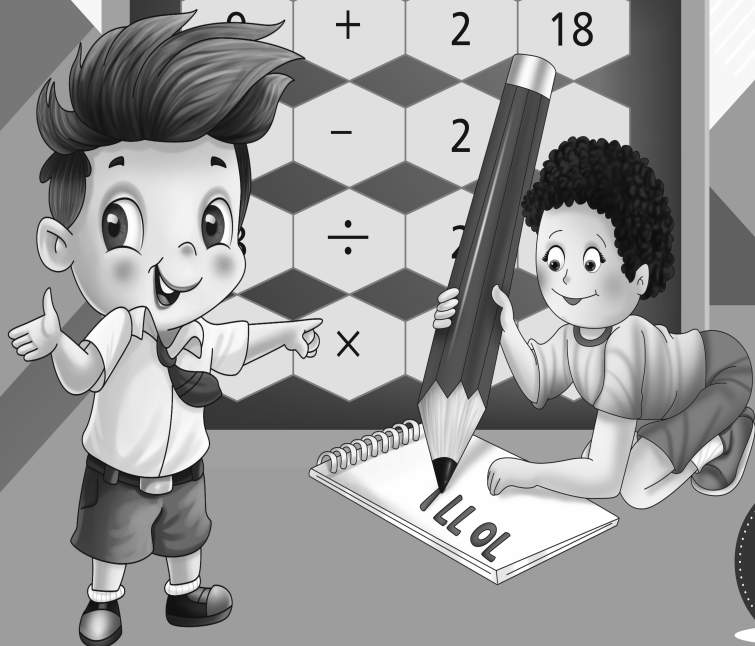


Tim@x[®]

Maths Magic

NEP 2020
ENHANCED
EDITION

Teacher Manual



2

MATHS

CLASS 2

CHAPTER 01

E.X. 1.1

1.

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

2.

(a)	<table border="1"><tr><td>H</td><td>T</td><td>O</td></tr><tr><td>1</td><td>3</td><td>7</td></tr></table>	H	T	O	1	3	7	(b)	<table border="1"><tr><td>H</td><td>T</td><td>O</td></tr><tr><td>1</td><td>4</td><td>4</td></tr></table>	H	T	O	1	4	4	(c)	<table border="1"><tr><td>H</td><td>T</td><td>O</td></tr><tr><td>3</td><td>0</td><td>0</td></tr></table>	H	T	O	3	0	0
H	T	O																					
1	3	7																					
H	T	O																					
1	4	4																					
H	T	O																					
3	0	0																					

3. (a) 160 – One hundred Sixty

(b) 128 – One hundred twenty-eight

(c) 180 – One hundred eighty

(d) 200 – Two hundred

(e) 190 – One hundred ninety

4.

(a) One hundred twenty-six—126

(b) One hundred twenty-one—121

(c) One hundred forty-five—145

5.

Hundred

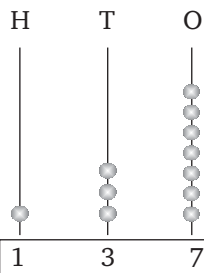
Tens

Ones

1

3

7



Hundred

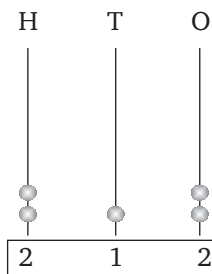
Tens

Ones

2

1

2



Hundred

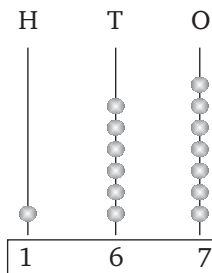
Tens

Ones

1

6

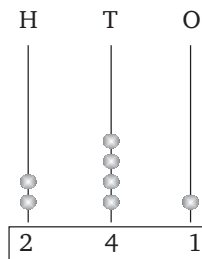
7



Hundred
2

Tens
4

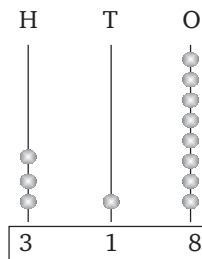
Ones
1



Hundred
3

Tens
1

Ones
8



E.X. 1.2

1. (a) $179 = 100 + 70 + 9$

(b) $180 = 100 + 80 + 0$

(c) $130 = 100 + 30 + 0$

(d) $199 = 100 + 90 + 9$

(e) $155 = 100 + 50 + 5$

(f) $146 = 100 + 40 + 6$

2. (a) $100 + 20 + 0 = 120$

(b) $100 + 60 + 8 = 168$

(c) $100 + 00 + 5 = 105$

(d) 1 hundred + 7 ones = 107

(e) 1 hundred + 5 tens + 9 ones = 159

(f) 1 hundred + 2 tens + 5 ones = 125

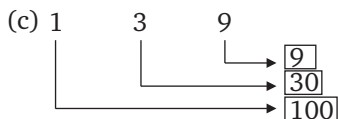
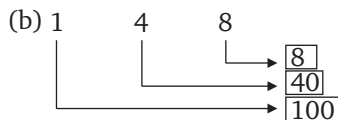
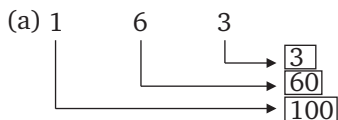
E.X. 1.3

1. (a) $10\textcircled{2} = 2$

(b) $2\textcircled{0} = 00$

(c) $13\textcircled{3} = 3$

2.



E.X. 1.4

1. (a) $64 \text{ (192) } 136$

(b) $104 \text{ (146) } 23$

(c) $\text{(180) } 129 \text{ } 120$

2. (a) $166 \text{ (142) } 158$

(b) $99 \text{ (87) } 176$

(c) $137 \text{ } 146 \text{ (108)}$

3. (a) $134 < 146$

(b) $147 > 135$

(c) $194 > 188$

(d) $126 < 134$

(e) $154 < 162$

(f) $134 < 166$

Beat the clock

1. $8 + 4 + 4 = 16$

2. 88

3. 24

E.X. 1.5

1.

(a)

18

(b)

8

(c)

4

(d)

12

2.

(a)

11

(b)

1

(c)

25

(d)

43

E.X. 1.6

1. (a) 88, 99, 109, 149

(b) 82, 86, 112, 175

(c) 88, 128, 148, 168

2. (a) 188, 184, 99, 39

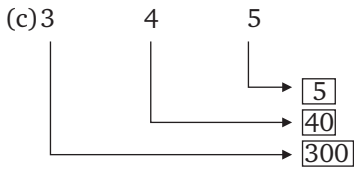
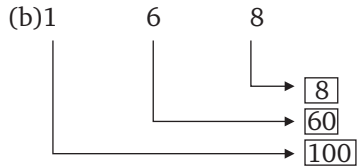
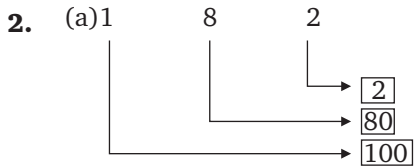
(b) 186, 146, 126, 66

(c) 175, 123, 106, 98

(d) 192, 145, 144, 136

Sum up

1. (c)



3. (a) $198 \quad 189 \quad 109$
 $\quad \checkmark \quad \quad \quad \quad \times$

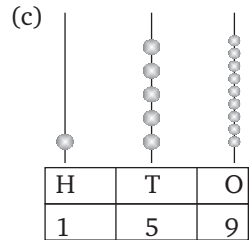
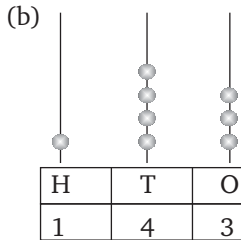
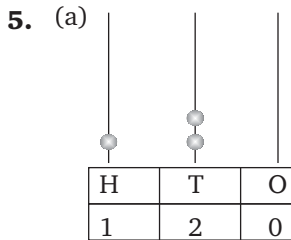
(b) $69 \quad 109 \quad 143$
 $\quad \times \quad \quad \quad \quad \checkmark$

4. (a) $243 = 200 + 40 + 3$

(b) $170 = 100 + 70 + 0$

(c) $166 = 100 + 60 + 6$

(d) $162 = 100 + 60 + 2$



6. (a) $100 + 10 + 4 = 114$

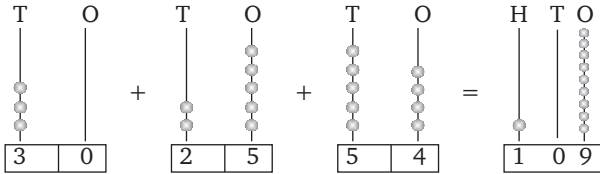
(b) $100 + 20 + 9 = 129$

(c) $100 + 30 = 130$

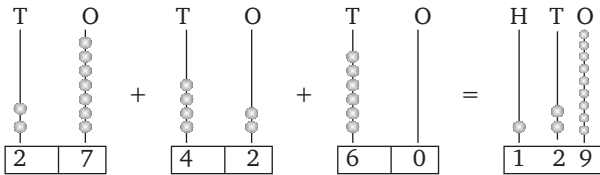
(d) $100 + 90 = 190$

E.X. 2.1

(a) 30, 25 and 54



(b) 27, 42 and 60



2.

