

Grow with math (Book 2)

Chapter 1 Revision

Finding the Value

Write in short form:

8 tens and 1 one	81	7 tens and 6 ones	76
3 tens and 9 ones	39	5 tens and 6 ones	56
3 tens and 6 ones	36	4 tens and 8 ones	48
7 tens and 4 ones	74	9 tens and 6 ones	96
9 tens and 4 ones	94	8 tens and 5 ones	85
6 tens and 6 ones	66	6 tens and 1 one	61

Fill in the boxes :

7 tens + 4 ones = 74
8 tens + 6 ones = 86
2 tens + 6 ones = 26
5 tens + 9 ones = 59
6 tens + 7 ones = 67
3 tens + 2 ones = 32

Write in expended form:

29 = 2 tens + 9 ones
65 = 6 tens + 5 ones
79 = 7 tens + 9 ones
44 = 4 tens + 4 ones
17 = 1 ten + 7 ones
62 = 6 tens + 2 ones

Fill in the blanks:

In 99 the digit 9 stands for 9 **tens** and digit 9 stands for 9 **ones**

In 87 the digit 8 stands for 8 **tens** and digit 7 stands for 7 **ones**

In 35 the digit 3 stands for 3 **tens** and digit 5 stands for 5 **ones**

In 52 the digit 5 stands for 5 **tens** and digit 2 stands for 2 **ones**

Fill in the blanks :

Numbers	Tens	Ones	Significance
55	5	5	50 + 5
33	3	3	30 + 3
56	5	6	50 + 6
45	4	5	40 + 5
21	2	1	20 + 1
59	5	9	50 + 9
14	1	4	10 + 4

Fill in the blanks:

19 = 10 + 9	81 = 80 + 1	14 = 10 + 4
24 = 20 + 4	99 = 90 + 9	36 = 30 + 6
49 = 40 + 9	76 = 70 + 6	51 = 50 + 1
48 = 40 + 8	56 = 50 + 6	22 = 20 + 2

$27 = 20 + 7$

$36 = 30 + 6$

$29 = 20 + 9$

$60 = 60 + 0$

$42 = 40 + 2$

$96 = 90 + 6$

Add the following:

$10 + 10 = 20$

$30 + 10 = 40$

$60 + 10 = 70$

$10 + 20 = 30$

$30 + 20 = 50$

$60 + 20 = 80$

$10 + 30 = 40$

$40 + 10 = 50$

$60 + 30 = 90$

$20 + 10 = 30$

$40 + 20 = 60$

$70 + 10 = 80$

$20 + 20 = 40$

$50 + 10 = 60$

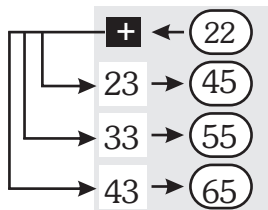
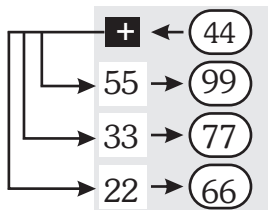
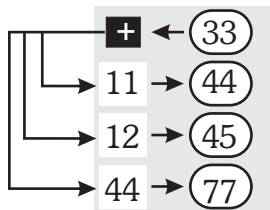
$70 + 20 = 90$

$20 + 30 = 50$

$50 + 20 = 70$

$80 + 10 = 90$

Add the numbers and write the sum in the boxes:



Add the following:

$$\begin{array}{r} 53 \\ + 34 \\ \hline 87 \end{array}$$

$$\begin{array}{r} 11 \\ + 52 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 22 \\ + 66 \\ \hline 88 \end{array}$$

$$\begin{array}{r} 24 \\ + 32 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 56 \\ + 21 \\ \hline 77 \end{array}$$

$$\begin{array}{r} 12 \\ + 31 \\ \hline 43 \end{array}$$

$$\begin{array}{r} 18 \\ + 20 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 73 \\ + 10 \\ \hline 83 \end{array}$$

$$\begin{array}{r} 39 \\ + 10 \\ \hline 49 \end{array}$$

$$\begin{array}{r} 23 \\ + 13 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 36 \\ + 23 \\ \hline 59 \end{array}$$

$$\begin{array}{r} 63 \\ + 25 \\ \hline 88 \end{array}$$

$$\begin{array}{r} 45 \\ + 34 \\ \hline 79 \end{array}$$

$$\begin{array}{r} 53 \\ + 22 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 33 \\ + 33 \\ \hline 66 \end{array}$$

