**
 (d) 615, 617, 233, 514 **233, 514, 615, 617**
 (e) 670, 913, 780, 114 **114, 670, 780, 913**

Exercise - 3.7

1. Arrange in descending order:

- (a) 415, 625, 213, 816 **816, 615, 415, 213**
 (b) 205, 502, 725, 315 **725, 502, 315, 205**
 (c) 682, 236, 623, 362 **682, 623, 362, 236**
 (d) 534, 435, 743, 354 **743, 534, 435, 354**
 (e) 639, 936, 693, 369 **936, 693, 639, 369**
 (f) 425, 659, 297, 434 **659, 434, 425, 297**
 (g) 925, 527, 752, 275 **925, 752, 527, 275**
 (h) 229, 932, 484, 327 **932, 484, 327, 229**

Exercise - 3.8

1. Encircle the greatest numbers:

- (a) 456 465 564 546 654 645
 (b) 236 263 632 623 326 362
 (c) 214 241 142 421 412 124

- | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| (d) | 156 | 165 | 651 | 615 | 516 | 561 |
| (e) | 234 | 342 | 324 | 243 | 432 | 423 |

2. Encircle the smallest numbers:

- | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| (a) | 317 | 713 | 371 | 731 | 173 | 137 |
| (b) | 293 | 239 | 392 | 329 | 923 | 932 |
| (c) | 691 | 916 | 619 | 961 | 169 | 196 |
| (d) | 237 | 732 | 723 | 273 | 372 | 327 |
| (e) | 641 | 416 | 146 | 461 | 614 | 164 |

3. With the help of the following digits form the largest and the smallest number:

	Digits	Smallest Number	Largest Number
(a)	2, 1, 3	1 2 3	3 2 1
(b)	4, 6, 5	4 5 6	6 5 4
(c)	9, 4, 6	4 6 9	9 6 4
(d)	1, 6, 8	1 6 8	8 6 1
(e)	2, 7, 6	2 6 7	7 6 2
(f)	9, 2, 1	1 2 9	9 2 1
(g)	2, 2, 1	1 2 2	2 2 1

Chapter 4 : Ordinal Number

Exercise - 4

1. Write the position of the letters in the word 'MOTHER':

- | | | |
|-----|------------------------|---------------|
| (a) | The position of 'R' is | Sixth |
| (b) | The position of 'M' is | First |
| (c) | The position of 'T' is | Third |
| (d) | The position of 'O' is | Second |
| (e) | The position of 'H' is | Fourth |
| (f) | The position of 'E' is | Fifth |

2. Fill in the blanks:

- (a) Monday is the **First** day of the week.
- (b) Sunday is the **Seventh** day of the week.

- (c) Thursday is the **Fourth** day of the week.
- (d) Friday is the **Fifth** day of the week.
- (e) January is the **First** month of the year.
- (f) August is the **Eighth** month of the year.
- (g) February is the **Second** month of the year.
- (h) March is the **Third** month of the year.
- (i) December is the **Twelveth** month of the year.
- (j) September is the **Nineth** month of the year.

3. Write birthday of your family members:

- (a) Your birthday is on **13th May**
- (b) Your father's birthday is on **27th July**
- (c) Your mother's birthday is on **15th August**
- (d) Your brother's/sister's birthday is on **5th April**

Chapter 5 : Even and Odd Number

Exercise - 5

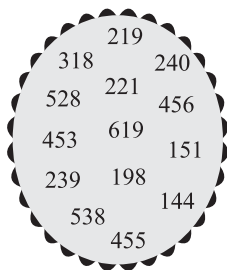
1. Encircle the even numbers:

- | | | | | |
|-----|------------|------------|------------|------------|
| (a) | 133 | 355 | <u>178</u> | 413 |
| (b) | <u>156</u> | 323 | 817 | 327 |
| (c) | <u>256</u> | 219 | 115 | 233 |
| (d) | 751 | 219 | 541 | <u>712</u> |
| (e) | 737 | <u>818</u> | 321 | 319 |

2. Encircle the odd numbers:

- | | | | | |
|-----|-----|------------|------------|------------|
| (a) | 312 | 330 | <u>231</u> | 512 |
| (b) | 420 | 316 | <u>259</u> | 332 |
| (c) | 226 | <u>293</u> | 388 | 524 |
| (d) | 458 | 378 | 210 | <u>313</u> |
| (e) | 770 | <u>113</u> | 114 | 718 |

3. Observe and put the numbers in correct places:



ODD	EVEN
219	240
151	456
455	144
453	538
221	528
619	318
239	198

Chapter 6 : Addition

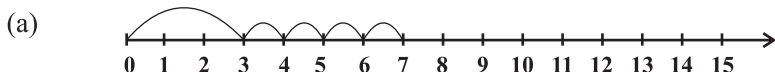
Exercise - 6.1

Add

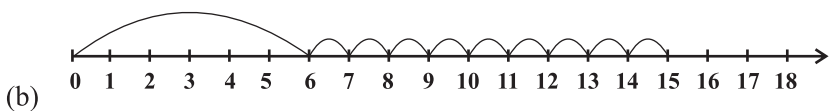
$43 + 1 = 44$	$49 + 5 = 54$	$89 + 9 = 98$
$36 + 4 = 40$	$29 + 4 = 33$	$18 + 3 = 21$
$29 + 3 = 32$	$37 + 4 = 41$	$32 + 5 = 37$
$45 + 3 = 48$	$44 + 4 = 48$	$53 + 3 = 56$
$64 + 7 = 71$	$73 + 8 = 81$	$88 + 5 = 93$
$15 + 25 = 40$	$81 + 27 = 108$	$60 + 30 = 90$
$12 + 5 = 17$	$2 + 66 = 68$	$20 + 60 = 80$
$6 + 14 = 20$	$93 + 3 = 96$	$50 + 20 = 70$
$8 + 15 = 23$	$4 + 25 = 29$	$40 + 40 = 80$
$6 + 13 = 19$	$5 + 44 = 49$	$30 + 30 = 60$
$22 + 4 = 26$	$4 + 25 = 29$	$12 + 13 = 25$
$15 + 12 = 27$	$11 + 14 = 25$	$6 + 15 = 21$
$22 + 11 = 33$	$33 + 10 = 43$	$10 + 22 = 32$
$23 + 12 = 35$	$55 + 22 = 77$	$18 + 41 = 59$
$42 + 10 = 52$	$23 + 25 = 48$	$33 + 21 = 54$

