

DETAILED SOLUTIONS

CHAPTER 1 : SPATIAL UNDERSTANDING

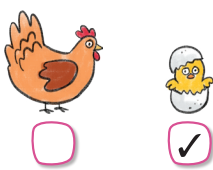
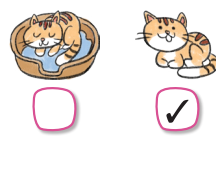


Get Ready

1. The teddy bear is on the home.
2. The friends are waiting outside the room.

Life Skills (Page 8)

1. The lion is outside / **inside** the cage.
2. The cubs are inside / **outside** the cage.

Practice Time 1A

1. 
2. 
3. 
4. 

Activity (Page 10)

1. 3
2. Tiranga
3. In the middle of the white strip

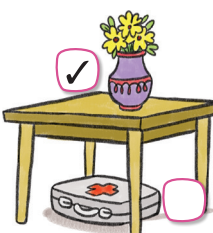

Practice Time 1B

1. (b) A cat is sitting at the **top/bottom** of the tree.
2. (a) A teddy bear is at the **top/bottom** of the rack.
(b) A toy car is at the **top/bottom** of the rack.

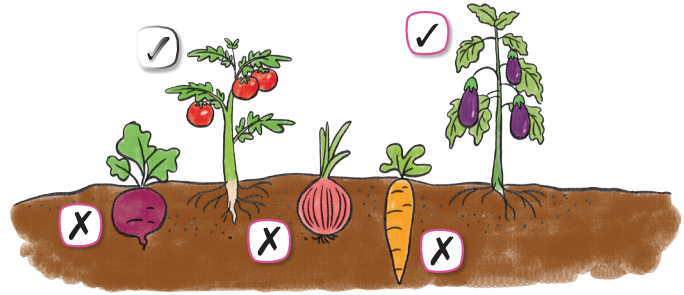
Challenge Question (Page 11)

- It is flying above the clouds

Practice Time 1C

1. 
2. 



Maths Connect (Page 12)



Think Tank (Page 13)

- After 

Practice Time 1D

1. 
2. 

Think Tank (Page 14)

1. Rohan
2. Rohan is clearly seen near the pole.
3. Yes

Practice Time 1E

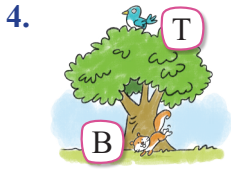
1. 
2. 
3. 

Mental Maths (Page 15)

- Inside the refrigerator
- Under the blanket
- Throw it far away
- On the table

Chapter Assessment

- (c)
- (c)



CHAPTER 2 : NUMBERS UP TO 20

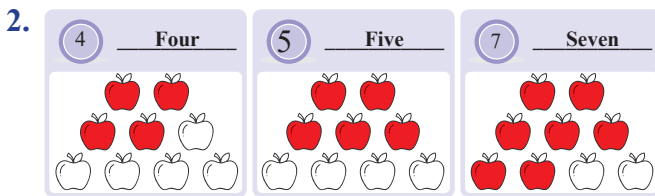
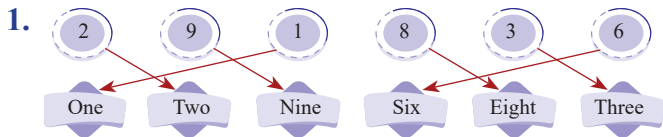
Get Ready

- 1
- 4
- 4
- 5

Maths Connect (Page 19)

- (a) 2 (b) 2 (c) 3 (d) 4

Practice Time 2A



Maths Fun (Page 20)

	3	Three		4	Four		2	Two
	7	Seven		2	Two		8	Eight
	1	One		6	Six		9	Nine

Practice Time 2B

- (a) 3 (b) 2 (c) 1 (d) 0

2. (b)