(a)

T	O
4	4
3	0
2	3
9	7

(b)

T	O
4	5
1	2
1	1
6	8

(c)

T	O
2	3
4	1
1	4
7	8

(d)

T	O
1	1
2	7
1	1
4	9

Mental Maths

3	8	4
7	5	3
5	2	8

E.X. 2.2.

1. (a)

$$\begin{array}{r} \text{T O} \\ \text{①} \\ 6 \ 7 \\ + \text{①} \ 3 \ 3 \\ \hline 1 \ 0 \ 0 \end{array}$$

(b)

$$\begin{array}{r} \text{T O} \\ \text{①} \\ 8 \ 4 \\ + \ 6 \\ \hline 9 \ 0 \end{array}$$

(c)

$$\begin{array}{r} \text{T O} \\ \text{①} \\ 3 \ 8 \\ + \ 2 \\ \hline 4 \ 0 \end{array}$$

(d)

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

(e)

$$\begin{array}{r} \text{T O} \\ \text{①} \\ 8 \ 5 \\ + \ 5 \\ \hline 9 \ 0 \end{array}$$

(f)

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

2. (a) $26 + 32$

$$\begin{array}{r} \text{T O} \\ 2 \ 6 \\ + \ 3 \ 2 \\ \hline 5 \ 8 \end{array}$$

(b) $42 + 84$

$$\begin{array}{r} \text{T O} \\ 4 \ 2 \\ + \ 8 \ 4 \\ \hline 12 \ 6 \end{array}$$

(c) $92 + 86$

$$\begin{array}{r} \text{T O} \\ 9 \ 2 \\ + \ 8 \ 6 \\ \hline 17 \ 8 \end{array}$$

(d) $24 + 43$

$$\begin{array}{r} \text{T O} \\ 2 \ 4 \\ + \ 4 \ 3 \\ \hline 6 \ 7 \end{array}$$

E.X. 2.3

1. (a)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 5 \\ \quad \quad 5 \\ + \quad 7 \\ \hline 1 \quad 7 \end{array}$$

(c)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 4 \\ \quad \quad 6 \\ + \quad 5 \\ \hline 1 \quad 5 \end{array}$$

2. (a)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 5 \\ \quad \quad 4 \\ + \quad 2 \\ \hline 1 \quad 1 \end{array}$$

(c)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 5 \\ \quad \quad 4 \\ + \quad 2 \\ \hline 1 \quad 1 \end{array}$$

3. (a)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 8 \\ \quad \quad 2 \\ + \quad 8 \\ \hline 1 \quad 8 \end{array}$$

(c)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 8 \\ \quad \quad 5 \\ + \quad 2 \\ \hline 1 \quad 5 \end{array}$$

(b)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 8 \\ \quad \quad 2 \\ + \quad 5 \\ \hline 1 \quad 5 \end{array}$$

(d)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 9 \\ \quad \quad 7 \\ + \quad 3 \\ \hline 1 \quad 9 \end{array}$$

(b)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 7 \\ \quad \quad 2 \\ + \quad 5 \\ \hline 1 \quad 4 \end{array}$$

(d)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 7 \\ \quad \quad 5 \\ + \quad 2 \\ \hline 1 \quad 4 \end{array}$$

(b)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 7 \\ \quad \quad 6 \\ + \quad 4 \\ \hline 1 \quad 7 \end{array}$$

(d)
$$\begin{array}{r} T \quad O \\ \textcircled{1} \quad 4 \\ \quad \quad 8 \\ + \quad 5 \\ \hline 1 \quad 7 \end{array}$$

4.

$$\begin{array}{r}
 \text{T O} \\
 \textcircled{1} \quad 7 \\
 \quad 5 \\
 + \quad 4 \\
 \hline
 16
 \end{array}$$

Answer = 16 Clothes

5.

$$\begin{array}{r}
 \text{T O} \\
 2 \square \quad 9 \\
 \quad 9 \\
 + \quad 6 \\
 \hline
 24
 \end{array}$$

Answer = 24 People

E.X. 2.4

1. (a)

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

(c)

$$\begin{array}{r}
 \text{T O} \\
 \textcircled{1} \\
 4 \quad 2 \\
 3 \quad 6 \\
 + 2 \quad 8 \\
 \hline
 10 \quad 6
 \end{array}$$

(b)

$$\begin{array}{r}
 \text{T O} \\
 \textcircled{2} \\
 2 \quad 4 \\
 3 \quad 9 \\
 + 2 \quad 9 \\
 \hline
 9 \quad 2
 \end{array}$$

(d)

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

2. (a) $18 + 16 + 21 = 55$

(c) $13 + 27 + 27 = 67$

(e) $27 + 34 + 26 = 87$

(b) $26 + 13 + 14 = 53$

(d) $18 + 19 + 89 = 126$

(f) $61 + 21 + 34 = 116$

3.

$$\begin{array}{r}
 \text{T O} \\
 3 \quad 8 \\
 4 \quad 7 \\
 + 1 \quad 5 \\
 \hline
 10 \quad 0
 \end{array}$$

Answer = 100 trees

4.

$$\begin{array}{r}
 \text{T O} \\
 \textcircled{1} \\
 3 \quad 0 \\
 4 \quad 6 \\
 + 8 \quad 4 \\
 \hline
 16 \quad 0
 \end{array}$$

Answer = ₹ 160

E.X. 2.5

1.
$$\begin{array}{r} \boxed{76} \\ \textcircled{1} \\ 27 \\ 35 \\ +14 \\ \hline \boxed{76} \end{array}$$

2.
$$\begin{array}{r} \boxed{99} \\ \textcircled{1} \\ 48 \\ 32 \\ +19 \\ \hline \boxed{99} \end{array}$$

3.
$$\begin{array}{r} \boxed{91} \\ \textcircled{2} \\ 28 \\ 35 \\ +28 \\ \hline \boxed{91} \end{array}$$

4.
$$\begin{array}{r} \boxed{85} \\ \textcircled{1} \\ 42 \\ 25 \\ +18 \\ \hline \boxed{85} \end{array}$$

5.
$$\begin{array}{r} \boxed{84} \\ \textcircled{1} \\ 49 \\ +35 \\ \hline \boxed{84} \end{array}$$

6.
$$\begin{array}{r} \boxed{94} \\ \textcircled{1} \\ 55 \\ +39 \\ \hline \boxed{94} \end{array}$$

7.
$$\begin{array}{r} \boxed{90} \\ \textcircled{1} \\ 32 \\ +58 \\ \hline \boxed{90} \end{array}$$

8.
$$\begin{array}{r} \boxed{91} \\ \textcircled{1} \\ 63 \\ +28 \\ \hline \boxed{91} \end{array}$$

E.X. 2.6

1.
$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 5 \quad 6 \\ + 4 \quad 8 \\ \hline 10 \quad 4 \end{array}$$

Answer = 104 runs

2.
$$\begin{array}{r} \text{T O} \\ \textcircled{2} \\ 2 \quad 7 \\ + 4 \quad 8 \\ \hline 9 \quad 3 \end{array}$$

Answer = 93 people

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

Answer = 72 slabs

4.
$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 4 \quad 8 \\ + 3 \quad 4 \\ \hline 8 \quad 2 \end{array}$$