Exercise - 6.2

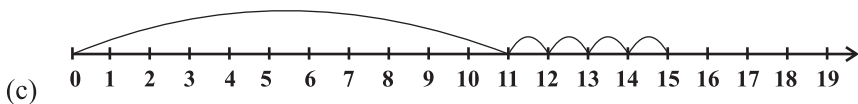
Find the sum on number line:



$$3 + 5 = 8$$



$$6 + 9 = 15$$



$$11 + 4 = 15$$

Exercise - 6.3

1. Find the sum:

$\begin{array}{r} \text{T O} \\ 52 \\ + 36 \\ \hline 88 \end{array}$	$\begin{array}{r} \text{T O} \\ 83 \\ + 26 \\ \hline 109 \end{array}$	$\begin{array}{r} \text{T O} \\ 45 \\ + 54 \\ \hline 99 \end{array}$	$\begin{array}{r} \text{T O} \\ 62 \\ + 35 \\ \hline 97 \end{array}$
$\begin{array}{r} \text{T O} \\ 41 \\ + 15 \\ \hline 56 \end{array}$	$\begin{array}{r} \text{T O} \\ 73 \\ + 24 \\ \hline 97 \end{array}$	$\begin{array}{r} \text{T O} \\ 96 \\ + 43 \\ \hline 139 \end{array}$	$\begin{array}{r} \text{T O} \\ 38 \\ + 51 \\ \hline 89 \end{array}$
$\begin{array}{r} \text{T O} \\ 33 \\ + 14 \\ \hline 47 \end{array}$	$\begin{array}{r} \text{T O} \\ 15 \\ + 22 \\ \hline 37 \end{array}$	$\begin{array}{r} \text{T O} \\ 51 \\ + 34 \\ \hline 85 \end{array}$	$\begin{array}{r} \text{T O} \\ 92 \\ + 35 \\ \hline 127 \end{array}$
$\begin{array}{r} \text{T O} \\ 36 \\ + 51 \\ \hline 87 \end{array}$	$\begin{array}{r} \text{T O} \\ 24 \\ + 31 \\ \hline 55 \end{array}$	$\begin{array}{r} \text{T O} \\ 25 \\ + 23 \\ \hline 48 \end{array}$	$\begin{array}{r} \text{T O} \\ 25 \\ + 51 \\ \hline 76 \end{array}$
$\begin{array}{r} \text{T O} \\ 57 \\ + 22 \\ \hline 79 \end{array}$	$\begin{array}{r} \text{T O} \\ 64 \\ + 42 \\ \hline 106 \end{array}$	$\begin{array}{r} \text{T O} \\ 55 \\ + 24 \\ \hline 79 \end{array}$	$\begin{array}{r} \text{T O} \\ 50 \\ + 35 \\ \hline 85 \end{array}$

$$\begin{array}{r} \text{T O} \\ 32 \\ + 20 \\ \hline 52 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 45 \\ + 23 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 32 \\ + 44 \\ \hline 76 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 23 \\ + 42 \\ \hline 65 \end{array}$$

2. Find the sum:

$$\begin{array}{r} \text{T O} \\ 32 \\ 22 \\ + 14 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 12 \\ 32 \\ + 25 \\ \hline 69 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 35 \\ 11 \\ + 22 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 21 \\ 21 \\ + 14 \\ \hline 56 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 16 \\ 2 \\ + 11 \\ \hline 29 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 17 \\ 10 \\ + 22 \\ \hline 49 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 32 \\ 12 \\ + 24 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 24 \\ 12 \\ + 23 \\ \hline 59 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 20 \\ 34 \\ + 35 \\ \hline 89 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 41 \\ 23 \\ + 25 \\ \hline 89 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 52 \\ 22 \\ + 11 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 94 \\ 12 \\ + 13 \\ \hline 119 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 81 \\ 42 \\ + 15 \\ \hline 138 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 50 \\ 26 \\ + 13 \\ \hline 89 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 22 \\ 40 \\ + 23 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 47 \\ 11 \\ + 21 \\ \hline 79 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 33 \\ 24 \\ + 11 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 36 \\ 62 \\ + 11 \\ \hline 109 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 21 \\ 66 \\ + 22 \\ \hline 109 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 64 \\ 13 \\ + 22 \\ \hline 109 \end{array}$$

Exercise - 6.4

1. Find the sum:

$$\begin{array}{r} \text{T O} \\ 38 \\ + 25 \\ \hline 63 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 29 \\ + 34 \\ \hline 63 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 48 \\ + 29 \\ \hline 77 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 75 \\ + 28 \\ \hline 103 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 36 \\ + 39 \\ \hline 75 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 48 \\ + 56 \\ \hline 104 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 26 \\ + 49 \\ \hline 75 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 57 \\ + 28 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 52 \\ + 19 \\ \hline 71 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 28 \\ + 23 \\ \hline 51 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 25 \\ + 28 \\ \hline 53 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 35 \\ + 27 \\ \hline 62 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 59 \\ + 16 \\ \hline 75 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 26 \\ + 27 \\ \hline 53 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 33 \\ + 29 \\ \hline 62 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 29 \\ + 28 \\ \hline 57 \end{array}$$

2. Find the sum:

$$\begin{array}{r} \text{T O} \\ 53 \\ 43 \\ + 24 \\ \hline 120 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 46 \\ 68 \\ + 32 \\ \hline 146 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 36 \\ 24 \\ + 24 \\ \hline 84 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 52 \\ 27 \\ + 33 \\ \hline 112 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 45 \\ 38 \\ + 27 \\ \hline 110 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 52 \\ 36 \\ + 24 \\ \hline 112 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 37 \\ 24 \\ + 24 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 58 \\ 24 \\ + 32 \\ \hline 114 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 23 \\ 34 \\ + 26 \\ \hline 83 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 46 \\ 28 \\ + 35 \\ \hline 109 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 15 \\ 29 \\ + 23 \\ \hline 67 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 16 \\ 52 \\ + 26 \\ \hline 94 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 51 \\ 29 \\ + 28 \\ \hline 108 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 24 \\ 68 \\ + 17 \\ \hline 109 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 33 \\ 59 \\ + 23 \\ \hline 115 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 20 \\ 48 \\ + 18 \\ \hline 86 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 54 \\ 16 \\ + 17 \\ \hline 87 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 26 \\ 38 \\ + 14 \\ \hline 78 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 36 \\ 28 \\ + 11 \\ \hline 75 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 37 \\ 17 \\ + 27 \\ \hline 81 \end{array}$$

Exercise - 6.5

1. Find the sum:

$$\begin{array}{r} \text{H T O} \\ 285 \\ + 113 \\ \hline 398 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 395 \\ + 204 \\ \hline 599 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 425 \\ + 353 \\ \hline 778 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 425 \\ + 473 \\ \hline 898 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 368 \\ + 124 \\ \hline 492 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 575 \\ + 125 \\ \hline 700 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 395 \\ + 206 \\ \hline 601 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 536 \\ + 214 \\ \hline 750 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 562 \\ + 533 \\ \hline 1095 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 829 \\ + 655 \\ \hline 1484 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 928 \\ + 185 \\ \hline 1113 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 678 \\ + 486 \\ \hline 1164 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 257 \\ + 149 \\ \hline 406 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 179 \\ + 148 \\ \hline 327 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 237 \\ + 598 \\ \hline 835 \end{array}$$

Exercise - 6.6

1. There are 30 apples and 47 mangoes in a basket. How many fruits are there in the basket?

$$\begin{array}{r} \text{Number of apples} = 30 \\ \text{Number of mangoes} = + 47 \\ \hline \text{Total} = 77 \end{array} \text{ Fruits}$$

Hence, 77 fruits are in the basket.