Tens	Ones
1	0
Ten	

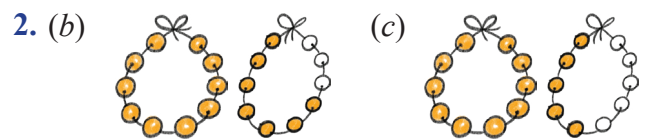
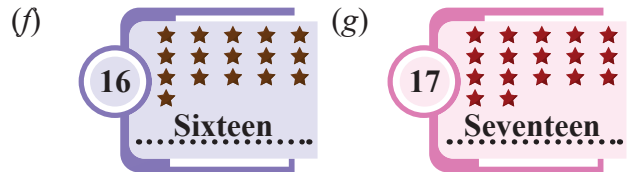
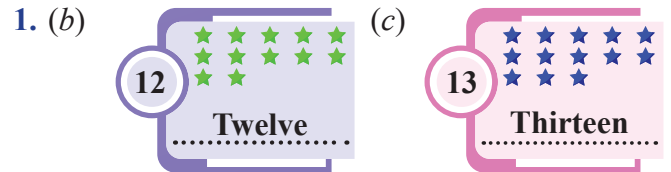
(c)

Tens	Ones
1	0
Ten	

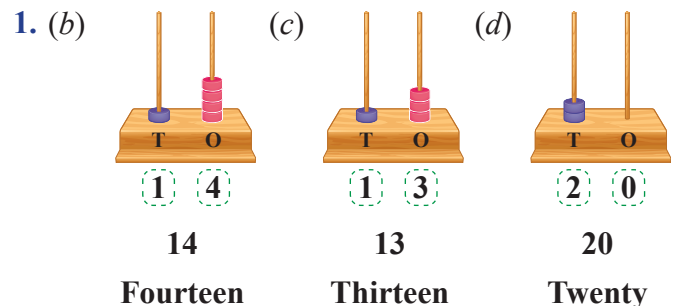
Challenge Question (Page 23)

- 10 beads

Practice Time 2C

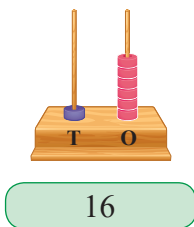


Practice Time 2D

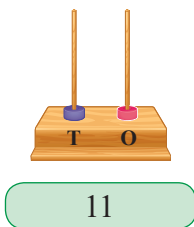


Detailed Solutions

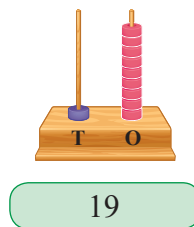
2. (a)



(b)



(c)

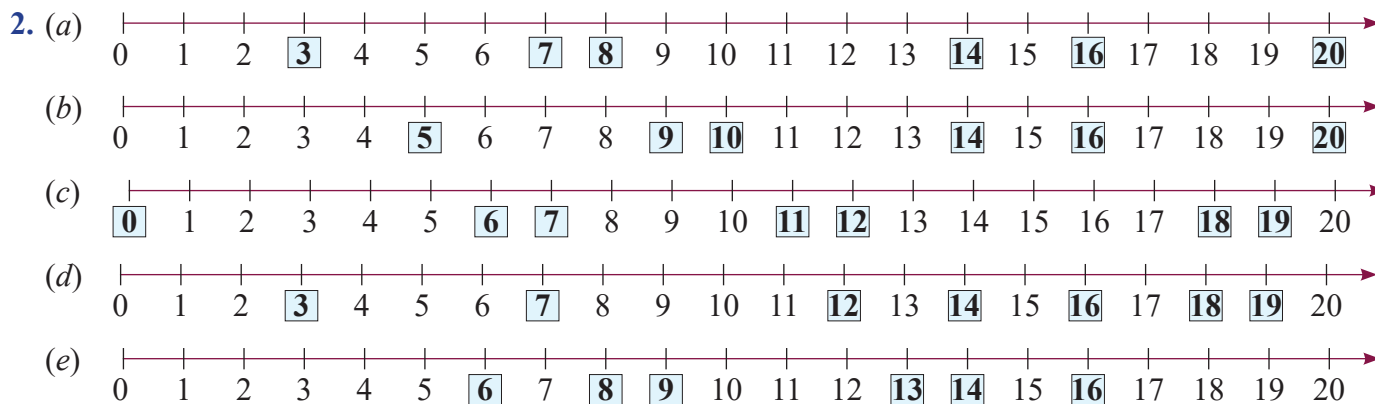


Challenge Question (Page 26)

