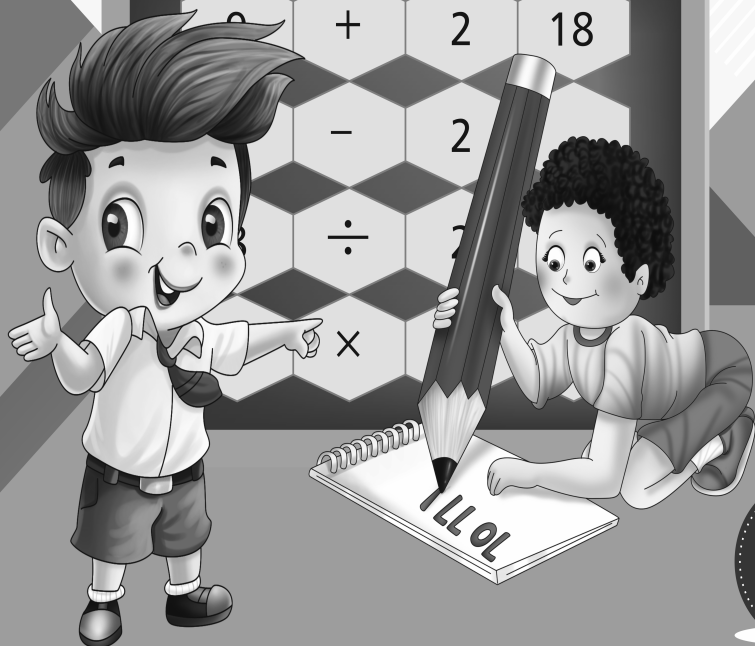


Tim@x[®]

Maths Magic

NEP 2020
ENHANCED
EDITION

Teacher Manual



1

MATHS

CLASS 1

CHAPTER 01

- Ex. 1.1.** Do Yourself **Ex. 1.2.** H, L, H, L
Ex. 1.3. Do Yourself **Ex. 1.4.** Do Yourself
Ex. 1.5. Do Yourself **Ex. 1.6.** Do Yourself
Worksheet Do yourself

CHAPTER 02

- | | |
|----------------|----------------|
| Ex. 2.1 | Ex. 2.2 |
| 3—Three | L, M |
| 7—Seven | M, L |
| 4—Four | |
| 1—One | |
| 2—Two | |
| 6—Six | |
| 8—Eight | |

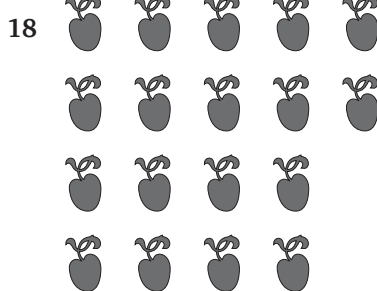
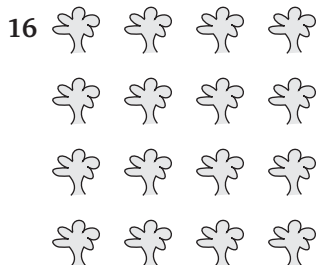
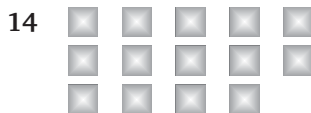
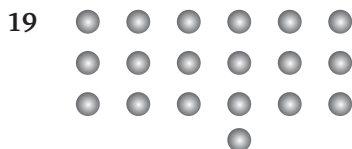
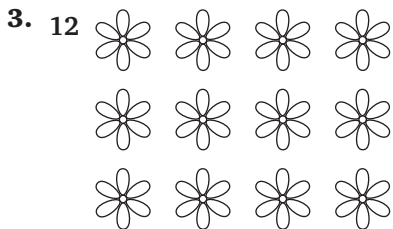
CHAPTER 03

E.x. 3.1

- | | | | |
|---------|------|----|------|
| 1. (11) | 18 | 19 | (14) |
| 15 | (11) | 12 | (4) |
| 19 | (5) | 14 | (10) |
| (6) | 11 | | |

2. Bigger Number

16 14
18 20



E.X. 3.2

1. Ascending order

4, 8, 9, 12, 15, 16

8, 9, 13, 14, 16, 18

4, 12, 13, 16, 19

2. Descending order

19, 18, 16, 14, 9, 5

20, 15, 14, 12, 8, 5

18, 16, 11, 6, 4, 3

3. 18, 9, 12,

7, 17, 12,

14, 10

4. Nine—9

Twelve—12

Eight—8

Twenty—20

Sixteen—16

Thirteen—13

Eleven—11

Ten—10

Two—2

Worksheet Do Yourself

CHAPTER 04

E.X. 4.1

1. 4 and 4 are 4 are

$4 + 4 = \boxed{8}$

5 and 2 are

$5 + 2 = \boxed{7}$

4 and 3 are

$4 + 3 = \boxed{7}$

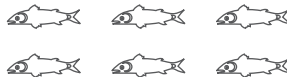
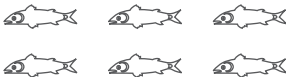
2. 4 and 2