Answer = 82 Chocolates

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

Answer = 93 Passengers

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

Answer = 53 Pages

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

Answer = 94 eggs

$$\begin{array}{r}
 \text{8. T O} \\
 \text{①} \\
 1 \ 7 \\
 + 1 \ 6 \\
 \hline
 2 \ 4 \\
 \hline
 5 \ 7
 \end{array}$$

Answer = 57 fruits

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

Answer = 79 marbles

Sum up

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

$$\begin{array}{r}
 \text{(b) ①} \\
 2 \ 9 \\
 3 \ 5 \\
 + 1 \ 2 \\
 \hline
 7 \ 6
 \end{array}$$

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

$$\begin{array}{r}
 \text{(d) ①} \\
 6 \ 3 \\
 4 \ 7 \\
 + 1 \ 4 \\
 \hline
 12 \ 4
 \end{array}$$

$$\begin{array}{r}
 \text{(e) ①} \\
 8 \ 9 \\
 + 4 \\
 \hline
 + 9 \ 3
 \end{array}$$

$$\begin{array}{r}
 \text{(f) ①} \\
 8 \ 8 \\
 + 1 \ 9 \\
 \hline
 107
 \end{array}$$

$$\begin{array}{r}
 \text{(g) ①} \\
 7 \ 5 \\
 + 8 \\
 \hline
 8 \ 3
 \end{array}$$

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

$$\begin{array}{r}
 \text{(i) ①} \\
 7 \ 6 \\
 + 1 \ 5 \\
 \hline
 9 \ 1
 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 4 \quad 5 \\ + \quad 6 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 6 \quad 8 \\ + \quad 8 \\ \hline 7 \quad 6 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 5 \quad 6 \\ 2 \quad 9 \\ \hline 8 \quad 5 \end{array}$$

2. (a) $67 + 31$

$$\begin{array}{r} \text{T O} \\ 67 \\ +31 \\ \hline 98 \end{array}$$

(b) $25 + 44$

$$\begin{array}{r} \text{T O} \\ 25 \\ +44 \\ \hline 69 \end{array}$$

(c) $79 + 10$

$$\begin{array}{r} \text{T O} \\ 79 \\ 10 \\ \hline 89 \end{array}$$

3. T O

$$\begin{array}{r} \textcircled{1} \\ 2 \quad 8 \\ +3 \quad 6 \\ \hline 6 \quad 4 \end{array}$$

Answer = 64 storybooks

4. T O

$$\begin{array}{r} \textcircled{1} \\ 2 \quad 8 \\ +5 \quad 2 \\ \hline 8 \quad 0 \end{array}$$

Answer = 80 Pages

5. T O

$$\begin{array}{r} \textcircled{1} \\ 1 \quad 8 \\ 2 \quad 5 \\ +2 \quad 6 \\ \hline 6 \quad 9 \end{array}$$

Answer = 69 balloons

E.X. 3.1

$$\begin{array}{r} \text{1. T O} \\ 7 \ 6 \\ -4 \ 2 \\ \hline 3 \ 4 \end{array}$$

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

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

$$\begin{array}{r} \text{4. T O} \\ 3 \ 6 \\ -1 \ 0 \\ \hline 2 \ 6 \end{array}$$

$$\begin{array}{r} \text{5. T O} \\ 5 \ 6 \\ -1 \ 6 \\ \hline 4 \ 0 \end{array}$$

$$\begin{array}{r} \text{6. T O} \\ 5 \ 7 \\ -2 \ 4 \\ \hline 3 \ 3 \end{array}$$

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

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

Mental Maths

1. 2 tens + 2 ones = 22

2. 8 tens + 1 one = 81

3. 73 = 7 tens + 3 ones

4. 96 = 9 tens + 6 ones

5. 24 = 2 tens + 4 ones

6. 33 = 3 tens + 3 ones

E.X. 3.2

$$\begin{array}{r} \text{1. (a) } 9 \ 9 \\ -7 \ 4 \\ \hline 2 \ 5 \end{array}$$

$$\begin{array}{r} \text{(b) } 7 \ 6 \\ - \ 6 \\ \hline 7 \ 0 \end{array}$$

$$\begin{array}{r} \text{(c) } \begin{array}{c} 4 \ 10 \\ 5 \ 0 \end{array} \\ 4 \ 2 \\ \hline 0 \ 8 \end{array}$$

$$\begin{array}{r} \text{(d) } 9 \ 8 \\ -8 \ 7 \\ \hline 1 \ 1 \end{array}$$

$$\begin{array}{r} \text{(e) } \begin{array}{c} 7 \ 18 \\ 8 \ 8 \end{array} \\ -4 \ 9 \\ \hline 3 \ 9 \end{array}$$

$$\begin{array}{r} \text{(f) } 8 \ 8 \\ -6 \ 1 \\ \hline 2 \ 7 \end{array}$$

2. (a) 88 – 66

$$\begin{array}{r} \text{T O} \\ 8 \ 8 \\ -6 \ 6 \\ \hline 2 \ 2 \end{array}$$

(b) 75 – 52

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

(c) 63 – 43

$$\begin{array}{r} \text{T O} \\ 6 \ 3 \\ -4 \ 3 \\ \hline 2 \ 0 \end{array}$$

(d) 93 – 41

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

(e) 38 – 24

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

(f) 55 – 11

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

E.X. 3.3

$$\begin{array}{r} 1. \quad 96 \\ - 34 \\ \hline 62 \end{array}$$

Check

$$\begin{array}{r} 62 \\ + 34 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 2. \quad \begin{array}{r} 8 \ 11 \\ 9 \ 1 \end{array} \\ - 58 \\ \hline 33 \end{array}$$

Check

$$\begin{array}{r} \begin{array}{r} 1 \\ 3 \ 3 \end{array} \\ + 58 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 3. \quad \begin{array}{r} 2 \ 15 \\ 3 \ 5 \end{array} \\ - 28 \\ \hline 07 \end{array}$$

Check

$$\begin{array}{r} \begin{array}{r} 1 \\ 0 \ 7 \end{array} \\ + 28 \\ \hline 3 \ 5 \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{r} 6 \ 15 \\ 7 \ 5 \end{array} \\ - 29 \\ \hline 46 \end{array}$$

Check

$$\begin{array}{r} \begin{array}{r} 1 \\ 4 \ 6 \end{array} \\ + 29 \\ \hline 7 \ 5 \end{array}$$

$$\begin{array}{r} 5. \quad \begin{array}{r} 5 \ 17 \\ 6 \ 7 \end{array} \\ - 48 \\ \hline 19 \end{array}$$

Check

$$\begin{array}{r} \begin{array}{r} 1 \\ 1 \ 9 \end{array} \\ + 48 \\ \hline 6 \ 7 \end{array}$$

$$\begin{array}{r} 6. \quad \begin{array}{r} 7 \ 12 \\ 8 \ 2 \end{array} \\ - 55 \\ \hline 27 \end{array}$$

Check

$$\begin{array}{r} \begin{array}{r} 1 \\ 2 \ 7 \end{array} \\ + 55 \\ \hline 8 \ 2 \end{array}$$

E.X. 3.4

1.

(a) 8, 5, 13

$$\begin{array}{l} \boxed{8} + 5 = 13 \\ \boxed{5} + 8 = 13 \\ \boxed{13} - 5 = 8 \\ 13 - \boxed{8} = 5 \end{array}$$

(b) 6, 3, 9

$$\begin{array}{l} 6 + \boxed{3} = 9 \\ 3 + \boxed{6} = 9 \\ 9 - \boxed{6} = 3 \\ \boxed{9} - 3 = 6 \end{array}$$

(c) 9, 5, 14

$$\begin{array}{l} \boxed{9} + \boxed{5} = 14 \\ \boxed{5} + \boxed{9} = 14 \\ \boxed{14} - \boxed{5} = 9 \\ \boxed{14} - \boxed{9} = 5 \end{array}$$

$$\begin{array}{r} 2. \quad (a) \quad \begin{array}{r} 6 \\ + 8 \\ \hline 14 \end{array} \qquad \begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array} \qquad \begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array} \qquad \begin{array}{r} 14 \\ - 8 \\ \hline 6 \end{array} \end{array}$$