2. Himanshu has 15 pencils and 27 pens. How many these are in all?

$$\begin{array}{r} \text{Number of Pencils} = 15 \\ \text{Number of Pens} = + 27 \\ \hline \text{Total} = 42 \end{array}$$

Hence, Himanshu has 42 items.

3. A school has two shifts. There are 584 students in first shift and 412 second shift. How many students are there in the school?

$$\begin{array}{r} \text{Number of students in first shift} = 584 \\ \text{Number of students in second shift} = + 412 \\ \hline \text{Total} = 996 \end{array}$$

Hence, 996 students are in the school.

4. In a cricket match Rahul scored 115 runs in the 1st Innings and 130 runs in the 2nd innings. How many runs did he score?

$$\begin{array}{r} \text{Scored runs in 1st inning} = 115 \\ \text{Scored runs in 2nd innings} = + 130 \\ \hline \text{Total} = 245 \end{array}$$

Hence, Rahul scored 245 runs in both innings.

5. In a basket, there are 36 mangoes, 45 apples and 56 oranges. How many fruits are there in the basket?

$$\begin{array}{r} \text{Number of mangoes} = 36 \\ \text{Number of apples} = 45 \\ \text{Number of oranges} = + 56 \\ \hline \text{Total} = 137 \end{array}$$

Hence, 137 fruits are in the basket.

6. Ram bought three packets of toffees. Two packets had 48 toffees each. Third packet contained 64 toffees. How many toffees in all did Ram buy?

$$\text{Number of toffees in two packets} = 48$$

$$\begin{array}{r} \text{Number of toffees in third packet} = + 64 \\ \text{Total} = \boxed{112} \end{array}$$

Therefore, Ram bought 112 toffees.

Exercise - 6.7

1. Write the nearest ten (10):

43 = 40	75 = 80	32 = 30
41 = 40	49 = 50	39 = 40
87 = 90	79 = 80	61 = 60
48 = 50	13 = 10	27 = 30
31 = 30	54 = 50	72 = 70
29 = 30	16 = 20	45 = 50
87 = 90	92 = 90	67 = 70

Exercise = 6.8

1. Estimate the sum:

- (a) Write the numbers to the nearest ten.

$$\begin{array}{r} 42 \rightarrow 40 \\ + 39 \rightarrow + 40 \\ \hline 80 \end{array}$$

Hence, Estimated sum is 80.

- (b) Write the numbers to the nearest ten.

$$\begin{array}{r} 71 \rightarrow 70 \\ + 45 \rightarrow + 50 \\ \hline 120 \end{array}$$

Hence, Estimated sum is 120.

- (c) Write the numbers to the nearest ten.

$$\begin{array}{r} 37 \rightarrow 40 \\ + 29 \rightarrow + 30 \\ \hline 70 \end{array}$$

Hence, Estimated sum is 70.

- (d) Write the numbers to the nearest ten.

$$\begin{array}{r} 24 \rightarrow 20 \\ + 37 \rightarrow + 40 \\ \hline 60 \end{array}$$

Hence, Estimated sum is 60.

- (e) Write the numbers to the nearest ten.

$$\begin{array}{r} 78 \rightarrow 80 \\ + 29 \rightarrow + 30 \\ \hline 110 \end{array}$$

Hence, Estimated sum is 120.

- (f) Write the numbers to the nearest ten.

$$\begin{array}{r} 27 \rightarrow 30 \\ + 42 \rightarrow + 40 \\ \hline 70 \end{array}$$

Hence, Estimated sum is 70.

- (g) Write the numbers to the nearest ten.

$$\begin{array}{r} 26 \rightarrow 30 \\ + 19 \rightarrow + 20 \\ \hline 50 \end{array}$$

Hence, Estimated sum is 50.

- (h) Write the numbers to the nearest ten.

$$\begin{array}{r} 42 \rightarrow 40 \\ + 71 \rightarrow + 70 \\ \hline 110 \end{array}$$

Hence, Estimated sum is 110.

- (i) Write the numbers to the nearest ten.

$$\begin{array}{r} 48 \rightarrow 50 \\ + 74 \rightarrow + 70 \\ \hline 120 \end{array}$$

Hence, Estimated sum is 120.

- (j) Write the numbers to the nearest ten.

$$\begin{array}{r} 82 \rightarrow 80 \\ + 13 \rightarrow + 10 \\ \hline 90 \end{array}$$

Hence, Estimated sum is 90.

Chapter 7 : Subtraction

Exercise - 7.1

1. Find the difference by counting backward:

$22 - 3 = 19$

$47 - 2 = 45$

$48 - 5 = 43$

$52 - 6 = 46$

$67 - 5 = 62$

$85 - 2 = 83$

$99 - 6 = 93$

$49 - 8 = 41$

$80 - 9 = 71$

$77 - 7 = 70$

$77 - 4 = 73$

$93 - 7 = 86$

$71 - 4 = 67$

$41 - 7 = 34$

$71 - 4 = 67$

$93 - 8 = 85$

$44 - 7 = 37$

$27 - 4 = 23$

$77 - 2 = 75$

$79 - 5 = 74$

$44 - 7 = 37$

$72 - 7 = 65$

$40 - 9 = 31$

$74 - 4 = 70$

$94 - 7 = 87$

$77 - 2 = 73$

$21 - 4 = 17$

$79 - 3 = 76$

$94 - 4 = 90$

$94 - 7 = 87$

$77 - 7 = 70$

$44 - 7 = 37$

$70 - 4 = 66$

$33 - 3 = 30$

$77 - 6 = 71$

$42 - 7 = 35$

$44 - 4 = 40$

$79 - 7 = 72$

$47 - 9 = 38$

$44 - 7 = 37$

$74 - 3 = 71$

$94 - 9 = 85$

$37 - 2 = 35$

$49 - 4 = 45$

$71 - 9 = 62$

$47 - 2 = 45$

$77 - 3 = 74$

$44 - 3 = 41$

$91 - 4 = 87$

$77 - 7 = 70$

$49 - 7 = 42$

$90 - 7 = 83$

$70 - 3 = 67$

$20 - 4 = 16$

$79 - 5 = 74$

$23 - 4 = 19$

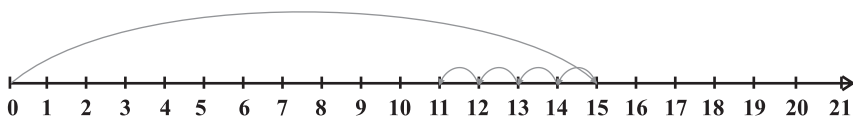
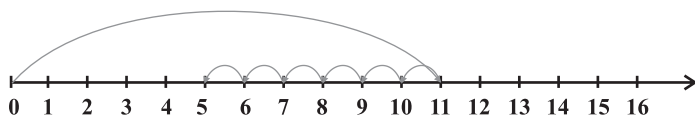
$74 - 7 = 67$