$4 + 2 = 6$



3. 3 and 3

$3 + 3 = 6$



6 and 1 $\boxed{7}$



$$6 + 1 = 7$$



Beat the clock

$$0 + 9 = \underline{9}$$

$$1 + \underline{8} = 9$$

$$2 + 7 = \underline{9}$$

$$3 + 6 = 9$$

$$4 + 5 = 9$$

$$\underline{5} + 4 = 9$$

$$6 + \underline{3} = 9$$

E.X. 4.2

1.

4
+3
7

Now, she has $\boxed{7}$ Pens

2.

6
+3
9

I saw $\boxed{9}$ Kites

3.

4
+3
7

There are $\boxed{7}$ butterflies

4.

6
+2
8

There are 8 spoons in all

$$\begin{array}{r} 5. \quad 2 \\ +3 \\ \hline 5 \end{array}$$

Together they have 5 bananas

$$\begin{array}{r} 6. \quad 3 \\ +4 \\ \hline 7 \end{array}$$

There are 7 glasses in all

E.X. 4.3

$$\begin{array}{l} 1. \quad 5 + 7 \longrightarrow 12 \\ \quad 9 + 8 \longrightarrow 17 \end{array}$$

$$7 + 7 \longrightarrow 14$$

$$6 + 9 \longrightarrow 15$$

$$\begin{array}{r} 2. \quad 8 \\ +3 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 3. \quad (a) \quad 6 \\ +5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} (b) \quad 7 \\ +8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} (c) \quad 7 \\ +7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} (d) \quad 8 \\ +8 \\ \hline 16 \end{array}$$

Beat the clock

$$\begin{array}{r} (1) \quad 11 \\ +7 \\ \hline 18 \end{array}$$

$$\begin{array}{r} (4) \quad 13 \\ +6 \\ \hline 19 \end{array}$$

$$\begin{array}{r} (3) \quad 18 \\ +1 \\ \hline 19 \end{array}$$

$$\begin{array}{r} (4) \quad 13 \\ +2 \\ \hline 15 \end{array}$$

$$\begin{array}{r} (5) \quad 14 \\ +4 \\ \hline 18 \end{array}$$

E.X. 4.4

$$1. \quad (a) \quad 12 + 3 = 15$$

$$(b) \quad 16 + 4 = 20$$

$$(c) \quad 3 + 8 = 11$$

$$\begin{array}{r} 2. \quad (a) \quad 17 \\ +5 \\ \hline 22 \end{array}$$

$$\begin{array}{r} (b) \quad 12 \\ +5 \\ \hline 17 \end{array}$$

$$\begin{array}{r} (c) \quad 16 \\ +2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 11 \\ +7 \\ \hline 18 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 10 \\ +8 \\ \hline 18 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(f)} \quad 12 \\ +6 \\ \hline 18 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(g)} \quad 13 \\ +2 \\ \hline 15 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(h)} \quad 14 \\ +2 \\ \hline 16 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(i)} \quad 18 \\ +4 \\ \hline 22 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(j)} \quad 15 \\ +3 \\ \hline 18 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(k)} \quad 11 \\ +6 \\ \hline 17 \\ \hline \end{array}$$

E.X. 4.5

1. (a) $1 + 17 = 18$ (b) $1 + 18 = 19$ (c) $15 + 0 = 15$
(d) $12 + 1 = 13$ (e) $0 + 17 = 17$ (f) $13 + 0 = 13$
(g) $16 + 0 = 16$ (h) $14 + 1 = 15$
2. (b) $11 + 4 = 15$ is same as $4 + 11 = 15$
(c) $12 + 6 = 18$ is same as $6 + 12 = 18$
(d) $15 + 4 = 19$ is same as $4 + 15 = 19$
(e) $13 + 2 = 15$ is same as $2 + 13 = 15$