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

E.X. 3.5

1. 70 Km \rightarrow Distance travelled on Monday
– 29 Km \rightarrow Distance travelled on Tuesday
41 Km \rightarrow More distance travelled on Monday
 \therefore Anuj travelled 41 km more on Monday
2. 101 \rightarrow Total students in the class
– 64 \rightarrow students went for picnic
37 \rightarrow Students did not go for picnic
 \therefore 37 students did not go for picnic
3. 52 \rightarrow Total handkerchieves
– 15 \rightarrow Handkerchieves given to children
37 \rightarrow Handkerchieves left
 \therefore 37 handkerchieves were left

Sum up

1. (d)

2.

$$\begin{array}{r} \text{(a)} \quad \overset{6}{7} \overset{12}{2} \\ - 45 \\ \hline 27 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \overset{5}{6} \overset{10}{0} \\ - 21 \\ \hline 39 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \overset{4}{5} \overset{13}{3} \\ - 38 \\ \hline 15 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \overset{7}{8} \overset{14}{4} \\ - 16 \\ \hline 68 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 98 \\ - 27 \\ \hline 71 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad 99 \\ - 77 \\ \hline 22 \end{array}$$

$$\begin{array}{r} \text{(g)} \quad \overset{5}{6} \overset{11}{1} \\ - 45 \\ \hline 16 \end{array}$$

$$\begin{array}{r} \text{(h)} \quad \overset{8}{9} \overset{13}{3} \\ - 29 \\ \hline 64 \end{array}$$

3.

$$\begin{array}{r} \text{(a)} \quad \overset{7}{8} \overset{11}{1} \\ - 62 \\ \hline 19 \end{array} \quad \begin{array}{r} \text{Check} \\ \overset{1}{1} 9 \\ + 62 \\ \hline 81 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \overset{6}{7} \overset{10}{0} \\ - 57 \\ \hline 13 \end{array} \quad \begin{array}{r} \text{Check} \\ \overset{1}{1} 3 \\ + 57 \\ \hline 70 \end{array}$$

	Check		Check
(c) 68	56	(d) 82	42
-12	$+12$	-40	$+40$
56	68	42	82

4. Number of books Hemant has = 82

Number of books Arya has = -58
 $= 24$

∴ Hemant has 24 more books

5. Number of Mobile Phones Mohit Sold = 85

Number of Mobile phones Abhay Sold = -65
 20

Mohit sold 20 more mobile phones

6. Number of toffees Ankita has = 60

Number of toffees brother had less = -48
than Ankita 12

∴ Brother had 12 toffees

Worksheet

Do Yourself

CHAPTER 04

E.X. 4.1

1. (a) $3 + 3 + 3 + 3 = 12$ $3 \times 4 = 12$

(b) $5 + 5 + 5 = 15$ $5 \times 3 = 15$

(c) $4 + 4 + 4 + 4 + 4 = 20$ $4 \times 5 = 20$

(d) $6 + 6 + 6 = 18$ $6 \times 3 = 18$

2. (a) $10 + 10 = 20$ $2 \times 10 = 20$

(b) $5 + 5 + 5 + 5 + 5 = 25$ $5 \times 5 = 25$

3. $4 \times 6 = 4 + 4 + 4 + 4 + 4 + 4 = 24$

$5 \times 4 = 5 + 5 + 5 + 5 = 20$

$4 \times 7 = 4 + 4 + 4 + 4 + 4 + 4 + 4 = 28$

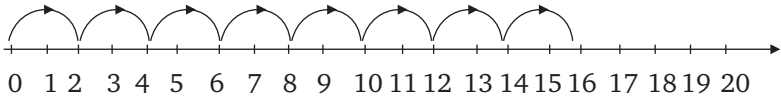
$5 \times 8 = 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 40$

E.X. 4.2

1. $4 + 4 + 4 = 12$

$4 \times 3 = 12$

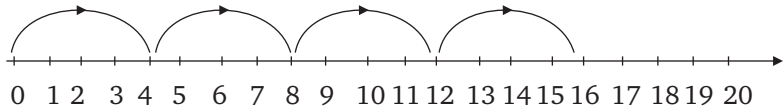
2. 2×8



$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{16}$$

$$\boxed{2} \times \boxed{8} = \boxed{16}$$

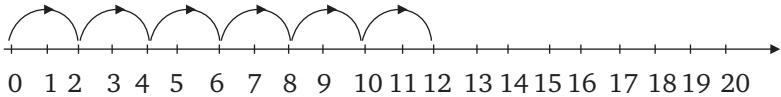
3. 4×4



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

$$4 \times 4 = 16$$

4. 2×6



$$\boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} = \boxed{12}$$

$$\boxed{2} \times \boxed{6} = \boxed{12}$$

E.X. 4.3

1. Multiply by 2

$$9 \times 2 = 18$$

$$0 \times 2 = 0$$

$$8 \times 2 = 16$$

$$6 \times 2 = 12$$

Multiply by 7

$$3 \times 7 = 21$$

$$2 \times 7 = 14$$

$$7 \times 7 = 49$$

$$6 \times 7 = 42$$

Multiply by 6 y 6

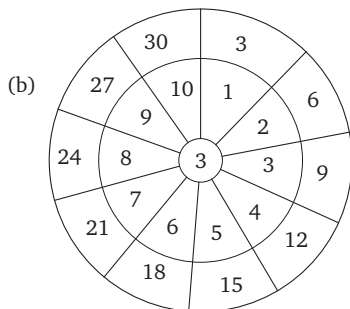
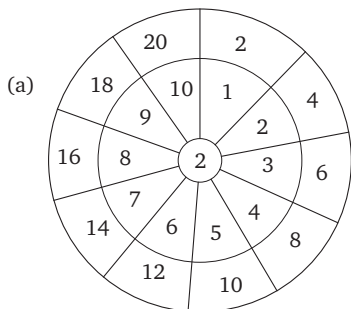
$$6 \times 6 = 36$$

$$8 \times 6 = 48$$

$$2 \times 6 = 12$$

$$4 \times 6 = 24$$

2.



3. $2 \times 9 = 18$

$1 \times 8 = 8$

$9 \times 5 = 45$

$1 \times 5 = 5$

$5 \times 5 = 25$

$7 \times 7 = 49$

$3 \times 3 + 9$

$2 \times 6 = 12$

$6 \times 6 = 36$

$3 \times 5 = 15$

$8 \times 2 = 16$

$2 \times 4 = 8$

4. (a) $4 \times 3 = 12$

Ans. = 12 legs

(b) $4 \times 8 = 32$

Ans. = 32 erasers

(c) $4 \times 5 = 20$

Ans. 20 wheels

(d) $4 \times 7 = 28$

Ans. 28 corners

E.X. 4.4

1. $9 \times 1 = 9$

$10 \times 0 = 0$

$0 \times 7 = 0$

$3 \times 1 = 3$

$6 \times 0 = 0$

$1 \times 1 = 1$

$2 \times 0 = 0$

$4 \times 1 = 4$

$7 \times 1 = 7$

$8 \times 0 = 0$

$6 \times 1 = 6$

$10 \times 0 = 0$

$8 \times 1 = 8$

$5 \times 1 = 5$

$7 \times 0 = 0$

$9 \times 0 = 0$

2. Do Yourself

E.X. 4.5

$$\begin{array}{r} \mathbf{1.} \quad \text{T O} \\ 21 \\ \times 4 \\ \hline 84 \end{array}$$

$$\begin{array}{r} \mathbf{2.} \quad \text{T O} \\ 33 \\ \times 3 \\ \hline 99 \end{array}$$

$$\begin{array}{r} \mathbf{3.} \quad \text{T O} \\ 22 \\ \times 3 \\ \hline 66 \end{array}$$

$$\begin{array}{r} \mathbf{4.} \quad \text{T O} \\ 11 \\ \times 6 \\ \hline 66 \end{array}$$

$$\begin{array}{r} \mathbf{5.} \quad \text{T O} \\ 40 \\ \times 2 \\ \hline 80 \end{array}$$

$$\begin{array}{r} \mathbf{6.} \quad \text{T O} \\ 14 \\ \times 2 \\ \hline 28 \end{array}$$

$$\begin{array}{r} \mathbf{7.} \quad \text{T O} \\ 32 \\ \times 3 \\ \hline 96 \end{array}$$

$$\begin{array}{r} \mathbf{8.} \quad \text{T O} \\ 20 \\ \times 4 \\ \hline 80 \end{array}$$

$$\begin{array}{r} \mathbf{9.} \quad \text{T O} \\ 43 \\ \times 3 \\ \hline 129 \end{array}$$

$$\begin{array}{r} \mathbf{10.} \quad \text{T O} \\ \overset{1}{2}4 \\ \times 3 \\ \hline 72 \end{array}$$

$$\begin{array}{r} \mathbf{11.} \quad \text{T O} \\ 32 \\ \times 2 \\ \hline 64 \end{array}$$

$$\begin{array}{r} \mathbf{12.} \quad \text{T O} \\ 41 \\ \times 3 \\ \hline 123 \end{array}$$