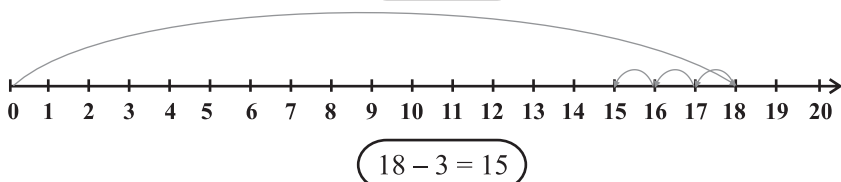
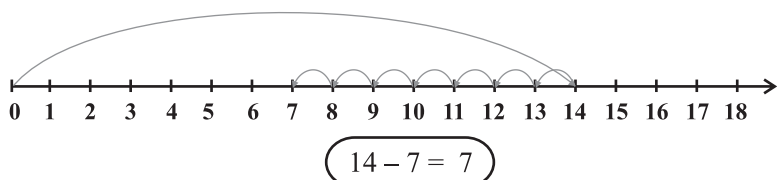
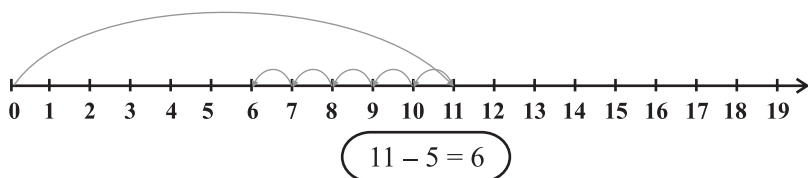
$37 - 3 = 34$

$27 - 6 = 21$

$99 - 7 = 92$

Exercise - 7.2





Exercise - 7.3

1. Write the relationship displayed in the circle:

	$17 + 8 = 25$		$28 + 6 = 34$
(a) $\begin{array}{r} 25 \\ - \\ 17 + 8 \end{array}$	$18 + 7 = 25$	(b) $\begin{array}{r} 34 \\ - \\ 28 + 6 \end{array}$	$26 + 8 = 34$
	$25 - 7 = 18$		$34 - 8 = 26$
	$25 - 18 = 7$		$34 - 26 = 8$
	$5 + 10 = 15$		$26 + 7 = 33$
(c) $\begin{array}{r} 15 \\ - \\ 5 + 10 \end{array}$	$15 - 10 = 5$	(d) $\begin{array}{r} 33 \\ - \\ 26 + 7 \end{array}$	$27 + 6 = 33$
	$15 - 5 = 10$		$33 - 6 = 27$
			$33 - 27 = 6$

Exercise - 7.4

1. Subtract :

$\begin{array}{r} \text{T O} \\ 77 \\ - 25 \\ \hline 52 \end{array}$	$\begin{array}{r} \text{T O} \\ 54 \\ - 21 \\ \hline 33 \end{array}$	$\begin{array}{r} \text{T O} \\ 92 \\ - 51 \\ \hline 41 \end{array}$	$\begin{array}{r} \text{T O} \\ 78 \\ - 45 \\ \hline 33 \end{array}$
$\begin{array}{r} \text{T O} \\ 55 \\ - 23 \\ \hline 32 \end{array}$	$\begin{array}{r} \text{T O} \\ 29 \\ - 28 \\ \hline 01 \end{array}$	$\begin{array}{r} \text{T O} \\ 38 \\ - 25 \\ \hline 13 \end{array}$	$\begin{array}{r} \text{T O} \\ 98 \\ - 54 \\ \hline 44 \end{array}$

$\begin{array}{r} \text{T O} \\ 75 \\ - 32 \\ \hline 43 \end{array}$	$\begin{array}{r} \text{T O} \\ 60 \\ - 20 \\ \hline 40 \end{array}$	$\begin{array}{r} \text{T O} \\ 74 \\ - 21 \\ \hline 53 \end{array}$	$\begin{array}{r} \text{T O} \\ 62 \\ - 21 \\ \hline 41 \end{array}$
$\begin{array}{r} \text{T O} \\ 28 \\ - 25 \\ \hline 03 \end{array}$	$\begin{array}{r} \text{T O} \\ 87 \\ - 77 \\ \hline 10 \end{array}$	$\begin{array}{r} \text{T O} \\ 39 \\ - 34 \\ \hline 05 \end{array}$	$\begin{array}{r} \text{T O} \\ 43 \\ - 12 \\ \hline 31 \end{array}$
$\begin{array}{r} \text{T O} \\ 87 \\ - 24 \\ \hline 63 \end{array}$	$\begin{array}{r} \text{T O} \\ 96 \\ - 35 \\ \hline 61 \end{array}$	$\begin{array}{r} \text{T O} \\ 58 \\ - 22 \\ \hline 36 \end{array}$	$\begin{array}{r} \text{T O} \\ 99 \\ - 47 \\ \hline 52 \end{array}$

2. Subtract and check the answer:

$\begin{array}{r} \text{T O} \\ 58 \\ - 25 \\ \hline 33 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 33 \\ + 25 \\ \hline 58 \end{array}$
$\begin{array}{r} \text{T O} \\ 66 \\ - 33 \\ \hline 33 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 33 \\ + 33 \\ \hline 66 \end{array}$
$\begin{array}{r} \text{T O} \\ 86 \\ - 34 \\ \hline 52 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 52 \\ + 34 \\ \hline 86 \end{array}$
$\begin{array}{r} \text{T O} \\ 87 \\ - 84 \\ \hline 03 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 03 \\ + 84 \\ \hline 87 \end{array}$
$\begin{array}{r} \text{T O} \\ 86 \\ - 51 \\ \hline 35 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 35 \\ + 51 \\ \hline 86 \end{array}$
$\begin{array}{r} \text{T O} \\ 76 \\ - 54 \\ \hline 22 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 22 \\ + 54 \\ \hline 76 \end{array}$
$\begin{array}{r} \text{T O} \\ 68 \\ - 42 \\ \hline 26 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 26 \\ + 42 \\ \hline 68 \end{array}$
$\begin{array}{r} \text{T O} \\ 63 \\ - 52 \\ \hline 11 \end{array}$	Ex. $\begin{array}{r} \text{T O} \\ 11 \\ + 52 \\ \hline 63 \end{array}$

T	O	Ex.	T	O
3	3		1	0
- 2	3		+ 2	3
1	0		3	3

T	O	Ex.	T	O
6	9		2	2
- 4	7		+ 4	7
2	2		6	9

Exercise - 7.5

1. Subtract :

T	O
4	1
- 1	8
2	3

T	O
6	3
- 4	7
1	6

T	O
2	2
- 1	8
0	4

T	O
9	3
- 1	8
7	5

T	O
6	7
- 3	8
2	9

T	O
7	1
- 3	3
3	8

T	O
4	6
- 1	9
2	7

T	O
8	7
- 1	9
6	8

T	O
4	3
- 2	8
1	5

T	O
7	1
- 1	9
5	2

T	O
5	2
- 1	4
3	8

T	O
3	0
- 1	5
1	5

T	O
5	2
- 1	8
3	4

T	O
6	2
- 3	7
2	5

T	O
5	3
- 1	8
3	5

T	O
6	2
- 2	8
3	4

T	O
6	5
- 2	8
3	7

T	O
7	2
- 3	4
3	8

T	O
3	3
- 1	5
1	8

T	O
6	2
- 1	5
4	7

T	O
4	2
- 3	8
0	4

T	O
6	2
- 1	9
4	3

T	O
4	2
- 1	3
2	9

T	O
9	3
- 1	8
7	5

Exercise - 7.6

1. Find the difference:

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

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 5 \quad 5 \\ - 2 \quad 4 \\ \hline 4 \quad 3 \quad 1 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 9 \quad 9 \\ - 6 \quad 6 \\ \hline 4 \quad 3 \quad 3 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 6 \quad 5 \quad 6 \\ - 3 \quad 3 \\ \hline 6 \quad 2 \quad 3 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 7 \quad 8 \\ - 4 \quad 5 \\ \hline 2 \quad 3 \quad 3 \end{array}$$