- 1 ten and 7 ones
- 0 tens 17 ones

Practice Time 2E

1.	Just before	Between	Just after
	9 → 10	8 → 9 → 10	11 → 12
	18 → 19	14 → 15 → 16	1 → 2
	12 → 13	3 → 4 → 5	16 → 17
	7 → 8	18 → 19 → 20	19 → 20
	16 → 17	7 → 8 → 9	5 → 6
	2 → 3	13 → 14 → 15	13 → 14
	14 → 15	17 → 18 → 19	8 → 9



Practice Time 2F

1. (a)	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
(b)	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
(c)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

2. (a)	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5
(b)	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6
(c)	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3

Practice Time 2G

1. (a) (b)
- (c)
2. (a) (b)
- (c)

Practice Time 2H

1. (a) $9 < 19$
- (b) $14 > 11$
- (c) $14 > 13$
- (d) $20 = 20$

2. (a) $15 > 13$ (b) $17 < 20$
- (c) $16 = 16$ (d) $11 < 14$
- (e) $19 < 20$ (f) $15 > 9$
- (g) $14 > 12$ (h) $15 < 17$

3. (a) $8 < 10 > 4$ (b) $11 < 15 > 19$
- (c) $7 < 10 > 16$

Practice Time 2I

1. (b) (c)
2. (b) (c)
3. (a) 10 11 12 13 14 ▶ (b) 13 14 15 16 17 ▶
- (c) 15 16 17 18 19 ▶
4. (a) 16 15 14 13 12 ▶ (b) 12 11 10 9 8 ▶
- (c) 14 13 12 11 10 ▶

Life Skills (Page 36)

- 1 2 3 4 5 6
2. horse 4. cow 6. duck

4.

Tens	Ones
	9
	8
1	7

5.

Tens	Ones
	5
	7
1	2

6.

Tens	Ones
	5
	8
1	3

Challenge Question (Page 45)

- $6 + 8 = 14$; $5 + 9 = 14$ (Answer may vary)

Practice Time 3E

2.

5
4
9

3.

7
2
9

4.

6
1
7

5.

5
3
8

6.

	5
	7
1	2

7.

	6
	4
1	0

8.

	8
	2
1	0

9.

	4
	9
1	3

10.

	8
	7
1	5

Practice Time 3F

1. (b) $4 + 5 + 2 = 11$

(c) $5 + 2 + 6 = 13$

(d) $3 + 2 + 5 = 10$

(e) $6 + 5 + 4 = 15$

(f) $4 + 1 + 5 = 10$

(g) $6 + 5 + 5 = 16$

(h) $5 + 1 + 3 = 9$

2. (a)

	1
	6
	3

 +

	7
	3
1	0

(b)

	3
	4
	7

 +

	7
	7
1	4

(c)

	4
	2
	5

 +

	6
	5
1	1

(d)

	7
	1
	8

 +

	8
	8
1	6

(e)

	3
	8
	2

 +

	5
	8
1	3

Practice Time 3G

1. (b)

Tens	Ones
1	3
	1
1	4

 (c)

Tens	Ones
1	4
	5
1	9

 (d)

Tens	Ones
1	1
	2
1	3

(e)

Tens	Ones
1	3
	3
1	6

 (f)

Tens	Ones
1	8
	1
1	9

 (g)

Tens	Ones
1	2
	6
1	8

(h)

Tens	Ones
1	6
	2
1	8

2. (a) $10 + 4 = 14$ (b) $10 + 5 = 15$

(c) $10 + 8 = 18$ (d) $10 + 3 = 13$

(e) $10 + 9 = 19$ (f) $10 + 2 = 12$

(g) $10 + 6 = 16$ (h) $10 + 1 = 11$

(i) $10 + 7 = 17$

Practice Time 3H

1. (a) and =

2

 +

1

 =

3

(b) and =

5

 +

0

 =

5

(c) and =

4

 +

1

 =

5

2. (a) $6 + 0 = 6$ (b) $7 + 1 = 8$ (c) $2 + 0 = 2$

(d) $1 + 4 = 5$ (e) $0 + 3 = 3$ (f) $1 + 5 = 6$

3. (b) $3 + 2 = 5$ $2 + 3 = 5$

(c) $5 + 1 = 6$ $1 + 5 = 6$

(d) $1 + 6 = 7$ $6 + 1 = 7$

Practice Time 3I

1.