E.X. 4.6

1.
$$\begin{array}{r} 15 \\ +6 \\ \hline 21 \\ \hline \end{array}$$

\therefore Total balls are 21

2.
$$\begin{array}{r} 15 \\ +5 \\ \hline 20 \\ \hline \end{array}$$

\therefore Total fruits are 20

3.
$$\begin{array}{r} 14 \\ +4 \\ \hline 18 \\ \hline \end{array}$$

\therefore Sonu has 18 balloons

4.
$$\begin{array}{r} 14 \\ +3 \\ \hline 17 \\ \hline \end{array}$$

\therefore Total Pieces of crockery are 17

5.
$$\begin{array}{r} 17 \\ +2 \\ \hline 19 \\ \hline \end{array}$$

\therefore Total gold fish are 19

1. Sum up

$$(a) 8 + 2 = 10$$

$$(b) 4 + 5 = 9$$

$$2. 1 + 13 = 14$$

$$13 + 2 = 15$$

$$9 + 10 = 19$$

$$14 + 2 = 16$$

$$\begin{array}{r} 11 \\ +2 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 13 \\ +5 \\ \hline +18 \end{array}$$

$$\begin{array}{r} 10 \\ +6 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 16 \\ +3 \\ \hline 19 \end{array}$$

$$3. (a) 10 + 0 = 10 \quad (b) 3 + 13 = 16 \quad (c) 0 + 18 = 18 \quad (d) 6 + 1 = 7$$

4.

$$(a) \begin{array}{r} 9 \\ +5 \\ \hline 14 \end{array}$$

$$(b) \begin{array}{r} 12 \\ +4 \\ \hline 16 \end{array}$$

$$(c) \begin{array}{r} 17 \\ +2 \\ \hline 19 \end{array}$$

$$(d) \begin{array}{r} 14 \\ +2 \\ \hline 16 \end{array}$$

CHAPTER 05

E.X. 5.1

$$1. 8 - 2 = 6$$

$$5 - 4 = 1$$

$$2. 8 - 4 = 4$$

$$7 - 2 = 5$$

$$9 - 3 = 6$$

$$10 - 5 = 5$$

$$8 - 3 = 5$$

$$6 - 2 = 4$$

E.X. 5.2

$$3 - 0 = 3$$

$$5 - 5 = 0$$

$$7 - 1 = 6$$

$$8 - 1 = 7$$

$$6 - 0 = 6$$

$$4 - 0 = 4$$

$$2 - 2 = 0$$

$$4 - 4 = 0$$

$$9 - 9 = 0$$

$$3 - 0 = 3$$

$$2 - 0 = 2$$

$$7 - 0 = 7$$

$$8 - 8 = 0$$

Beat the check



E.X. 5.3

$$\begin{array}{r} 1. \quad 3 \\ - 0 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2. \quad 6 \\ - 3 \\ \hline 3 \end{array}$$

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

$$\begin{array}{r} 4. \quad 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5. \quad 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6. \quad 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7. \quad 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8. \quad 5 \\ - 5 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 9. \quad 2 \\ - 0 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 10. \quad 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 11. \quad 9 \\ - 9 \\ \hline 0 \end{array}$$

E.X. 5.3

$$\begin{array}{l} 1. \quad 7 - 3 = 4 \\ \quad \quad 8 - 2 = 6 \end{array}$$

$$\begin{array}{l} 9 - 4 = 5 \\ 8 - 4 = 4 \end{array}$$

$$\begin{array}{l} 9 - 6 = 3 \\ 10 - 3 = 7 \end{array}$$

Mental Maths

$$10 - 2 = 8$$

$$5 - 3 = 2$$

Beat the clock

$$\begin{array}{r} 16 \\ - 8 \\ \hline 8 \end{array}$$

\therefore Total mangoes left with the fruit vendor = 8

E.X. 5.4

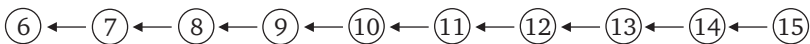
1. (a) Count backward from 18. Go back by 7 numbers

$$\textcircled{11} \leftarrow \textcircled{12} \leftarrow \textcircled{13} \leftarrow \textcircled{14} \leftarrow \textcircled{15} \leftarrow \textcircled{16} \leftarrow \textcircled{17} \leftarrow \textcircled{18}$$

$$18 - 7 = \boxed{11}$$

(b) $15 - 9$

Count backward from 15. Go back by 9 numbers



$$15 - 9 = \boxed{6}$$

(c) $20 - 6$

Count backward from 20. Go back by 6 numbers



$$20 - 6 = \boxed{14}$$

2.