Worksheet

$3 \times 9 = 27$

$3 \times 6 = 18$

$3 \times 3 = 9$

$3 \times 2 = 6$

$6 \times 4 = 24$

$6 \times 6 = 36$

$4 \times 7 = 28$

$4 \times 2 = 8$

$4 \times 9 = 36$

$4 \times 5 = 20$

$6 \times 8 = 48$

$6 \times 3 = 18$

E.X. 5.1

$28 \div 4$

$$\begin{array}{r}
 28 \\
 -4 \quad \dots(1) \\
 \hline
 24 \\
 -4 \quad \dots(2) \\
 \hline
 20 \\
 -4 \quad \dots(3) \\
 \hline
 16 \\
 -4 \quad \dots(4) \\
 \hline
 12 \\
 -4 \quad \dots(5) \\
 \hline
 8 \\
 -4 \quad \dots(6) \\
 \hline
 4 \\
 -4 \quad \dots(7) \\
 \hline
 0
 \end{array}$$

$28 \div 4 = 7$

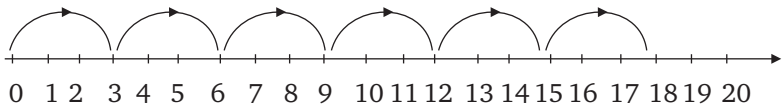
$28 \div 4$

$$\begin{array}{r}
 36 \\
 -4 \quad \dots(1) \\
 \hline
 32 \quad \dots(1) \\
 -4 \quad \dots(2) \\
 \hline
 28 \\
 -4 \quad \dots(3) \\
 \hline
 24 \\
 -4 \quad \dots(4) \\
 \hline
 20 \\
 -4 \quad \dots(5) \\
 \hline
 16 \\
 -4 \quad \dots(6) \\
 \hline
 12 \\
 -4 \quad \dots(7) \\
 \hline
 8 \\
 -4 \quad \dots(8) \\
 \hline
 4 \\
 -4 \quad \dots(9) \\
 \hline
 0
 \end{array}$$

$36 \div 4 = 9$

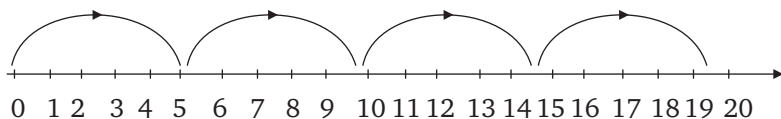
E.X. 5.2

$18 \div 3$



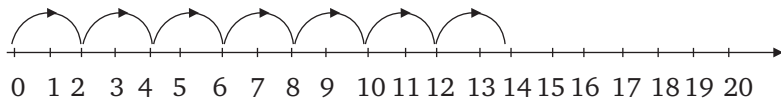
$18 \div 3 = 6$

$20 \div 5$



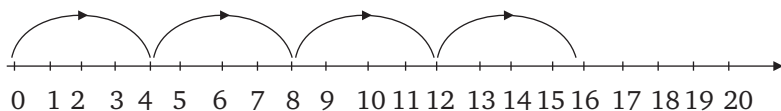
$20 \div 5 = 4$

$14 \div 2$



$14 \div 2 = 7$

$16 \div 4$



$16 \div 4 = 4$

E.X. 5.3

1.

Multiplication fact

$6 \times 7 = 42$

$2 \times 4 = 8$

$3 \times 9 = 27$

$4 \times 9 = 36$

$5 \times 2 = 10$

$9 \times 8 = 72$

$8 \times 6 = 48$

$2 \times 9 = 18$

Division facts

$42 \div 7 = 6$

$8 \div 4 = 2$

$27 \div 9 = 3$

$36 \div 9 = 4$

$10 \div 2 = 5$

$72 \div 8 = 9$

$48 \div 6 = 8$

$18 \div 9 = 2$

$42 \div 6 = 7$

$8 \div 2 = 4$

$27 \div 3 = 9$

$36 \div 4 = 9$

$10 \div 5 = 2$

$72 \div 9 = 8$

$48 \div 8 = 6$

$18 \div 2 = 9$

2. Dividend Divisor Quotient

$42 \div 7 = 6$

$48 \div 8 = 6$

$36 \div 6 = 6$

$32 \div 4 = 8$

$$63 \div 9 = 7$$

$$35 \div 5 = 7$$

$$27 \div 9 = 3$$

$$16 \div 2 = 8$$

$$12 \div 3 = 4$$

$$64 \div 8 = 8$$

3. Write the Division Write the Multiplication

$$6 \times 5 = 30$$

$$36 \div 9 = 4$$

$$30 \div 5 = 6$$

$$4 \times 9 = 36$$

$$8 \times 9 = 72$$

$$35 \div 7 = 5$$

$$72 \div 9 = 8$$

$$7 \times 5 = 35$$

$$9 \times 7 = 63$$

$$49 \div 7 = 7$$

$$63 \div 7 = 9$$

$$7 \times 7 = 49$$

$$8 \times 7 = 56$$

$$80 \div 8 = 10$$

$$56 \div 7 = 8$$

$$10 \times 8 = 80$$

$$9 \times 6 = 54$$

$$21 \div 7 = 3$$

$$54 \div 6 = 9$$

$$3 \times 7 = 21$$

E.X. 5.4

1.
$$\begin{array}{r} 2 \\ 3 \overline{) 8} \\ \underline{-6} \\ 2 \end{array}$$

2.
$$\begin{array}{r} 8 \\ 3 \overline{) 79} \\ \underline{-72} \\ 07 \end{array}$$

3.
$$\begin{array}{r} 7 \\ 5 \overline{) 39} \\ \underline{-35} \\ 04 \end{array}$$

4.
$$\begin{array}{r} 5 \\ 3 \overline{) 17} \\ \underline{-15} \\ 02 \end{array}$$

5.
$$\begin{array}{r} 9 \\ 4 \overline{) 39} \\ \underline{-36} \\ 03 \end{array}$$

6.
$$\begin{array}{r} 8 \\ 8 \overline{) 69} \\ \underline{-64} \\ 05 \end{array}$$

7.
$$\begin{array}{r} 7 \\ 4 \overline{) 29} \\ \underline{-28} \\ 01 \end{array}$$

8.
$$\begin{array}{r} 7 \\ 7 \overline{) 51} \\ \underline{-49} \\ 02 \end{array}$$

E.X. 5.5

$$\begin{array}{r} 1. \quad 8 \overline{)64} \\ \underline{-64} \\ 00 \end{array}$$

Ans. 8 packets

Worksheet

$18 \div 3 = 6$

$6 \times 3 = 18$

$3 \times 6 = 18$

$20 \div 5 = 4$

$4 \times 5 = 20$

$5 \times 4 = 20$

$6 \times 8 = 48$

$48 \div 8 = 6$

$48 \div 6 = 8$

$$\begin{array}{r} 2. \quad 8 \overline{)56} \\ \underline{56} \\ 00 \end{array}$$

Ans. 7 mangoes

$4 \times 7 = 28$

$28 \div 4 = 7$

$28 \div 7 = 4$

$7 \times 3 = 21$

$21 \div 3 = 7$

$21 \div 7 = 3$

$15 \div 3 = 5$

$5 \times 3 = 15$

$3 \times 5 = 15$

$$\begin{array}{r} 3. \quad 8 \overline{)56} \\ \underline{-56} \\ 00 \end{array}$$