Subtract and fill in the boxes:

$80 - 10 = 70$

$70 - 50 = 20$

$50 - 30 = 20$

$90 - 30 = 60$

$30 - 20 = 10$

$50 - 50 = 0$

$50 - 30 = 20$

$70 - 30 = 40$

$40 - 10 = 30$

$90 - 40 = 50$

$70 - 40 = 30$

$40 - 30 = 10$

$90 - 90 = 0$

$70 - 70 = 0$

$40 - 40 = 0$

$80 - 60 = 20$

$80 - 20 = 60$

$30 - 30 = 0$

$60 - 40 = 20$

$80 - 10 = 70$

$50 - 10 = 40$

$60 - 20 = 40$

$60 - 30 = 30$

$90 - 60 = 30$

$60 - 10 = 50$

$30 - 10 = 20$

$30 - 30 = 0$

$20 - 10 = 10$

$20 - 20 = 20$

$10 - 10 = 0$

Subtract the following :

$$\begin{array}{r} 86 \\ - 53 \\ \hline 33 \end{array}$$

$$\begin{array}{r} 67 \\ - 24 \\ \hline 43 \end{array}$$

$$\begin{array}{r} 79 \\ - 22 \\ \hline 57 \end{array}$$

$$\begin{array}{r} 86 \\ - 42 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 36 \\ - 14 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 85 \\ - 83 \\ \hline 03 \end{array}$$

$$\begin{array}{r} 36 \\ - 13 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 66 \\ - 35 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 67 \\ - 27 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 86 \\ - 34 \\ \hline 52 \end{array}$$

$$\begin{array}{r} 77 \\ - 54 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 48 \\ - 36 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 95 \\ - 33 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 78 \\ - 26 \\ \hline 52 \end{array}$$

$$\begin{array}{r} 47 \\ - 25 \\ \hline 22 \end{array}$$

Multiply the following:

$$\begin{array}{r} \times 2 \\ 9 \quad 18 \\ 8 \quad 16 \\ 7 \quad 14 \\ 6 \quad 12 \\ 5 \quad 10 \\ 4 \quad 8 \\ 3 \quad 6 \\ 2 \quad 4 \\ 1 \quad 2 \end{array}$$

$$\begin{array}{r} \times 3 \\ 9 \quad 27 \\ 8 \quad 24 \\ 7 \quad 21 \\ 6 \quad 18 \\ 5 \quad 15 \\ 4 \quad 12 \\ 3 \quad 9 \\ 2 \quad 6 \\ 1 \quad 3 \end{array}$$

$$\begin{array}{r} \times 4 \\ 9 \quad 36 \\ 8 \quad 32 \\ 7 \quad 28 \\ 6 \quad 24 \\ 5 \quad 20 \\ 4 \quad 16 \\ 3 \quad 12 \\ 2 \quad 8 \\ 1 \quad 4 \end{array}$$

Divide the following :