(a) 20

$$\begin{array}{r} - 8 \\ \hline 12 \end{array}$$

(b) 19

$$\begin{array}{r} - 6 \\ \hline 13 \end{array}$$

3. $19 - 5 = 14$

$15 - 8 = 7$

$12 - 5 = 7$

$18 - 4 = 14$

E.X. 5.5

1. $20 - 8 = 12$

2. $18 - 6 = 12$

3. $15 - 7 = 8$

2.

$$\begin{array}{r} 17 \\ - 4 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 15 \\ - 2 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 13 \\ - 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 18 \\ - 8 \\ \hline 10 \end{array}$$

3. $18 - 8$

$$\boxed{18} - \boxed{8} = \boxed{10}$$

$20 - 7$

$$\boxed{20} - \boxed{7} = \boxed{13}$$

$16 - 9$

$$\boxed{16} - \boxed{9} = \boxed{7}$$

E.X. 5.6

$$\begin{array}{r} 1. (a) \quad 36 \\ - 4 \\ \hline 32 \end{array}$$

$$36 - 4 = 32$$

$$(b) \quad \begin{array}{r} 18 \\ - 8 \\ \hline 10 \end{array}$$

$$18 - 8 = 10$$

$$(c) \quad \begin{array}{r} 19 \\ - 11 \\ \hline 8 \end{array}$$

$$19 - 11 = 8$$

$$(d) \quad \begin{array}{r} 18 \\ - 16 \\ \hline 2 \end{array}$$

$$18 - 16 = 2$$

$$2. (a) \quad \begin{array}{r} 18 \\ + 8 \\ \hline 26 \end{array}$$

Answer 26

$$(b) \quad \begin{array}{r} 16 \\ - 5 \\ \hline 11 \end{array}$$

Answer 11

$$(c) \quad \begin{array}{r} 12 \\ - 5 \\ \hline 7 \end{array}$$

Answer 7

$$(d) \quad \begin{array}{r} 20 \\ - 6 \\ \hline 14 \end{array}$$

Answer 14

Activity Do Yourself

Sum Up.

1. (a) $15 - 6 = 9$

(b) $20 - 4 = 16$

2. 19 ||||| ||||| ||||| |||||

$$\begin{array}{r} - 7 \\ \hline 12 \end{array}$$

14 ||||| ||||| |||||

$$\begin{array}{r} - 3 \\ \hline 11 \end{array}$$

15 ||||| ||||| |||||

$$\begin{array}{r} - 5 \\ \hline 10 \end{array}$$

3. $16 - 3$

Count backward from 16. Go back by 3 number



$$16 - 3 = 13$$

4.

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

Answer (2) Children left

Lab Work Do Yourself

E.X. 6.1
1. Do Yourself

<u>Cone</u>	<u>Cuboid</u>	<u>Cube</u>
<u>Sphere</u>	<u>Cylinder</u>	<u>Cuboid</u>
<u>Pyramid</u>	<u>Sphere</u>	<u>Square</u>

Ex. 6.2

Do Yourself
E.X. 6.3
Do Yourself
Worksheet

Rectangle

Circle

Triangle

Square

Lab Work

Do Yourself
E.X. 7.1

1.	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50

2. (a) Thirty Six 36

(b) Forty Two 42

(c) Twenty one 21

(d) Eleven 11

(e) Fifteen 15

(f) Fifty 50

3. (a) 16—Sixteen

(b) 26—Twenty-Six

(c) 50—Fifty

(d) 41—Forty-one

4. (a)

48	
Tens	Ones
4	8

42	
Tens	Ones
4	2

38	
Tens	Ones
3	8

31	
Tens	Ones
3	1

20	
Tens	Ones
2	0

17	
Tens	Ones
1	7

34	
Tens	Ones
3	4

25	
Tens	Ones
2	5

Beat the Clock

Do Yourself

E.X. 7.2

- | | | | | | | |
|----|---|---------|-----|----|--------|------|
| 1. | 3 | Third | 3rd | 6 | Sixth | 6th |
| | 7 | Seventh | 7th | 9 | Ninth | 9th |
| | 8 | Eighth | 8th | 10 | Tenth | 10th |
| | 1 | First | 1st | 4 | Fourth | 4th |
| | 5 | fifth | 5th | 2 | Second | 2nd |