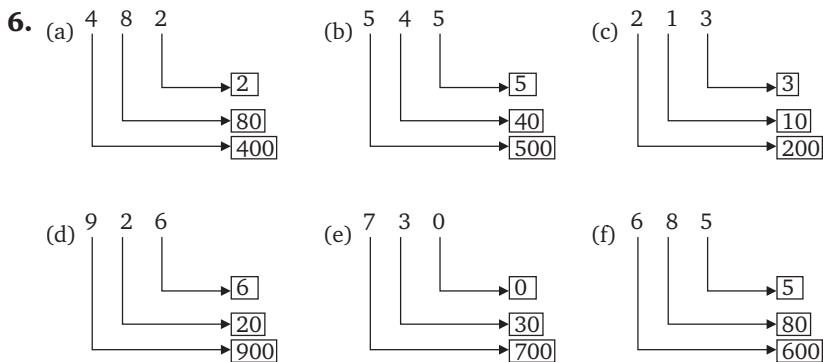
Ans. 7 vans

CHAPTER 06

E.X. 6.1

201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230
231	232	233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288	289	290
291	292	293	294	295	296	297	298	299	300

2. (a) 4 hundreds 1 ten 5 ones
 (b) 3 hundreds 5 ten 3 ones
 (c) 7 hundreds 6 ten 7 ones
3. (a) 509 (b) 239
 (c) 416 (d) 492
 (e) 984 (f) 734
4. (a) 6 ones 961 623 93⑥
 (b) 7 ones 703 30⑦ 870
 (c) 2 tens 1②2 290 902
 (d) 8 hundreds 485 ⑧56 389
 (e) 4 ones 40④ 456 348
 (f) 3 tens 302 1③4 684
 (g) 5 hundreds ⑤02 254 365
5. (a) tens, 8 (b) hundreds, 2
 (c) ones (d) 55



Beat the Clock

476

122

541

830

E.X. 6.2

1. (a) $769 = 7 \text{ hundreds} + 6 \text{ tens} + 9 \text{ ones}$
 $= 700 + 60 + 9$
- (b) $932 = 9 \text{ hundreds} + 3 \text{ tens} + 2 \text{ ones}$
 $= 900 + 30 + 2$
- (c) $548 = 5 \text{ hundreds} + 4 \text{ tens} + 8 \text{ ones}$
 $= 500 + 40 + 8$
- (d) $602 = 6 \text{ hundreds} + 0 \text{ tens} + 2 \text{ ones}$
 $600 + 00 + 2$
2. (a) 530 (b) 491
(c) 808 (d) 687
(e) 768 (f) 546
(g) 325 (h) 985

E.X. 6.3

	10 more than	10 less than	100 more than	100 less than
303	313	293	403	203
722	732	712	822	622
117	127	107	217	17
815	825	805	915	715
480	490	470	580	380
959	969	949	1059	859
548	558	538	648	448
215	225	205	315	115
637	647	627	737	537

E.X. 6.4

1. (a) 250 (b) 414 (c) 734
(d) 552 (e) 512 (f) 691
(g) 749 (h) 672 (i) 291
(j) 321

- | | | | |
|--------------------|----------|----------|----------|
| 2. Greatest | Smallest | Greatest | Smallest |
| (a) 951 | 834 | (b) 601 | 488 |
| (c) 340 | 101 | (d) 794 | 479 |
| (e) 417 | 401 | (f) 799 | 749 |
| (g) 990 | 240 | (h) 911 | 899 |
- 3.** (a) 985 (b) 277 (c) 963 (d) 514
 (e) 814 (f) 365
- 4.** (a) 126, 127, 128, 129 (b) 777, 778, 779, 780, 781
 (c) 433, 434, 435, 436 (d) 395, 396, 397, 398
- 5.** (a) 408, 418, 480 (b) 812, 822, 832
 (c) 726, 760, 762 (d) 218, 280, 289
- 6.** (a) 892, 607, 109 (b) 634, 318, 274
 (c) 693, 377, 293 (d) 829, 628, 608

Beat the Clock

218, 224, 419, 784

E.X. 6.5

- 1.** Seats in first class = 236 $500 > 236$

Seats in second class = 500

$$\begin{array}{r} 4 \ 9 \ 10 \\ 500 \end{array}$$

Second Class has 264 more seats than first class

$$- 236$$

- 2.** Photos taken by Amit this month = 176

$$\underline{\underline{264}}$$

Photos taken by Amit last month = $176 - 100$

$$\therefore \quad \quad \quad 176$$

$$- 100$$

$$\underline{\underline{76}}$$

Ans. 76 Photos taken last month

- 3.** Number of tigers in Rajaji National Park = 228

Number of tigers in Kings Canyon National Park = 242

$$242 > 228$$

$$\begin{array}{r} ^3 ^{12} \\ 242 \\ - 228 \\ \hline 014 \end{array}$$

King Canyon National Park has 14 more tigers than Rajaji National Park

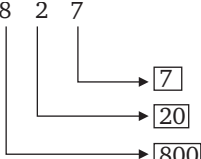
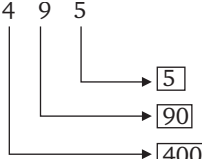
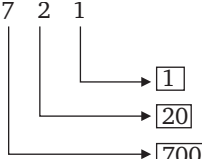
4. Right now Anika has = $500 - 1$

$$\begin{array}{r} ^4 ^9 ^{10} \\ 500 \\ - 1 \\ \hline 499 \end{array}$$

Ans. 499 beads

Sum up

1. (a) T (b) T (c) F (d) T (e) T
2. (a) $518 < 548 < 834$
3. (a) $326 = 300 + 20 + 6$ (b) $999 = 900 + 90 + 9$
 (c) $441 = 400 + 40 + 1$ (d) $800 = 800 + 00 + 0$
4. (a) 237 (b) 763 (c) 604 (d) 983
 (e) 600 (f) 980 (g) 740 (h) 710

5. (a)  (b)  (c) 

E.X. 7.1
1.

$$\begin{array}{r}
 \text{(a)} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \textcircled{1} \\
 3 \quad 8 \quad 5 \\
 + 5 \quad 2 \quad 3 \\
 \hline
 9 \quad 0 \quad 8
 \end{array}$$

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

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

$$\begin{array}{r}
 \text{(d)} \quad \text{H} \quad \text{T} \quad \text{O} \\
 5 \quad 8 \quad 1 \\
 1 \quad 0 \quad 5 \\
 + 6 \quad 8 \quad 6 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \text{(e)} \quad \text{H} \quad \text{T} \quad \text{O} \\
 3 \quad 3 \quad 4 \\
 + 2 \quad 6 \quad 2 \\
 \hline
 5 \quad 9 \quad 6
 \end{array}$$

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

$$\begin{array}{r}
 \text{(g)} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \textcircled{1} \\
 5 \quad 6 \quad 2 \\
 + 4 \quad 7 \quad 6 \\
 \hline
 1 \quad 0 \quad 38
 \end{array}$$

$$\begin{array}{r}
 \text{(h)} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \textcircled{1} \quad \textcircled{1} \\
 7 \quad 6 \quad 1 \\
 + 2 \quad 3 \quad 9 \\
 \hline
 10 \quad 0 \quad 0
 \end{array}$$

2. 423 kg
 345 kg
 768 kg
 Ans. 768 kg

3. Black fishes = 243
 Silver fishes = 406
 Total fishes = 649

Beat the Clock

1. (a) $37 - 26 = \underline{11}$ marbles

(b) $37 + 26 = \underline{63}$ marbles

(c) $100 - 63 = \underline{37}$ marbles

2. $14 + 12 = 26$ fishes

E.X. 7.2

1. (a) $739 - 216$

$$\begin{array}{r}
 739 = 7 \text{ hundreds } 3 \text{ tens } 9 \text{ ones} \\
 - 216 = 2 \text{ hundreds } 1 \text{ tens } 6 \text{ ones} \\
 \hline
 5 \text{ hundreds } 2 \text{ tens } 3 \text{ ones} \\
 \hline
 739 - 216 = 523
 \end{array}$$

(b) $876 - 431$

	876	8	hundreds	7	tens	6	ones
-	431	4	hundreds	3	tens	1	ones
		4	hundreds	4	tens	5	ones

$\therefore 876 - 431 = 445$

2.