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

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 4 \quad 8 \\ - 3 \quad 4 \\ \hline 5 \quad 1 \quad 4 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 9 \quad 8 \\ - 7 \quad 2 \\ \hline 3 \quad 2 \quad 6 \end{array}$$

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

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 5 \quad 7 \\ - 3 \quad 4 \\ \hline 2 \quad 2 \quad 3 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 4 \quad 8 \\ - 3 \quad 4 \\ \hline 5 \quad 1 \quad 4 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 9 \quad 8 \\ - 7 \quad 2 \\ \hline 3 \quad 2 \quad 6 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 1 \quad 6 \quad 4 \\ - 5 \quad 3 \\ \hline 1 \quad 1 \quad 1 \end{array}$$

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

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 7 \quad 4 \\ - 5 \quad 2 \\ \hline 3 \quad 2 \quad 2 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 1 \quad 8 \quad 9 \\ - 5 \quad 6 \\ \hline 1 \quad 3 \quad 3 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 6 \quad 9 \\ - 6 \quad 3 \\ \hline 2 \quad 0 \quad 6 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 6 \quad 5 \quad 6 \\ - 2 \quad 4 \\ \hline 6 \quad 3 \quad 2 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 8 \quad 4 \\ - 9 \quad 2 \\ \hline 2 \quad 9 \quad 2 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 9 \quad 8 \quad 9 \\ - 9 \quad 6 \\ \hline 8 \quad 9 \quad 3 \end{array}$$

Exercise - 7.7

1. Estimate the difference:

$$\begin{array}{r} 9 \quad 9 \rightarrow 1 \quad 0 \quad 0 \\ - 6 \quad 1 \rightarrow - 6 \quad 0 \\ \hline 3 \quad 8 \quad \quad 4 \quad 0 \end{array}$$

$$\begin{array}{r} 8 \quad 3 \rightarrow 8 \quad 0 \\ - 2 \quad 9 \rightarrow - 3 \quad 0 \\ \hline 5 \quad 4 \quad \quad 5 \quad 0 \end{array}$$

$$\begin{array}{r} 2 \quad 9 \rightarrow 3 \quad 0 \\ - 2 \quad 1 \rightarrow - 2 \quad 0 \\ \hline 0 \quad 8 \quad \quad 1 \quad 0 \end{array}$$

$$\begin{array}{r} 8 \quad 8 \rightarrow 9 \quad 0 \\ - 2 \quad 2 \rightarrow - 2 \quad 0 \\ \hline 6 \quad 6 \quad \quad 7 \quad 0 \end{array}$$

$$\begin{array}{r} 92 \rightarrow 90 \\ - 57 \rightarrow - 60 \\ \hline 35 \quad 30 \end{array}$$

$$\begin{array}{r} 73 \rightarrow 70 \\ - 52 \rightarrow - 50 \\ \hline 21 \quad 20 \end{array}$$

$$\begin{array}{r} 62 \rightarrow 60 \\ - 39 \rightarrow - 40 \\ \hline 23 \quad 20 \end{array}$$

$$\begin{array}{r} 85 \rightarrow 90 \\ - 49 \rightarrow - 50 \\ \hline 36 \quad 40 \end{array}$$

$$\begin{array}{r} 32 \rightarrow 30 \\ - 17 \rightarrow - 20 \\ \hline 15 \quad 10 \end{array}$$

$$\begin{array}{r} 43 \rightarrow 40 \\ - 32 \rightarrow - 30 \\ \hline 11 \quad 10 \end{array}$$

$$\begin{array}{r} 81 \rightarrow 80 \\ - 49 \rightarrow - 50 \\ \hline 32 \quad 30 \end{array}$$

$$\begin{array}{r} 65 \rightarrow 70 \\ - 21 \rightarrow - 20 \\ \hline 44 \quad 50 \end{array}$$

Exercise - 7.8

1. There are 59 staffs in the public library. 32 of them are men. How many staffs are women?

$$\text{Total staff in the Public library} = 59$$

$$\text{Number of men} = 32$$

$$\text{Number of women} = 27$$

Therefore, 27 women are in the public library.

2. Himanshu had 180 stamps. Out of them 85 are Foreign stamps. How many Indian stamps are found with him?

$$\text{Total number of stamps} = 180$$

$$\text{Number of foreign stamps} = 85$$

$$\text{Number of Indian stamps} = 95$$

Therefore, 95 stamps are found with them.

3. In a school, 854 out of 89 students went for a picnic. How many students did not go?

$$\text{Total number of students} = 854$$

$$\text{Number of students want to picnic} = 89$$

$$\text{Number of students left} = 765$$

Therefore, 765 students did not go for picnic.

4. A fruitseller has 528 apples. He sold 50 apples. How many apples are left?

$$\text{Total number of apples} = 528$$

$$\text{Number of sold apples} = -50$$

$$\text{Number of left apples} = 478$$

Therefore, 478 apples are left.

5. In a park, there are 128 trees. 68 trees were cut to widen the road. How many trees are left?

$$\text{Total number of trees} = 128$$

$$\text{Number of trees were cut} = -68$$

$$\text{Number of trees left} = 60$$

Therefore, 60 trees are left.