- | | | | |
|--------|---|-----|---|
| 2. (a) | $29 = \begin{array}{ c } \hline 20 \\ \hline \end{array} + \begin{array}{ c } \hline 9 \\ \hline \end{array}$ | (b) | $33 = \begin{array}{ c } \hline 30 \\ \hline \end{array} + \begin{array}{ c } \hline + 3 \\ \hline \end{array}$ |
| (c) | $36 = \begin{array}{ c } \hline 30 \\ \hline \end{array} + \begin{array}{ c } \hline 6 \\ \hline \end{array}$ | (d) | $21 = \begin{array}{ c } \hline 20 \\ \hline \end{array} + \begin{array}{ c } \hline + 1 \\ \hline \end{array}$ |
| (e) | $38 = \begin{array}{ c } \hline 30 \\ \hline \end{array} + \begin{array}{ c } \hline 8 \\ \hline \end{array}$ | (f) | $34 = \begin{array}{ c } \hline 30 \\ \hline \end{array} + \begin{array}{ c } \hline + 4 \\ \hline \end{array}$ |
| (g) | $48 = \begin{array}{ c } \hline 40 \\ \hline \end{array} + \begin{array}{ c } \hline 8 \\ \hline \end{array}$ | (h) | $23 = \begin{array}{ c } \hline 20 \\ \hline \end{array} + \begin{array}{ c } \hline + 3 \\ \hline \end{array}$ |

- | | | | |
|--------|----------------------|-----|----------------------|
| 3. (a) | 1 ten + 2 ones = 12 | (b) | 2 tens + 7 ones = 27 |
| (c) | 4 tens + 9 ones = 49 | (d) | 3 tens + 6 ones = 36 |
| (e) | 4 tens + 1 one = 41 | (f) | 2 tens + 2 ones = 22 |
| (g) | 3 tens + 3 ones = 33 | (h) | 2 tens + 8 ones = 28 |
| (i) | 5 tens + 0 one = 50 | (j) | 1 tens + 1 one = 11 |
| (k) | 3 tens + 4 ones = 34 | (l) | 4 tens + 5 ones = 45 |

- | | | | |
|--------|----------------|-----|----------------|
| 4. (a) | Twelve 12 | (b) | Thirty-five 35 |
| (c) | Twenty-Six 26 | (d) | Forty-Five 45 |
| (e) | Thirty-nine 39 | (f) | Eighteen 18 |
| (g) | Nine 9 | (h) | Fifty 50 |

5.	(a) 22	Twenty-two	(b) 12	Twelve
	(c) 34	Thirty-four	(d) 49	Forty-nine
	(e) 31	Thirty-one	(f) 27	Twenty-seven
	(g) 19	Nineteen	(h) 5	Five
	(i) 16	Sixteen	(j) 10	Ten

Mental Maths

21	③	13	⑬
3	⑮	32	⑲
38	⑳	19	㉓
15	㉟	43	㉛

E.X. 7.3

1.

5	8	10	14
---	---	----	----

5	12	36	42
---	----	----	----

12	18	27	34
----	----	----	----

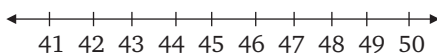
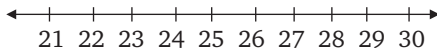
35	37	42	49
----	----	----	----

18	19	26	38
----	----	----	----

20	22	25	28
----	----	----	----

- 2.
- ~~8 to 4~~ 4, 5, 6, 7, 8
 - ~~18 to 23~~ 18, 19, 20, 21, 22, 23
 - ~~25 to 21~~ 25, 24, 23, 22, 21
 - ~~43 to 39~~ 43, 42, 41, 40, 39
 - ~~35 to 40~~ 35, 36, 37, 38, 39, 40
 - ~~6 to 14~~ 6, 7, 8, 9, 10, 11, 12, 13, 14
 - ~~15 to 12~~ 15, 14, 13, 12
 - ~~21 to 27~~ 21, 22, 23, 24, 25, 26, 27

Sum Up

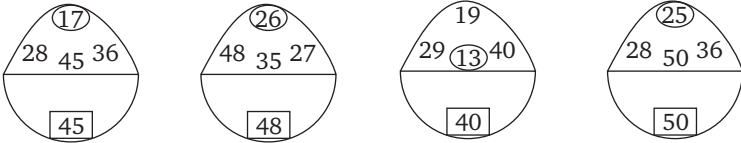


1.

24	Twenty-Four
37	Thirty-Seven
18	Eighteen

 48

Forty-eight
Eight

3. 