$10 \div 2 = 5$

$8 \div 2 = 4$

$15 \div 3 = 5$

$16 \div 4 = 4$

$15 \div 5 = 3$

$18 \div 3 = 6$

$12 \div 4 = 3$

$24 \div 3 = 8$

$21 \div 7 = 3$

$35 \div 7 = 5$

$32 \div 8 = 4$

$56 \div 8 = 7$

$45 \div 9 = 5$

$48 \div 6 = 8$

$72 \div 9 = 8$

$88 \div 11 = 8$

$64 \div 8 = 8$

$49 \div 7 = 7$

$9 \div 3 = 3$

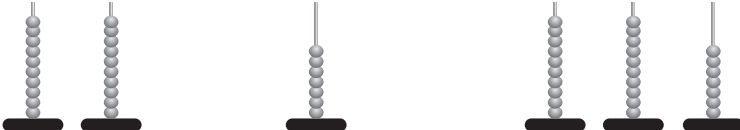
$36 \div 6 = 6$

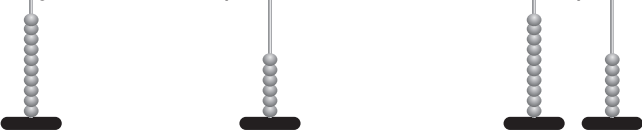
$21 \div 3 = 7$

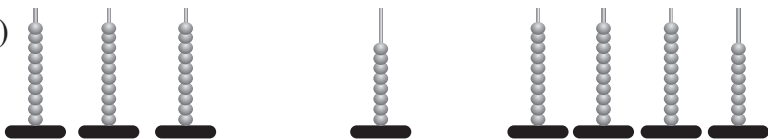
Chapter 2 : Tens and Ones

Exercise - 2.1

1. Count the number of Ones and Tens and write the numerals:

(a) 
 2 Tens + 7 Ones = 27
 20 + 7 = 27

(b) 
 1 Tens + 6 Ones = 16
 10 + 6 = 16

(c) 
 3 Tens + 8 Ones = 38
 30 + 8 = 38

2. Write the number names for given numerals:

- (a) $40 + 6 = 46$ Read as **Forty six**
 (b) $32 + 1 = 33$ Read as **Thirty-three**
 (c) $20 + 1 = 21$ Read as **twenty-one**
 (d) $15 + 1 = 16$ Read as **Sixteen**
 (e) $21 + 1 = 22$ Read as **Twenty-two**

3. Write the number names for given numerals:

- (a) 56 Fifty-six (b) 16 sixteen
 (c) 45 Forty-five (d) 29 Twenty-nine
 (e) 86 Eighty-six (f) 93 Ninety-three
 (g) 28 Twenty-eight (h) 69 Sixty-nine

Counting

Now it is your turn. Fill in the circle:

- (a) 48 46 44 **42** 40 38 36
(b) 36 39 42 **45** 48 51 53
(c) 29 31 33 **35** 37 39 41
(d) 20 30 40 **50** 60 70 80

Exercise - 1.2

1. Write the number names:

- (a) 3 Tens and 4 Ones **34** **Thirty-four**
(b) 5 Tens and 1 One **51** **Fifty-one**
(c) 8 Tens and 2 Ones **82** **Eighty-two**
(d) 6 Tens and 5 Ones **65** **Sixty-five**

2. Write number of Tens and Ones in the following numbers.
First one is done for you:

- (a) 72 **7 Tens and 2 Ones**
(b) 52 **5 Tens and 2 Ones**
(c) 59 **5 Tens and 9 Ones**
(d) 76 **7 Tens and 6 Ones**
(e) 49 **4 Tens and 9 Ones**

3. Expand the following numbers:

- (a) $36 = 30 + 6$ (b) $49 = 40 + 9$
(c) $27 = 20 + 7$ (d) $33 = 30 + 3$
(e) $42 = 40 + 2$ (f) $59 = 50 + 9$
(g) $56 = 50 + 6$ (h) $38 = 30 + 8$

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 ninety-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 ninety-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 =

H
2

T
1

O
1
- (b) 236 =

H
2

T
3

O
6
- (c) 321 =

H
3

T
2

O
1
- (d) 521 =

H
5

T
2

O
1

(e) 425 =	H 4	T 2	O 5	(f) 934 =	H 9	T 3	O 4
(g) 955 =	H 9	T 5	O 5	(h) 754 =	H 7	T 5	O 4
(i) 475 =	H 4	T 7	O 5	(j) 304 =	H 3	T 0	O 4

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

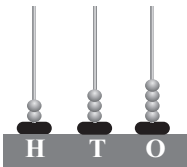
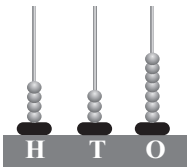
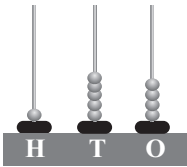
439 438 437 **436** **435** 434 433