Chapter 8 : Multiplication

Exercise - 8.1

1. Count the objects and fill in the boxes:



$$4 + 4 + 4 + 4 = 16$$

$$4 \times 4 = 16$$


$$5 + 5 + 5 = 15$$

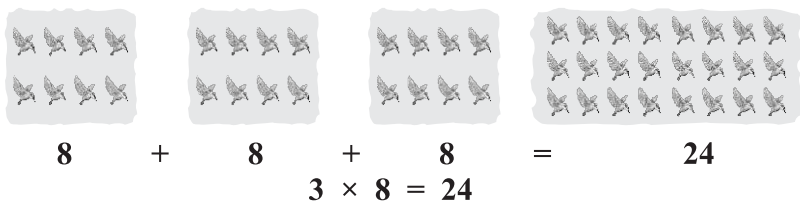
$$3 \times 5 = 15$$


$$10 + 10 = 20$$

$$2 \times 10 = 20$$

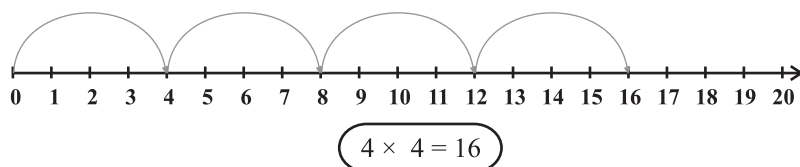
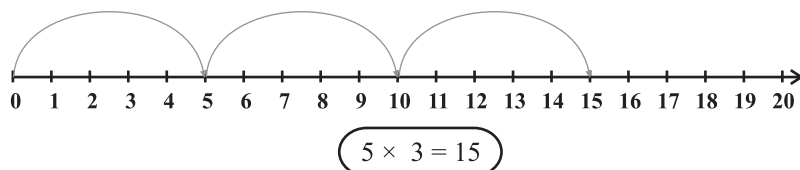
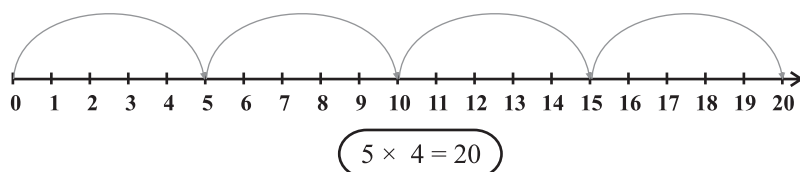
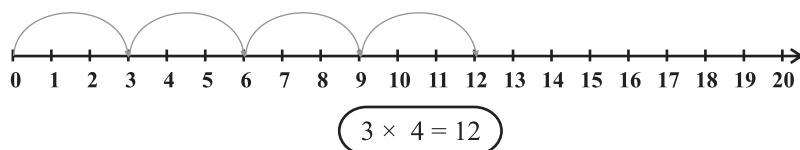
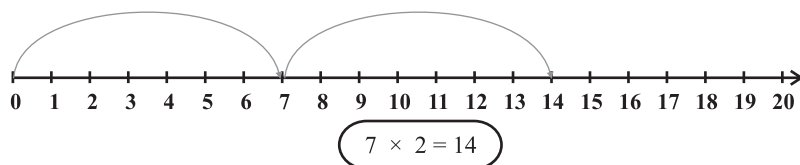
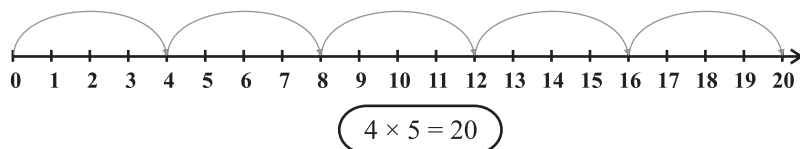

$$2 + 2 + 2 + 2 = 8$$

$$4 \times 2 = 8$$



Exercise - 8.2

1. Find the product by using the number line:



2. Observe and do as one is done for you:

$$4 + 4 + 4 + 4 = 4 \times 4 = 16$$

$$3 + 3 + 3 + 3 + 3 = 5 \times 3 = 15$$

$$5 + 5 + 5 + 5 + 5 + 5 = 6 \times 5 = 30$$

$$1 + 1 + 1 + 1 + 1 + 1 + 1 = 7 \times 1 = 7$$

$$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 9 \times 3 = 27$$

$$7 + 7 + 7 + 7 + 7 + 7 + 7 = 7 \times 7 = 49$$

$$8 + 8 + 8 + 8 = 4 \times 8 = 32$$

Exercise - 8.3

1. Fill in the boxes:

$$4 \times 8 = 32$$

$$6 \times 6 = 36$$

$$3 \times 9 = 27$$

$$2 \times 6 = 12$$

$$9 \times 8 = 72$$

$$4 \times 7 = 28$$

$$4 \times 6 = 24$$

$$3 \times 6 = 18$$

$$4 \times 8 = 32$$

$$3 \times 7 = 21$$

$$6 \times 5 = 30$$

$$3 \times 6 = 18$$

$$6 \times 4 = 24$$

$$6 \times 4 = 24$$

$$3 \times 3 = 9$$

$$6 \times 3 = 18$$

$$7 \times 3 = 21$$

$$7 \times 6 = 42$$

$$8 \times 3 = 24$$

$$9 \times 4 = 36$$

$$4 \times 4 = 16$$

$$8 \times 9 = 72$$

$$10 \times 6 = 60$$

$$6 \times 6 = 36$$

$$4 \times 9 = 36$$

$$7 \times 6 = 42$$

$$6 \times 9 = 54$$

$$8 \times 4 = 32$$

$$3 \times 9 = 27$$

$$6 \times 8 = 48$$

Exercise - 8.4

1. Fill in the blanks:

$$4 \times 0 = 0$$

$$3 \times 1 = 3$$

$$3 \times 5 = 15$$

$$5 \times 6 = 30$$

$$9 \times 0 = 0$$

$$14 \times 1 = 14$$

$$5 \times 3 = 15$$

$$6 \times 5 = 30$$

$$13 \times 0 = 0$$

$$22 \times 1 = 22$$

$$4 \times 6 = 24$$

$$8 \times 2 = 16$$

$$7 \times 3 = 21$$

$$8 \times 3 = 24$$

$$13 \times 0 = 0$$

$$12 \times 2 = 24$$

$$4 \times 8 = 32$$

$$9 \times 2 = 18$$

$$19 \times 3 = 57$$

$$13 \times 5 = 65$$

$$11 \times 8 = 88$$

$$21 \times 2 = 42$$

$$7 \times 7 = 49$$

$$10 \times 2 = 20$$

2. Multiply and find the product:

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 24 \\ \times 2 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 17 \\ \times 2 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 22 \\ \times 4 \\ \hline 88 \end{array}$$

$\begin{array}{r} 20 \\ \times 4 \\ \hline 80 \end{array}$	$\begin{array}{r} 30 \\ \times 3 \\ \hline 90 \end{array}$	$\begin{array}{r} 32 \\ \times 2 \\ \hline 64 \end{array}$	$\begin{array}{r} 21 \\ \times 2 \\ \hline 42 \end{array}$	$\begin{array}{r} 31 \\ \times 2 \\ \hline 62 \end{array}$
$\begin{array}{r} 32 \\ \times 3 \\ \hline 96 \end{array}$	$\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$	$\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$	$\begin{array}{r} 14 \\ \times 2 \\ \hline 28 \end{array}$	$\begin{array}{r} 21 \\ \times 3 \\ \hline 63 \end{array}$
$\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$	$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$	$\begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array}$	$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$	$\begin{array}{r} 22 \\ \times 3 \\ \hline 66 \end{array}$