4. (a) $36 = 30 + 6$ (b) $24 = 20 + 4$
 (c) $48 = 40 + 8$ (d) $26 = 20 + 6$

Lab Work

Do Yourself

 **CHAPTER 08**

E.X. 8.1

- | | |
|------------------|------------------|
| 1. 51—Fifty-one | 52—Fifty-two |
| 53—Fifty-three | 54—Fifty-four |
| 55—Fifty-five | 56—Fifty-Six |
| 57—Fifty-Seven | 58—Fifty-Eight |
| 59—Fifty-Nine | 60—Sixty |
| 61—Sixty-One | 62—Sixty-Two |
| 63—Sixty-Three | 64—Sixty-Four |
| 65—Sixty-five | 66—Sixty-Six |
| 67—Sixty-Seven | 68—Sixty-Eight |
| 69—Sixty-Nine | 70—Seventy |
| 71—Seventy-One | 72—Seventy-Two |
| 73—Seventy-Three | 74—Seventy-Four |
| 75—Seventy-Five | 76—Seventy-Six |
| 77—Seventy-Seven | 78—Seventy-Eight |
| 79—Seventy-Nine | 80—Eighty |
| 81—Eighty-One | 82—Eighty-Two |

83—Eighty-Three

85—Eighty-Five

87—Eighty-Seven

89—Eighty-Nine

91—Ninety-One

93—Ninety-Three

95—Ninety-Five

97—Ninety-Seven

99—Ninety-Nine

84—Eighty-Four

86—Eighty-Six

88—Eighty-Eight

90—Ninety

92—Ninety-Two

94—Ninety-Four

96—Ninety-Six

98—Ninety-Eight

100—Hundred

2. What comes before?

78

79

74

75

68

69

57

58

97

98

83

84

3. What Comes after?

71

70

70

71

99

100

48

49

65

66

52

51

4. 98 99 100

88

89

90

50

51

52

59

60

61

75

76

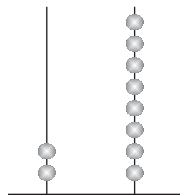
77

90

91

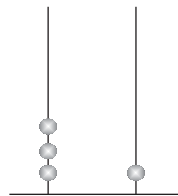
92

E.X. 8.2



2 tens + 8 Ones

$$20 + 8 = 28$$

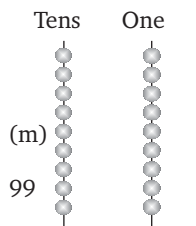
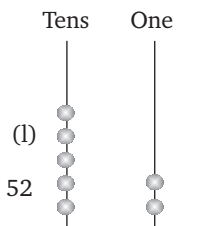
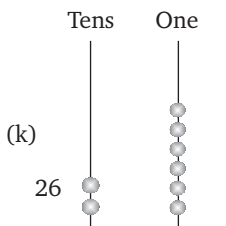
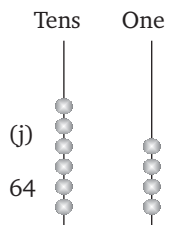
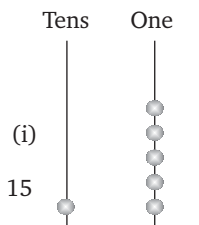
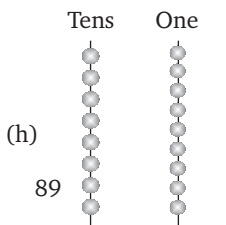
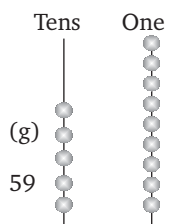
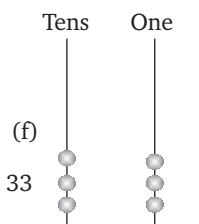
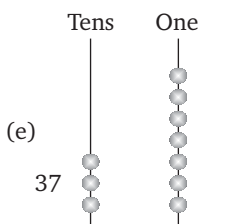
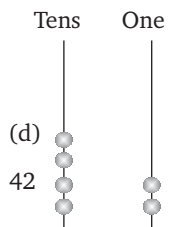
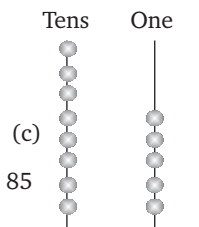
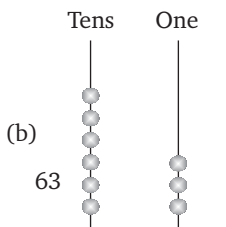


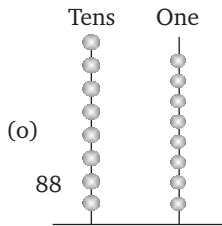
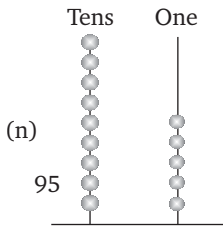
3 tens + 1 one

$$30 + 1 = 31$$

2. (b) 6 tens + 3 ones = 60 + 3 = 63
 (c) 7 tens + 6 ones = 70 + 6 = 76
 (d) 8 tens + 1 one = 80 + 1 = 81
 (e) 50 tens + 9 ones = 50 + 9 = 59
 (f) 5 tens + 6 ones = 50 + 6 = 56
 (g) 6 tens + 7 ones = 60 + 7 = 67
 (h) 9 tens + 3 ones = 90 + 3 = 93

3.