939 935 934 **933** **932** 931 930

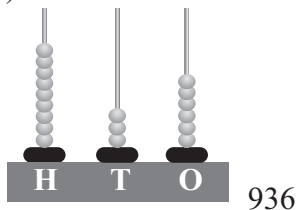
188 187 186 **185** **184** 183 182

Exercise - 3.2

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

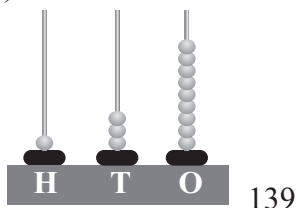
	Abacus	Numerals	Number names
(a)		234	Two hundred thirty-four
(b)		437	Four hundred thirty-seven
(c)		154	One hundred fifty four

(d)



Nine hundred thirty six

(e)



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) $149 = 1 \text{ hundreds} + 4 \text{ tens} + 9 \text{ ones}$
 $= 100 + 40 + 9$
 (b) $249 = 2 \text{ hundreds} + 4 \text{ tens} + 9 \text{ ones}$
 $= \mathbf{200} + \mathbf{40} + \mathbf{9}$
 (c) $702 = 7 \text{ hundreds} + 0 \text{ tens} + 2 \text{ ones}$
 $= \mathbf{700} + \mathbf{0} + \mathbf{2}$
 (d) $434 = 4 \text{ hundreds} + 3 \text{ tens} + 4 \text{ ones}$
 $= \mathbf{400} + \mathbf{30} + \mathbf{4}$
 (e) $540 = 5 \text{ hundreds} + 4 \text{ tens} + 0 \text{ ones}$
 $= \mathbf{500} + \mathbf{40} + \mathbf{0}$

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 - 2.8

1. Encircle the greatest numbers:

- | | | | | | | |
|-----|-----|-----|------------|------------|------------|-----|
| (a) | 456 | 465 | 564 | 546 | <u>654</u> | 645 |
| (b) | 236 | 263 | <u>632</u> | 623 | 326 | 362 |
| (c) | 214 | 241 | 142 | <u>421</u> | 412 | 124 |
| (d) | 156 | 165 | <u>651</u> | 615 | 516 | 561 |
| (e) | 234 | 342 | 324 | 243 | <u>432</u> | 423 |

2. Encircle the smallest numbers:

- | | | | | | | |
|-----|------------|------------|------------|-----|------------|------------|
| (a) | 317 | 713 | 371 | 731 | 173 | <u>137</u> |
| (b) | 293 | <u>239</u> | 392 | 329 | 923 | 932 |
| (c) | 691 | 916 | 619 | 961 | <u>169</u> | 196 |
| (d) | <u>237</u> | 732 | 723 | 273 | 372 | 327 |
| (e) | 641 | 416 | <u>146</u> | 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 | 129 | 921 |
| (g) | 2, 2, 1 | 122 | 221 |

Chapter 4 : Even and Odd Number

Exercise - 4

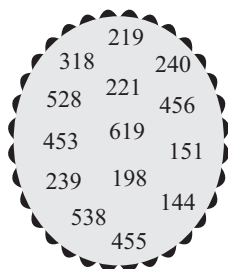
1. Encircle the even numbers:

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

2. Encircle the odd numbers:

- (a) 312 330 (231) 512
 (b) 420 316 (259) 332
 (c) 226 (293) 388 524
 (d) 458 378 210 (313)
 (e) 770 (113) 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 5 : Ordinal Number