Exercise - 8.5

1. Find the product:

$\begin{array}{r} ② \\ 14 \\ \times 6 \\ \hline 84 \end{array}$	$\begin{array}{r} ① \\ 22 \\ \times 7 \\ \hline 154 \end{array}$	$\begin{array}{r} ② \\ 25 \\ \times 5 \\ \hline 125 \end{array}$	$\begin{array}{r} ③ \\ 26 \\ \times 5 \\ \hline 130 \end{array}$	$\begin{array}{r} ① \\ 38 \\ \times 2 \\ \hline 76 \end{array}$
$\begin{array}{r} ③ \\ 17 \\ \times 5 \\ \hline 85 \end{array}$	$\begin{array}{r} ③ \\ 15 \\ \times 7 \\ \hline 105 \end{array}$	$\begin{array}{r} ③ \\ 16 \\ \times 5 \\ \hline 80 \end{array}$	$\begin{array}{r} ① \\ 22 \\ \times 5 \\ \hline 110 \end{array}$	$\begin{array}{r} ① \\ 23 \\ \times 6 \\ \hline 138 \end{array}$
$\begin{array}{r} ② \\ 26 \\ \times 4 \\ \hline 104 \end{array}$	$\begin{array}{r} ③ \\ 25 \\ \times 6 \\ \hline 130 \end{array}$	$\begin{array}{r} ③ \\ 35 \\ \times 7 \\ \hline 245 \end{array}$	$\begin{array}{r} ③ \\ 24 \\ \times 8 \\ \hline 192 \end{array}$	$\begin{array}{r} ② \\ 37 \\ \times 4 \\ \hline 148 \end{array}$

2. Find the product :

$$9 \times 1 = 9$$

$$1 \times 12 = 12$$

$$1 \times 6 = 6$$

$$3 \times 1 = 3$$

$$16 \times 1 = 16$$

$$10 \times 1 = 10$$

$$1 \times 15 = 15$$

$$1 \times 14 = 14$$

$$1 \times 7 = 7$$

$$1 \times 8 = 8$$

$$9 \times 1 = 9$$

$$17 \times 1 = 17$$

3. Find the product :

$$9 \times 0 = 0$$

$$21 \times 1 = 21$$

$$0 \times 19 = 0$$

$$5 \times 0 = 0$$

$$15 \times 0 = 0$$

$$1 \times 50 = 50$$

$$1 \times 14 = 14$$

$$20 \times 0 = 0$$

$$13 \times 0 = 0$$

$$1 \times 28 = 28$$

$$3 \times 0 = 0$$

$$12 \times 0 = 0$$

4. Fill in the boxes:

$$5 \times 4 = 4 \times 5$$

$$6 \times 8 = 8 \times 6$$

$$2 \times 7 = 7 \times 2$$

$$9 \times 6 = 6 \times 9$$

$$8 \times 6 = 6 \times 8$$

$$6 \times 5 = 5 \times 6$$

$$4 \times 5 = 5 \times 4$$

$$2 \times 4 = 4 \times 2$$

Exercise - 8.6

- Number of lines in one page = 30
Number of lines in 14 pages = 30×14
= 420

Hence, 420 lines are in 14 pages.

- Number of toffees in one Packet = 76
Number of toffees in 5 packets = 76×5
= 380

hence, 380 toffees are in 5 packets.

- Number of apples in one basket = 65
Number of apples in 9 baskets = 65×9
= 585

Hence, 585 apples are in 9 baskets.

- Number of days in one week = 7
Number of days in 8 weeks = 7×8
= 56

Therefore, 56 days are in 8 weeks.

- Largest two digit number = 99
Largest one digit number = 9
 $\therefore$ Product of these numbers = 99×9
= 891

Hence, required product is 891.

Chapter 9 : Division

Exercise - 9.1

- $24 \div 4 = 6$ 6 6 6 6
- $12 \div 3 = 4$ 4 4 4
- $15 \div 3 = 5$ 5 5 5
- $20 \div 5 = 4$ 4 4 4 4 4

Exercise - 9.2

1. Divide by using multiplication table:

$36 \div 6 = 6$	$6 \times 6 = 36$	$32 \div 2 = 16$	$16 \times 2 = 32$
$28 \div 4 = 7$	$7 \times 4 = 28$	$21 \div 3 = 7$	$7 \times 3 = 21$
$35 \div 5 = 7$	$7 \times 5 = 35$	$30 \div 6 = 5$	$6 \times 5 = 30$
$24 \div 6 = 4$	$4 \times 6 = 24$	$48 \div 8 = 6$	$8 \times 6 = 48$
$15 \div 3 = 5$	$5 \times 3 = 15$	$49 \div 7 = 7$	$7 \times 7 = 49$
$63 \div 9 = 7$	$7 \times 9 = 63$	$27 \div 3 = 9$	$9 \times 3 = 27$
$40 \div 5 = 8$	$8 \times 5 = 40$	$25 \div 5 = 5$	$5 \times 5 = 25$

2. Divide by using multiplication table:

$72 \div 8 = 9$	$35 \div 5 = 7$
$81 \div 9 = 9$	$48 \div 8 = 6$
$36 \div 4 = 9$	$40 \div 5 = 8$
$63 \div 9 = 7$	$32 \div 4 = 8$
$45 \div 5 = 9$	$80 \div 8 = 10$
$90 \div 10 = 9$	$56 \div 7 = 8$
$49 \div 7 = 7$	$70 \div 7 = 10$
$42 \div 6 = 7$	$64 \div 8 = 8$

Exercise - 9.3

1. Fill in the boxes:

$\begin{array}{r} 5 \\ 7 \overline{) 35} \\ - 35 \\ \hline 0 \end{array}$	Dividend = 35 Divisor = 7 Quotient = 5 $35 = 5 \times 7$
---	---

$\begin{array}{r} 5 \\ 8 \overline{) 40} \\ - 40 \\ \hline 0 \end{array}$	Dividend = 40 Divisor = 8 Quotient = 5 $40 = 8 \times 5$
---	---

$\begin{array}{r} 9 \\ 5 \overline{) 45} \\ - 45 \\ \hline 0 \end{array}$	Dividend = 45 Divisor = 5 Quotient = 9 $45 = 5 \times 9$
---	---

$$\begin{array}{r} 6 \\ 6 \overline{) 36} \\ \underline{- 36} \\ 0 \end{array}$$

$$\begin{aligned} \text{Dividend} &= 36 \\ \text{Divisor} &= 6 \\ \text{Quotient} &= 6 \\ 36 &= 6 \times 6 \end{aligned}$$

$$\begin{array}{r} 5 \\ 5 \overline{) 25} \\ \underline{- 25} \\ 0 \end{array}$$

$$\begin{aligned} \text{Dividend} &= 25 \\ \text{Divisor} &= 5 \\ \text{Quotient} &= 5 \\ 25 &= 5 \times 5 \end{aligned}$$

$$\begin{array}{r} 7 \\ 3 \overline{) 21} \\ \underline{- 21} \\ 0 \end{array}$$

$$\begin{aligned} \text{Dividend} &= 21 \\ \text{Divisor} &= 3 \\ \text{Quotient} &= 7 \\ 21 &= 3 \times 7 \end{aligned}$$