4. 1 ten and 7 ones = 17 3 tens and 6 ones = 36
 8 tens and 4 ones = 84 6 tens and 2 ones = 62
 9 tens and 3 ones = 93 2 tens and 6 ones = 26
 8 tens and 5 ones = 85 7 tens and 6 ones = 76
 8 tens and 8 ones = 88 9 tens and 6 ones = 96

Sum. Up

1. Write Number Names

(a) 84	Eighty-four
(b) 26	Twenty-six
(c) 58	Fifty-Eight
(d) 96	Ninety-Six
(e) 100	Hundred

2. Write Expanded four

- (a) $72 = 7 \text{ tens} + 2 \text{ ones}$
 (b) $24 = 2 \text{ tens} + 4 \text{ ones}$
 (c) $84 = 8 \text{ tens} + 4 \text{ ones}$
 (d) $48 = 4 \text{ tens} + 8 \text{ ones}$
 (e) $66 = 6 \text{ tens} + 6 \text{ ones}$
 (f) $90 = 9 \text{ tens} + 0 \text{ ones}$

3. Write in increasing order

- (a) 0, 9, 12, 15, 18, 19, 23, 25, 27, 30
 (b) 0, 3, 7, 9, 14, 17, 22, 25, 29, 30

4. Write in decreasing order

- (a) 30, 28, 24, 22, 20, 18, 15, 11, 9, 4
 (b) 30, 28, 27, 26, 19, 17, 15, 9, 6, 4

 **CHAPTER 09**

E.X.9.1

1. Do Yourself

2. Do Yourself

E.X. 9.2

heavier

lighter

lighter

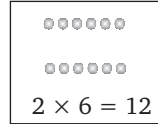
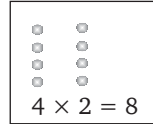
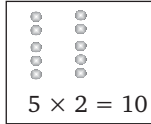
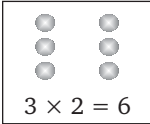
heavier

Worksheet

Do Yourself

CHAPTER 10

E.X. 10.1



E.X. 10.2

- | 1. | Number of group | No of items in each group | Total items in all groups |
|----|--------------------|---------------------------|---------------------------|
| | 4 | 7 | 28 |
| 2. | $5 \times 7 = 35$ | $5 \times 8 = 40$ | |
| | $7 \times 1 = 7$ | $6 \times 5 = 30$ | |
| | $2 \times 2 = 4$ | $3 \times 5 = 15$ | |
| | $1 \times 6 = 6$ | $5 \times 4 = 20$ | |
| | $2 \times 8 = 16$ | $5 \times 5 = 25$ | |
| | $2 \times 10 = 20$ | $5 \times 2 = 10$ | |

Sum up.

1. Buy 1 Chocolate for 4 rupees

Two 4s equals 8

$$2 \times 4 = 8$$

- Buy 2 Chocolate for 8 rupees

2 times 4 rupees 18

Answer ₹ 8

2. Buy 1 apple for 5 rupees

Two 5s equals 10

$$2 \times 5 = 10$$

- Buy 2 apple for 10 rupees

2 times 5 equals 10

Answer ₹ 10

3. Buy 1 for 2 rupees

$$2 \times 2 = 4$$

4. Buy 1 for 10 rupees

$$2 \times 10 = 20$$

5. Buy 1 for 8 rupees

$$2 \times 8 = 16$$

6. $\textcircled{6} \times \textcircled{2} = \textcircled{12} \Rightarrow \textcircled{4} \times \textcircled{4} = \textcircled{16}$

Buy 2 for 4 rupees

Buy 2 for 20 rupees

Buy 2 for 16 rupees

CHAPTER 11

E.X.11

3, 4, $\textcircled{5}$

$\textcircled{4}$, 5, 6

3, 4, $\textcircled{6}$

$\textcircled{4}$, 2, 3

Activity

$$27 \div 3 = 9$$

$$36 \div 6 = 6$$

$$32 \div 4 = 8$$

$$20 \div 4 = 5$$

$$40 \div 4 = 10$$

$$14 \div 2 = 7$$

$$12 \div 1 = 12$$

Worksheet

$$\begin{array}{r} 5 \overline{)10} \textcircled{2} \\ \underline{10} \\ 00 \end{array}$$

Answer = 2

$$\begin{array}{r} 3 \overline{)24} \textcircled{8} \\ \underline{24} \\ 00 \end{array}$$

Answer = 8

$$\begin{array}{r} 2 \overline{)10} \textcircled{5} \\ \underline{10} \\ 00 \end{array}$$