(a)

	H	T	O
	5	4	4
-	1	2	5
	4	2	1

(b)

	H	T	O
	8	9	5
-	7	6	7
	1	2	8

(c)

	H	T	O
	$\overset{5}{6}$	$\overset{18}{8}$	9
-	4	9	6
	1	9	3

(d)

	H	T	O
	3	9	7
-	1	8	6
	2	1	1

(e)

	H	T	O
	$\overset{8}{9}$	$\overset{17}{7}$	5
-	3	9	2
	5	8	3

(f)

	H	T	O
	7	$\overset{7}{8}$	$\overset{14}{4}$
-	3	0	8
	4	7	6

(g)

	H	T	O
	6	$\overset{1}{2}$	$\overset{10}{0}$
-	3	0	5
	3	1	5

(h)

	H	T	O
	5	3	6
-	2	1	4
	3	2	2

(i)

	H	T	O
	9	9	9
-	4	5	6
	5	4	3

$$\begin{array}{r}
 \text{(j)} \quad \text{H T O} \\
 \quad \quad \overset{5}{6} \quad \overset{10}{0} \quad 9 \\
 - \quad 3 \quad 2 \quad 5 \\
 \hline
 \quad \quad 2 \quad 8 \quad 4
 \end{array}$$

$$\begin{array}{r}
 \text{(k)} \quad \text{H T O} \\
 \quad \quad 4 \quad 5 \quad 0 \\
 - \quad 2 \quad 0 \quad 0 \\
 \hline
 \quad \quad 2 \quad 5 \quad 0
 \end{array}$$

$$\begin{array}{r}
 \text{(l)} \quad \text{H T O} \\
 \quad \quad 7 \quad 5 \quad 6 \\
 - \quad 3 \quad 2 \quad 5 \\
 \hline
 \quad \quad 4 \quad 3 \quad 1
 \end{array}$$

E.X. 7.3

		HTO
1.	total sacks of food =	365
	Sacks used =	<u>- 50</u>
	Sacks Left =	<u>315</u>

Ans. = 315 sacks left

2. Coins Sid had = 62

Coins brother gave = +48

$$\underline{\underline{110}}$$

∴ Sid has 100 coins

3. Toys in the shop = $\overset{3}{4} \overset{16}{7} \overset{15}{5}$

Toys sold on Sunday = - 298

Toys left in the shop = 177

4. Passengers in first bus = $\overset{\textcircled{1}}{7} 6$

Passengers in second bus = +74

Total Passengers = 150

∴ Ans = 150 Passengers

5. People visited the Museum on Sunday = $\overset{\textcircled{0}}{5} \overset{\textcircled{0}}{9} 6$

People Visited the Museum on Monday = +245

∴ Total people visited the museum = 841

6. ∴ Ans. 841 People

$$835$$

$$+ \quad \underline{264}$$

$$\underline{\underline{1099}}$$

∴ Abhi needs to read up to 1099 page

7. Dolls produced on Monday = $\overset{\textcircled{0}}{5}\overset{\textcircled{0}}{5}4$

Dolls produced on Tuesday = 346

$$\underline{\quad 900}$$

∴ Ans 900 dolls produced

8. Questions solved in Mathematics = $\overset{\textcircled{0}}{9}8$

Questions solved in Science = 72

∴ Questions solved in all = $\underline{\overset{\textcircled{0}}{170}}$

∴ Ans 170 Questions solved

Mental Maths

(a) $6 - 5 = 1$

(b) $4 + 5 = 9$

$26 - 5 = 21$

$84 + 5 = 89$

Sum up

1. (a) (ii)

(b) (iv)

(c) (iii)

(d) (i)

2. (a) $\overset{\textcircled{0}}{8}8$
 $+ \underline{65}$
 $\underline{153}$

(b) $\overset{\textcircled{0}}{7}56$
 $+ \underline{53}$
 $\underline{809}$

(c) $\overset{\textcircled{0}}{5}14$
 $+ \underline{246}$
 $\underline{760}$

(d) 800
 $+ \underline{375}$
 $\underline{1175}$

$$\begin{array}{r}
 \text{3. (a)} \quad 290 \\
 - 60 \\
 \hline
 230
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(b)} \quad 348 \\
 - 206 \\
 \hline
 142
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(c)} \quad \begin{array}{r} 5 \\ 14 \end{array} \\
 564 \\
 - 218 \\
 \hline
 346
 \end{array}$$

$$\begin{array}{r}
 \text{(d)} \quad \begin{array}{r} 6 \\ 15 \end{array} \\
 756 \\
 - 295 \\
 \hline
 461
 \end{array}$$

$$\begin{array}{r}
 \text{4. (a)} \quad 120 \\
 - 70 \\
 \hline
 190
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(b)} \quad 700 \\
 - 9 \\
 \hline
 709
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(c)} \quad 632 \\
 + 165 \\
 \hline
 797
 \end{array}
 \qquad
 \begin{array}{r}
 \text{(d)} \quad 305 \\
 + 92 \\
 \hline
 397
 \end{array}$$

Mental Maths

$$\begin{array}{r}
 865 \\
 - \boxed{341} \\
 \hline
 524
 \end{array}
 \qquad
 \begin{array}{r}
 \begin{array}{r} 3 \\ 11 \\ 11 \end{array} \\
 421 \\
 - 326 \\
 \hline
 \boxed{095}
 \end{array}
 \qquad
 \begin{array}{r}
 \boxed{954} \\
 + 22 \\
 \hline
 976
 \end{array}
 \qquad
 \begin{array}{r}
 \textcircled{1} \\
 147 \\
 + 72 \\
 \hline
 \boxed{219}
 \end{array}$$

$$\begin{array}{r}
 135 \\
 - \boxed{3} \\
 \hline
 132
 \end{array}
 \qquad
 \begin{array}{r}
 \boxed{1095} \\
 - 431 \\
 \hline
 \boxed{664}
 \end{array}$$

Work Sheet

$$\begin{array}{r}
 \begin{array}{r} 0 \\ 9 \\ 14 \end{array} \\
 104 \\
 - 86 \\
 \hline
 18
 \end{array}
 \qquad
 \begin{array}{r}
 \begin{array}{r} 0 \\ 11 \end{array} \\
 11 \\
 - 8 \\
 \hline
 3
 \end{array}
 \qquad
 \begin{array}{r}
 108 \\
 - 103 \\
 \hline
 005
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{r} 1 \\ 11 \end{array} \\
 216 \\
 - 154 \\
 \hline
 062
 \end{array}
 \qquad
 \begin{array}{r}
 360 \\
 - 240 \\
 \hline
 120
 \end{array}
 \qquad
 \begin{array}{r}
 \begin{array}{r} 7 \\ 10 \\ 10 \end{array} \\
 810 \\
 - 78 \\
 \hline
 732
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{r} 1 \\ 516 \end{array} \\
 + 215 \\
 \hline
 731
 \end{array}
 \qquad
 \begin{array}{r}
 \begin{array}{r} 1 \\ 39 \end{array} \\
 + 11 \\
 \hline
 50
 \end{array}
 \qquad
 \begin{array}{r}
 \begin{array}{r} 1 \\ 27 \end{array} \\
 + 8 \\
 \hline
 35
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{r} 1 \\ 10 \end{array} \\
 20 \\
 - 3 \\
 \hline
 17
 \end{array}$$

Even

18
62
120
732
50

odd

3
5
731
35
17


CHAPTER 08
E.X. 8.1**1.** Do Yourself**2.** Do Yourself**3.** 2m, 5m, 25cm, 25cm**4.** (a) Saree (b) Bed (c) Bus (d) Car**5.** (a) Eraser (b) Phone (c) Brush (d) Pillow**E.X. 8.2****1.** (a) Cup (b) Glass (c) Spoon (d) Tumbler**2.** (a) Jug (b) Water bottle (c) Bucket (d) Can**3.** (a) *l* (b) *ml* (c) *l* (d) *ml*(e) *ml* (f) *ml* (g) *l* (h) *ml*(i) *l***E.X. 8.3****1. Do Yourself****2.** (a) Your weight ✓ (b) Elephant ✓

(c) Book ✓ (d) Sack of rice ✓

3. (a) 5 kg (b) 4 kg

(c) 1 kg (d) 10 kg

4. (a) g (b) g (c) kg (d) kg

(e) kg (f) kg (g) g (h) kg

(i) g (j) g

5. (b) $11 \text{ kg} = 10 \text{ kg} + 1 \text{ kg}$
(c) $12 \text{ kg} = 10 \text{ kg} + 2 \text{ kg}$
(d) $18 \text{ kg} = 10 \text{ kg} + 5 \text{ kg} + 2 \text{ kg} + 1 \text{ kg}$
(e) $17 \text{ kg} = 10 \text{ kg} + 5 \text{ kg} + 2 \text{ kg}$
(f) $8 \text{ kg} = 5 \text{ kg} + 2 \text{ kg} + 1 \text{ kg}$
(g) $13 \text{ kg} = 10 \text{ kg} + 2 \text{ kg} + 1 \text{ kg}$
(h) $7 \text{ kg} = 5 \text{ kg} + 2 \text{ kg}$