2. Divide and find the quotient and the remainder in each case:

$$\begin{array}{r} 5 \\ 9 \overline{) 45} \\ \underline{- 45} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 5 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 2 \\ 6 \overline{) 12} \\ \underline{- 12} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 2 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 6 \\ 6 \overline{) 36} \\ \underline{- 36} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 6 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 7 \\ 8 \overline{) 56} \\ \underline{- 56} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 7 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 5 \\ 9 \overline{) 45} \\ \underline{- 45} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 5 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 8 \\ 9 \overline{) 72} \\ \underline{- 72} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 8 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 5 \\ 6 \overline{) 30} \\ \underline{- 30} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 5 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 6 \\ 7 \overline{) 42} \\ \underline{- 42} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 5 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 6 \\ 8 \overline{) 48} \\ \underline{- 48} \\ 0 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 5 \\ \text{Remainder} &= 0 \end{aligned}$$

$$\begin{array}{r} 13 \\ 3 \overline{) 40} \\ \underline{- 39} \downarrow \\ 10 \\ \underline{- 9} \\ 1 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 13 \\ \text{Remainder} &= 1 \end{aligned}$$

$$\begin{array}{r} 16 \\ 4 \overline{) 65} \\ \underline{- 64} \downarrow \\ 25 \\ \underline{- 24} \\ 1 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 16 \\ \text{Remainder} &= 1 \end{aligned}$$

$$\begin{array}{r} 7 \\ 5 \overline{) 36} \\ \underline{- 35} \\ 1 \end{array}$$

$$\begin{aligned} \text{Quotient} &= 7 \\ \text{Remainder} &= 1 \end{aligned}$$

$$\begin{array}{r} 6 \\ 4 \overline{) 27} \\ \underline{- 24} \\ 3 \end{array}$$

Quotient = 6
Remainder = 3

$$\begin{array}{r} 4 \\ 8 \overline{) 35} \\ \underline{- 32} \\ 3 \end{array}$$

Quotient = 4
Remainder = 3

$$\begin{array}{r} 4 \\ 9 \overline{) 36} \\ \underline{- 36} \\ 0 \end{array}$$

Quotient = 4
Remainder = 0

$$\begin{array}{r} 8 \\ 5 \overline{) 42} \\ \underline{- 40} \\ 2 \end{array}$$

Quotient = 8
Remainder = 2

Exercise - 9.4

1. To get the result divide 72 by 8.

Hence, he pasted the stamps on 9 pages.

$$\begin{array}{r} 9 \\ 8 \overline{) 72} \\ \underline{- 72} \\ 0 \end{array}$$

2. $\therefore$ Cost of 3 metres cloth = ₹ 96

$$\begin{aligned} \therefore \text{Cost of 1 metre cloth} &= ₹ 96 \div 3 \\ &= ₹ 32 \end{aligned}$$

Hence, the cost of one metre cloth is ₹ 32.

$$\begin{array}{r} 32 \\ 3 \overline{) 96} \\ \underline{- 91} \\ 06 \\ \underline{- 6} \\ 0 \end{array}$$

3. $\therefore$ Cost of 5 chocolates = ₹ 50

$$\begin{aligned} \therefore \text{Cost of one chocolates} &= ₹ 50 \div 5 \\ &= ₹ 10 \end{aligned}$$

Therefore, the cost of one chocolate is ₹ 10.

$$\begin{array}{r} 10 \\ 5 \overline{) 50} \\ \underline{- 50} \\ 00 \\ \underline{- 0} \\ 0 \end{array}$$

4. Total number of wheels in toy cars = 48

$$\text{Number of wheels in each car} = 4$$

$$\begin{aligned} \text{Number of toy cars} &= 48 \div 4 \\ &= 12 \end{aligned}$$

Hence, Amit has 12 toy cars.

$$\begin{array}{r} 12 \\ 4 \overline{) 48} \\ \underline{- 40} \\ 08 \\ \underline{- 8} \\ 0 \end{array}$$

5. The required benches = $45 \div 5$

$$= 9 \text{ benches}$$

Hence, 9 benches are required for 45 girls.

$$\begin{array}{r} 9 \\ 5 \overline{) 45} \\ \underline{- 45} \\ 0 \end{array}$$

Chapter 10 : Fractions

Do it yourself

Chapter 11 : Patterns

Do it yourself

Chapter 12 : Data Handling

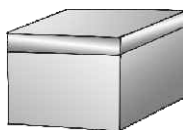
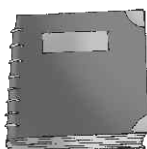
Exercise - 12.1

1. After observing the data answer the following:
 - (a) How many Lily plants do they see? 12
 - (b) How many Red roses do they see? 12
 - (c) How many plants of Marigold do they see? 25
 - (d) How many plants of Sunflower do they see? 8
 - (e) How many plants of White roses do they see? 6
 2. Read the information provided in the chart and answer the questions:
 - (a) How many boys voted in all? 59
 - (b) Who is the most popular among girls? Sunita Williams
 - (c) Who is the most popular among boys? APJ Abdul Kalam
 4. Answer these questions:
 - (a) 4 boys (b) No boys (c) May
 5. Look at the following weight chart and answer the questions:
 - (a) Raj (b) $(36 - 24)\text{kg} = 12\text{ kg}$ (c) Anita
-

Chapter 13 : Geometrical Shapes

Exercise - 13

1. Name the plane figures which you can trace from the given solid figures:



Chapter 14 : Weight

Exercise - 14.1

1. Tick the things which you can pick up easily:

- | | | | | | |
|------------|-----|-----------------|-----|------------|-----|
| (a) a pin | (✓) | (b) an apple | (✓) | (c) cake | (✓) |
| (d) pencil | (✓) | (e) rose flower | (✓) | (f) rabbit | (✓) |
| (g) parrot | (✓) | (h) tennis ball | (✓) | (i) lion | (✓) |

2. Mark the side which weights more (or heavier) :

Left side

Exercise - 14.2

1. Estimate the weight which is heavier:

- | | |
|--|---------------------|
| (a) A feather or a pencil. | pencil |
| (b) A2 - year old child or you. | you |
| (c) A cat or a lion. | lion |
| (d) A sack of rice or a packet of Kurkure. | sack of rice |
| (e) A banana or a papaya. | papaya |

2. Which is better unit to weigh these – 'g' or 'kg':



(g)



(kg)



(kg)



(g)

3. Name the object, whose weight is nearly equal to:

- | | | | |
|-----------|---------------|----------|---------------|
| (a) 20 g | Rubber | (b) 2 kg | Papaya |
| (c) 500 g | Bread | (d) 1 kg | Rice |
| (e) 50 g | Pen | | |

Chapter 15 : Capacity

Exercise - 15

1. Write the correct unit (l or ml) to measure the volume of these vessels:



ml



ml



l



l



ml



l



l

2. Which is the convenient unit to measure these, litre or millilitre?

- | | |
|------------------|-------------------|
| (a) Diesel | litre |
| (b) Health drink | millilitre |
| (c) Cooking oil | litre |
| (d) Juice | millilitre |
| (e) Milk | litre |

3. Complete the boxes:

Litre	One	Half	Quarter
Millilitre	1000	500	250

Chapter 16 : Length

Exercise - 16

1. Name the body part with which you can measure the following:

- A pencil **Centimetre**.
- Your bag **Centimetre**.
- Chocolate bar **Centimetre**.
- Length of your school board **metre**.
- Window of your room **metre**.
- Length of your book **centimetre**.

2. Which is the best suitable unit (m or cm) to measure these:

- | | |
|--------------------------------------|-----------|
| (a) The length of the room | m |
| (b) The length of roof | m |
| (c) The length of a bed | m |
| (d) The length of a dinning table | m |
| (e) The length of a school bag | cm |
| (f) The length of your reading table | cm |