Exercise - 5

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 6 : Addition

Exercise - 6.1

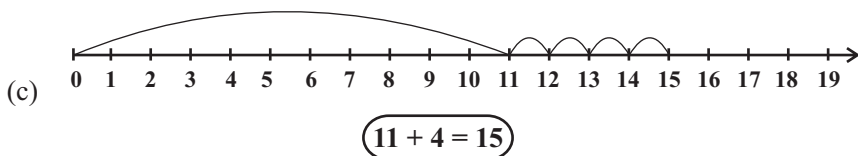
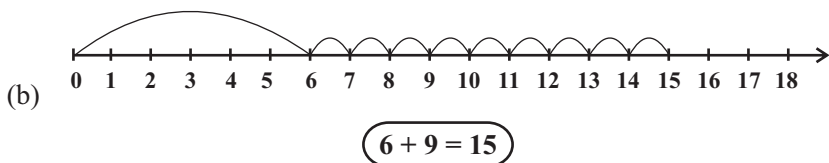
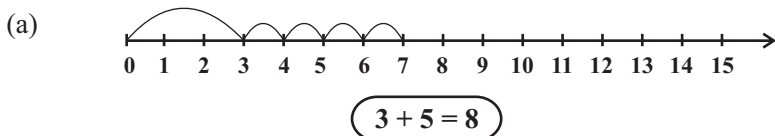
Add

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

$22 + 4 = 26$	$4 + 25 = 29$	$12 + 13 = 25$
$15 + 12 = 27$	$11 + 14 = 25$	$6 + 15 = 21$
$22 + 11 = 33$	$33 + 10 = 43$	$10 + 22 = 32$
$23 + 12 = 35$	$55 + 22 = 77$	$18 + 41 = 59$
$42 + 10 = 52$	$23 + 25 = 48$	$33 + 21 = 54$

Exercise - 5.2

Find the sum on number line:



Exercise - 6.3

1. Find the sum:

T	O
5	2
+	3 6
$8 \ 8$	

T	O
8	3
+	2 6
$1 \ 0 \ 9$	

T	O
4	5
+	5 4
$9 \ 9$	

T	O
6	2
+	3 5
$9 \ 7$	

T	O
4	1
+	1 5
$5 \ 6$	

T	O
7	3
+	2 4
$9 \ 7$	

T	O
9	6
+	4 3
$1 \ 3 \ 9$	

T	O
3	8
+	5 1
$8 \ 9$	

$$\begin{array}{r} \text{T O} \\ 33 \\ + 14 \\ \hline 47 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 15 \\ + 22 \\ \hline 37 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 51 \\ + 34 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 92 \\ + 35 \\ \hline 127 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 36 \\ + 51 \\ \hline 87 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 24 \\ + 31 \\ \hline 55 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 25 \\ + 23 \\ \hline 48 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 25 \\ + 51 \\ \hline 76 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 57 \\ + 22 \\ \hline 79 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 64 \\ + 42 \\ \hline 106 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 55 \\ + 24 \\ \hline 79 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 50 \\ + 35 \\ \hline 85 \end{array}$$

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

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

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

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

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

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

$$\text{Number of apples} = 30$$

$$\text{Number of mangoes} = 47$$

$$\text{Total} = \boxed{77} \text{ Fruits}$$

Hence, 77 fruits are in the basket.

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

$$\text{Number of Pencils} = 15$$

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

$$\text{Total} = \boxed{42}$$

Hence, Himanshu has 42 items.

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

$$\text{Number of students in first shift} = 584$$

$$\text{Number of students in second shift} = 412$$

$$\text{Total} = \boxed{996}$$

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?

$$\begin{array}{r} \text{Number of toffees in two packets} = 48 \\ \text{Number of toffees in third packet} = + 64 \\ \hline \text{Total} = 112 \end{array}$$

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:

$22 - 3 = 19$

$47 - 2 = 45$

$48 - 5 = 43$

$52 - 6 = 46$

$67 - 5 = 62$

$85 - 2 = 83$

$99 - 6 = 93$

$49 - 8 = 41$

$80 - 9 = 71$

$77 - 7 = 70$

$77 - 4 = 73$

$93 - 7 = 86$

$71 - 4 = 67$

$41 - 7 = 34$

$71 - 4 = 67$

$93 - 8 = 85$

$44 - 7 = 37$

$27 - 4 = 23$

$77 - 2 = 75$

$79 - 5 = 74$

$44 - 7 = 37$

$72 - 7 = 65$

$40 - 9 = 31$

$74 - 4 = 70$

$94 - 7 = 87$

$77 - 2 = 73$

$21 - 4 = 17$

$79 - 3 = 76$

$94 - 4 = 90$

$94 - 7 = 87$

$77 - 7 = 70$

$44 - 7 = 37$

$70 - 4 = 66$

$33 - 3 = 30$

$77 - 6 = 71$

$42 - 7 = 35$

$44 - 4 = 40$

$79 - 7 = 72$

$47 - 9 = 38$

$44 - 7 = 37$

$74 - 3 = 71$

$94 - 9 = 85$

$37 - 2 = 35$

$49 - 4 = 45$

$71 - 9 = 62$

$47 - 2 = 45$

$77 - 3 = 74$

$44 - 3 = 41$

$91 - 4 = 87$

$77 - 7 = 70$

$49 - 7 = 42$

$90 - 7 = 83$

$70 - 3 = 67$

$20 - 4 = 16$

$79 - 5 = 74$

$23 - 4 = 19$

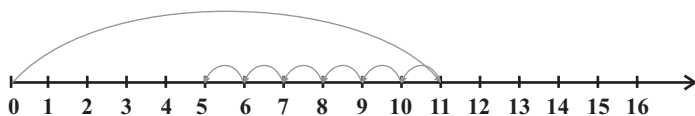
$74 - 7 = 67$

$37 - 3 = 34$

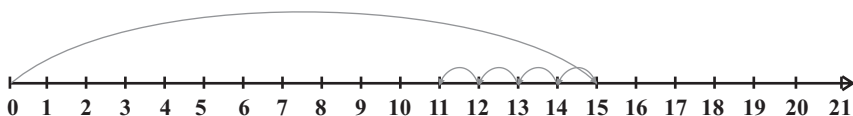
$27 - 6 = 21$

$99 - 7 = 92$

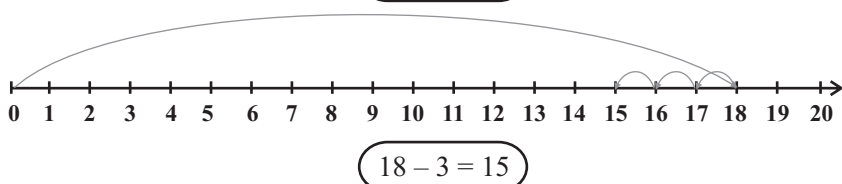
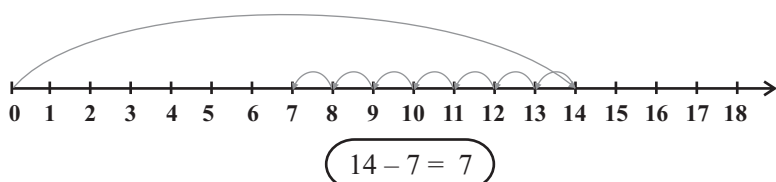
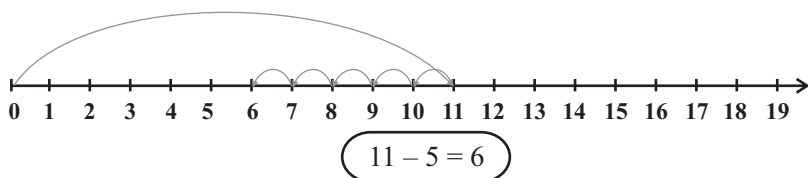
Exercise - 7.2



$11 - 6 = 5$



$15 - 4 = 11$



Exercise - 7.3

1. Write the relationship displayed in the circle:

	$17 + 8 = 25$		$28 + 6 = 34$
(a)	$\begin{array}{r} 25 \\ - \\ 17 + 8 \end{array}$	(b)	$\begin{array}{r} 34 \\ - \\ 28 + 6 \end{array}$
	$25 - 7 = 18$		$34 - 8 = 26$
	$25 - 18 = 7$		$34 - 26 = 8$

	$5 + 10 = 15$		$26 + 7 = 33$
(c)	$\begin{array}{r} 15 \\ - \\ 5 + 10 \end{array}$	(d)	$\begin{array}{r} 33 \\ - \\ 26 + 7 \end{array}$
	$15 - 10 = 5$		$33 - 6 = 27$
	$15 - 5 = 10$		$33 - 27 = 6$