Answer = 5

$$\begin{array}{r} 4 \overline{)20} \textcircled{5} \\ \underline{20} \\ 00 \end{array}$$

Answer = 5

$$\begin{array}{r} 2 \overline{)16} \textcircled{8} \\ \underline{16} \\ 00 \end{array}$$

Answer = 8

$$\begin{array}{r} 6 \overline{)36} \textcircled{6} \\ \underline{36} \\ 00 \end{array}$$

Answer = 6

$$\begin{array}{r} 2 \overline{)18}9 \\ \underline{18} \\ 00 \end{array}$$

Answer = 9

$$\begin{array}{r} 8 \overline{)32}4 \\ \underline{32} \\ 00 \end{array}$$

Answer = 4

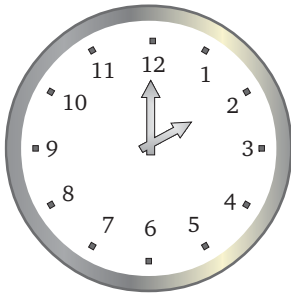
$$\begin{array}{r} 3 \overline{)27}9 \\ \underline{27} \\ 00 \end{array}$$

Answer = 27

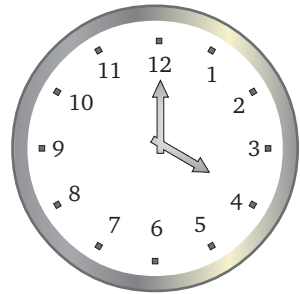
CHAPTER 12

E.X. 12.1

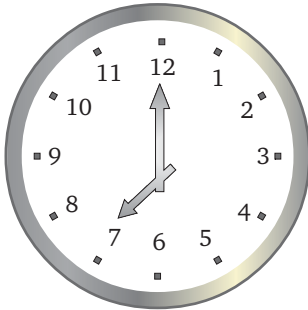
1.



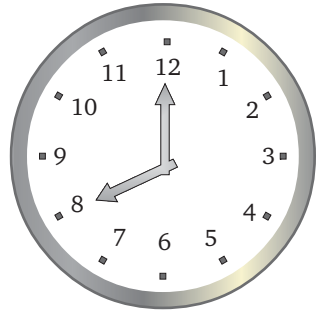
20' Clock



40' Clock



70' Clock



80' Clock

2. (a) 11 O' Clock

(b) 5 O' Clock

(c) 8 O' Clock

E.X.12.2

1. Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

2. January February March
 October November December

3. (a) First (b) December (c) 31
 (d) 29 (e) February

4. **Worksheet**

Monday	First day
Tuesday	Second day
Wednesday	Third day
Thursday	Fourth day
Friday	Fifth day
Saturday	Sixth day
Sunday	Seventh day

CHAPTER 13

Activity—Do Yourself

E.X.13.1

1. (a) ₹ 17 (b) ₹ 13 (c) ₹ 6 (d) ₹ 15
2. (a) ₹ 105 (b) ₹ 130 (c) ₹ 50 (d) ₹ 25
3. ₹ 100 ₹ 10 ₹ 5 ₹ 200
 ₹ 50 ₹ 2000

E.X. 13.2

Do Yourself

Worksheet

$$\begin{array}{r} ₹ 10 \\ + ₹ 50 \\ \hline ₹ 60 \end{array}$$

$$\begin{array}{r} ₹ 100 \\ + ₹ 50 \\ \hline ₹ 150 \end{array}$$

$$\begin{array}{r} ₹ 20 \\ + ₹ 50 \\ \hline ₹ 70 \end{array}$$

$$\begin{array}{r} ₹ 500 \\ + ₹ 200 \\ \hline ₹ 700 \end{array}$$

$$\begin{array}{r} ₹ 50 \\ + ₹ 25 \\ \hline ₹ 77 \end{array}$$

$$\begin{array}{r} ₹ 50 \\ + ₹ 50 \\ \hline ₹ 100 \end{array}$$

$$\begin{array}{r} ₹ 50 \\ + ₹ 60 \\ \hline ₹ 110 \end{array}$$

$$\begin{array}{r} ₹ 20 \\ + ₹ 35 \\ \hline ₹ 55 \end{array}$$

$$\begin{array}{r} ₹ 100 \\ + ₹ 20 \\ \hline ₹ 120 \end{array}$$

CHAPTER 14

E.X. 14

1. (a) Rats

(b) Lion

2. Monkey 4

Fish 3

Duck 2

Deer 4

Peacock 6

Lion 5

(a) Peacock

(b) Duck

Maths MAGIC



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