Sum up

1. (a) (ii) (b) (iv) (c) (i)
2. (a) 50 ml, 99 ml, 107ml, 200 ml
 (b) 14 ml, 65 ml, 75 ml, 90 ml
3. (a) kg (b) cm (c) l
4. (a) m (b) cm (c) m (d) m

 **CHAPTER 09**

E.X. 9.1

1. Do Yourself
2. (a) Cuboid (b) Cube (c) Cone (d) Cuboid
 (e) Cylinder (f) sphere
3. (a) (iv) (b) (v) (c) (ii) (d) (i)
 (e) (iii)

E.X. 9.2

1. (a) (ii) (b) (iv) (c) (i) (d) (iii)
2. (b) 2 horizontal (c) 1 horizontal
 1 standing 1 standing
(d) 1 slanting (e) 2 Standing
 2 standing 2 Slanting

- (f) 4 slanting
 (h) 2 horizontal
 1 slanting

(g) 2 Slanting

3. Do Yourself

Activity




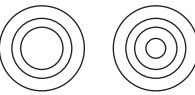
Do Yourself

E.X. 9.3

1.  2.  3.  4. **B** 5. **M**

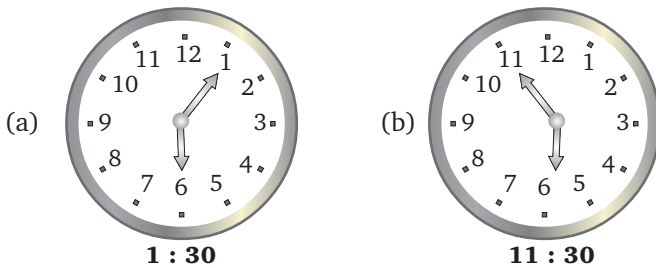
Sum up

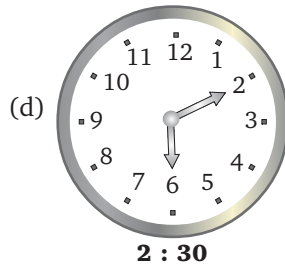
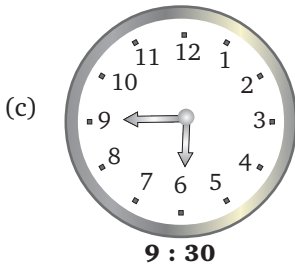
1. Do Yourself

2. (a)  (b) 
 (c)  (d) 

CHAPTER 10

E.X. 10.1





2. (a) 12 : 30 (b) 7 : 30 (c) 6 : 30 (d) 2 : 30
 (e) 3 : 30 (f) 10 : 30 (g) 11 : 30 (h) 9 : 30
3. (a) 1 (b) 60 (c) half-an-hour (d) 30 minutes
 (e) 60 minutes (f) short (g) minute

Activity

Yesterday
 Sunday
 Monday
 Wednesday
 Friday

Today
 Monday
 Tuesday
 Thursday
 Saturday

Tomorrow
 Tuesday
 Wednesday
 Friday
 Sunday

E.X. 10.2

1. (a) Thursday (b) Sunday (c) Friday
 (d) Monday (e) Tuesday (f) Sunday
2. Do Yourself

E.X. 10.3

1. (a) Thursday (b) Four (c) Four
 (d) Woking days (e) 31 (f) 29
2. (a) May (b) 2 Months (c) December, January
 (d) October (e) November
 (f) 30 days—June, September 31 Days—January, March

3. (a) 29 (b) 31 (c) 366 (d) 12
(e) March (f) Fifth (g) December

Sum up

1. (a) (ii) (b) (i) (c) (iv)
2. (a) January (b) July (c) Sunday
3. 6 : 30
4. (a) January (b) December (c) June
(d) Do Yourself

 **CHAPTER 11**

E.X. 11.1

- (a) (iii) (b) (iv) (c) (i) (d) (ii)

E.X. 11.2

1. (a) Twenty rupees and Seventy Five paise.
(b) Twenty-five rupees and thirty Paise.
(c) Sixty rupees and sixty five paise.
(d) Fifty rupees and eight paise.
(e) Sixty five rupees and eighty paise.
(f) Seventy-five rupees and Seventy-five paise.
(g) Fifteen rupees and twenty paise.
(h) Thirty rupees and five paise.
2. (a) ₹ 39.50 (b) ₹ 70.07 (c) ₹ 100.04
(d) ₹ 160.20 (e) ₹ 40.29 (f) 32.85
(g) ₹ 54.19 (h) ₹ 82.06

E.X. 11.3

1. Add

(a)	₹	P	(b)	₹	P	(c)	₹	P
	45	65		⁰ 57	34		92	13
	+ 43	23		+ 45	21		+ 46	15
	<hr/>			<hr/>			<hr/>	
	88	88		102	55		138	28

(d)	₹	P	(e)	₹	P	(f)	₹	P
	34	26		73	75		65	85
	+ 33	21		+ 25	12		+ 34	10
	<hr/>			<hr/>			<hr/>	
	67	47		98	87		99	95

2. Subtract

(a)	₹	P	(b)	₹	P	(c)	₹	P
	86	44		89	95		37	² ₁₆ 36
	- 21	22		- 56	54		- 36	18
	<hr/>			<hr/>			<hr/>	
	65	22		33	41			

(d)	₹	P	(e)	₹	P	(f)	₹	P
	35	45		² ₂₄	¹¹ ₁₃		47	36
	+ 20	20		+ 13	20		+ 25	25
	<hr/>			<hr/>			<hr/>	
	15	25		10	93		22	11

E.X. 11.4

1. ₹ ⁰98

$$\begin{array}{r} + ₹ 35 \\ \hline 133 \end{array}$$

Ans. 133

2. ₹ 50

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

Ans. 100

3. ₹ ⁷₁₀80

$$\begin{array}{r} - ₹ 75 \\ \hline ₹ 05 \end{array}$$

Ans. 5

4. ₹ 50

$$\begin{array}{r} - ₹ 15 \\ \hline ₹ 35 \end{array}$$

Ans. ₹ 35

5. ₹ ⁷₁₀80

$$\begin{array}{r} - ₹ 25 \\ \hline 55 \end{array}$$

Ans. ₹ 52

6. ₹ 22

$$\begin{array}{r} + ₹ 30 \\ \hline ₹ 52 \end{array}$$

Worksheet

Gopal's bill		Sid's bill	
Items	Amount	Items	Amount
Mug	₹ 10	Ball	₹ 60 [⊕]
Tower	₹ 25	Teapot	₹ 54
Toothpaste	₹ 30	Colours	₹ 40
Bag	₹ 77	Book	₹ 37
	₹ 142		₹ 191

Whose bill is more ? = Sid

By how much = ₹ 49

$$\begin{array}{r}
 \overset{8}{1} \overset{11}{9} 1 \\
 - 142 \\
 \hline
 049
 \end{array}$$





CHAPTER 12

- 1-digit Numbers 8, 9, 6, 5, 4, 9 2-digit Numbers 21, 10, 12, 30, 60, 20, 14, 23, 11, 16, 19
- 3 letter names 4 letter names 5 letter names 6 letter names
 Kim Mike Manvi Nayyar
 Lee Ojas Komal Jaspal
 Henry Rashmi
 Jenny Farhan
 Neeta
- (a) 25 (b) 15 (c) 5 (d) 15
 (e) 70
- (a) September, June (b) July (c) April
 (d) 5






5.

Ice cream	
Hamburger	
Hotdog	
Cake	
Pizza	

6.

Animal	Number
Cats	
Dogs	
Rabbits	
Cows	

Activity

Weight	Number of Children
22 kg	
23 kg	
24 kg	
25 kg	
26 kg	

Worksheet

7 days Sunny
11 days cloudy

6 days rainy
(11-7) 4 days

Maths MAGIC



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