Exercise - 7.4

1. Subtract :

$\begin{array}{r} \text{T O} \\ 7 \ 7 \\ - 2 \ 5 \\ \hline 5 \ 2 \end{array}$	$\begin{array}{r} \text{T O} \\ 5 \ 4 \\ - 2 \ 1 \\ \hline 3 \ 3 \end{array}$	$\begin{array}{r} \text{T O} \\ 9 \ 2 \\ - 5 \ 1 \\ \hline 4 \ 1 \end{array}$	$\begin{array}{r} \text{T O} \\ 7 \ 8 \\ - 4 \ 5 \\ \hline 3 \ 3 \end{array}$
$\begin{array}{r} \text{T O} \\ 5 \ 5 \\ - 2 \ 3 \\ \hline 3 \ 2 \end{array}$	$\begin{array}{r} \text{T O} \\ 2 \ 9 \\ - 2 \ 8 \\ \hline 0 \ 1 \end{array}$	$\begin{array}{r} \text{T O} \\ 3 \ 8 \\ - 2 \ 5 \\ \hline 1 \ 3 \end{array}$	$\begin{array}{r} \text{T O} \\ 9 \ 8 \\ - 5 \ 4 \\ \hline 4 \ 4 \end{array}$

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

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:

$$\begin{array}{r} \text{H T O} \\ 459 \\ - 57 \\ \hline 402 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 455 \\ - 24 \\ \hline 431 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 499 \\ - 66 \\ \hline 433 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 656 \\ - 33 \\ \hline 623 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 278 \\ - 45 \\ \hline 233 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 356 \\ - 44 \\ \hline 312 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 548 \\ - 34 \\ \hline 514 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 398 \\ - 72 \\ \hline 326 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 179 \\ - 56 \\ \hline 123 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 257 \\ - 34 \\ \hline 223 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 548 \\ - 34 \\ \hline 514 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 398 \\ - 72 \\ \hline 326 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 164 \\ - 53 \\ \hline 111 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 156 \\ - 24 \\ \hline 132 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 374 \\ - 52 \\ \hline 322 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 189 \\ - 56 \\ \hline 133 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 269 \\ - 63 \\ \hline 206 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 656 \\ - 24 \\ \hline 632 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 384 \\ - 92 \\ \hline 292 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 989 \\ - 96 \\ \hline 893 \end{array}$$

Exercise - 7.7

1. Estimate the difference:

$$\begin{array}{r} 99 \rightarrow 100 \\ - 61 \rightarrow - 60 \\ \hline 38 \quad 40 \end{array}$$

$$\begin{array}{r} 83 \rightarrow 80 \\ - 29 \rightarrow - 30 \\ \hline 54 \quad 50 \end{array}$$

$$\begin{array}{r} 29 \rightarrow 30 \\ - 21 \rightarrow - 20 \\ \hline 08 \quad 10 \end{array}$$

$$\begin{array}{r} 88 \rightarrow 90 \\ - 22 \rightarrow - 20 \\ \hline 66 \quad 70 \end{array}$$

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

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

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

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

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

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

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

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

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. 658 trees were cut to widen the road. How many trees are left?

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

$$\text{Number of trees were cut} = -658$$

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

Therefore, 60 trees are left.

Chapter 8 : Multiplication

Exercise - 8.1

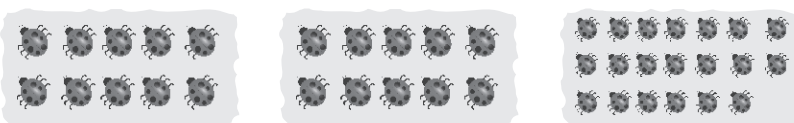
1. Count the objects and fill in the boxes:



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

$$4 \times 4 = 16$$


$$5 + 5 + 5 = 15$$

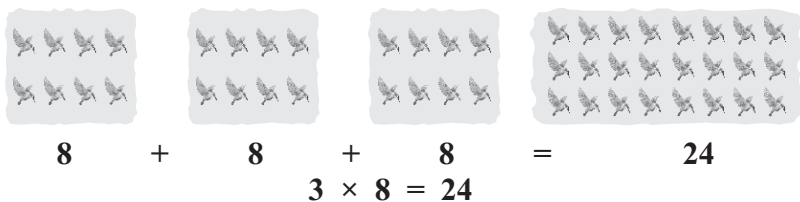
$$3 \times 5 = 15$$


$$10 + 10 = 20$$

$$2 \times 10 = 20$$

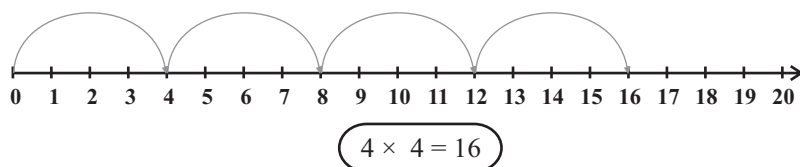
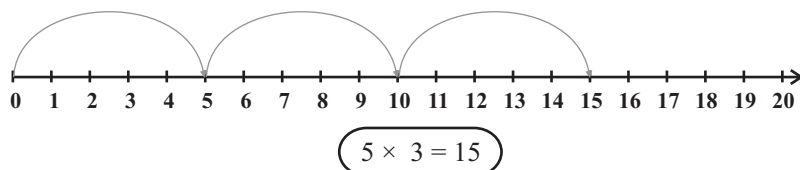
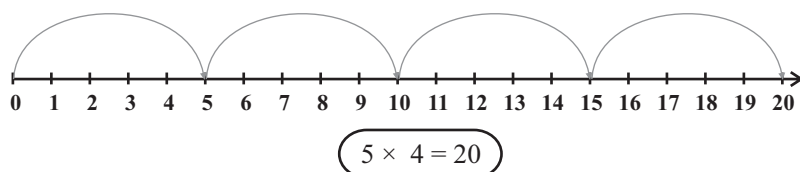
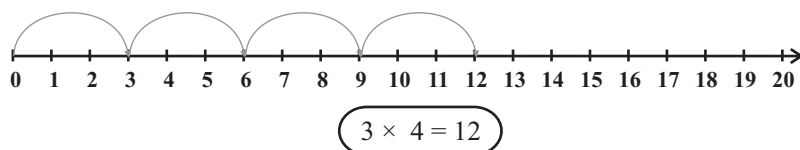
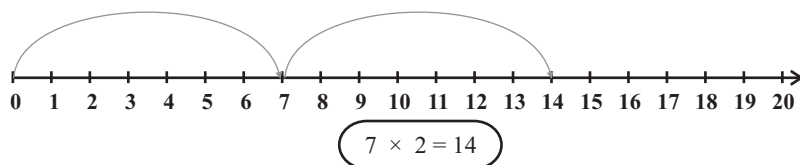
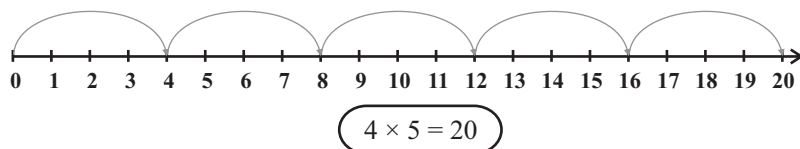

$$2 + 2 + 2 + 2 = 8$$

$$4 \times 2 = 8$$



Exercise - 8.2

1. Find the product by using the number line:



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

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

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

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

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

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

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

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

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 - 7.5

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 a 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:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{array}{r} 13 \\ 3 \overline{) 40} \\ \underline{- 30} \downarrow \\ 10 \\ \underline{- 9} \\ 1 \end{array}$$

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

$$\begin{array}{r} 16 \\ 4 \overline{) 65} \\ \underline{- 40} \downarrow \\ 25 \\ \underline{- 24} \\ 1 \end{array}$$

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

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

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

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

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 11 : Weight

Exercise - 11.1

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 - 11.2

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 12 : Capacity

Exercise - 12

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 13 : Length

Exercise - 13

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 |

Chapter 15 : Data Handling

Exercise - 15.1

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 16 : Geometrical Shapes

Exercise - 16

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