Tens	Ones
	9
	7
1	6

2.

Tens	Ones
	8
	7
1	5

$$\begin{array}{r} \text{Tens Ones} \\ 1 \quad 3 \\ + \quad 6 \\ \hline 1 \quad 9 \end{array}$$

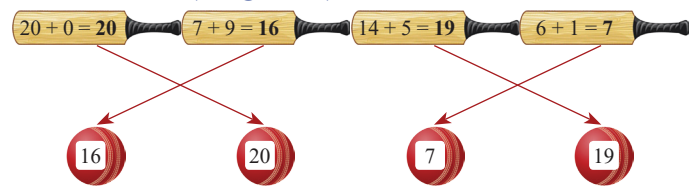
$$\begin{array}{r} \text{Tens Ones} \\ 1 \quad 1 \\ + \quad 6 \\ \hline 1 \quad 7 \end{array}$$

Life Skills (Page 52)

$$\begin{array}{r} \text{Tens Ones} \\ 1 \quad 2 \\ + \quad 6 \\ \hline 1 \quad 8 \end{array}$$

Avni and Sally donated ₹18 altogether.

Maths Fun (Page 52)



Challenge Question (Page 52)

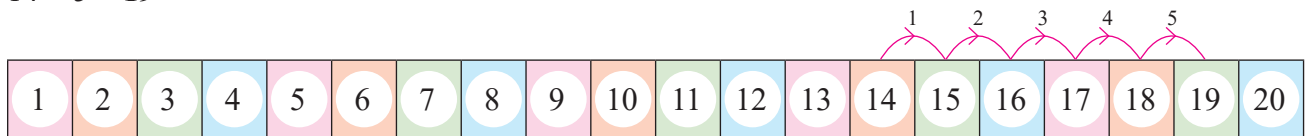
- (b) $15 + 5 = 20$ 2. 7
- Yes (As $6 + 5 + 2 = 13 > 12$)

Chapter Assessment

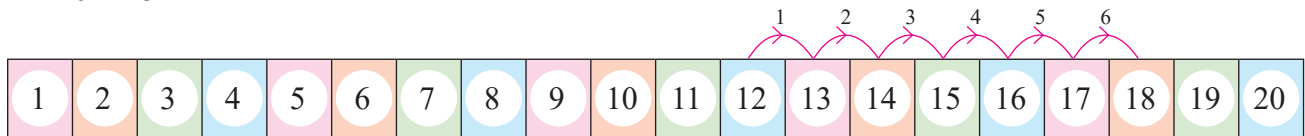
- (d) 2. (c)

3. (a) $4 + 2 = 6$ (b) $3 + 4 = 7$ (c) $7 + 1 = 8$ (d) $5 + 0 = 5$ (e) $6 + 3 = 9$

- (a) $14 + 5 = 19$



- (b) $12 + 6 = 18$



$$\begin{array}{r} \text{Tens Ones} \\ 4 \\ + \quad 8 \\ \hline 1 \quad 2 \end{array} \quad (b) \quad \begin{array}{r} \text{Tens Ones} \\ 1 \quad 4 \\ + \quad 2 \\ \hline 1 \quad 6 \end{array} \quad (c) \quad \begin{array}{r} \text{Tens Ones} \\ 6 \\ + \quad 1 \quad 2 \\ \hline 1 \quad 8 \end{array} \quad (d) \quad \begin{array}{r} \text{Tens Ones} \\ 1 \quad 1 \\ + \quad 8 \\ \hline 1 \quad 9 \end{array}$$

6. $11 + 7 = 18$ seashells

- Aman can buy the things as cost of pencil is ₹6 and cost of eraser is ₹4, and $6 + 4 = ₹10$.
Meera cannot buy both things as cost of one balloon in ₹4 and other costs ₹7 and $4 + 7 = ₹11 > ₹10$.

Mental Maths (Page 54)

- (a) True (b) False (c) False

$$\begin{array}{r} 2 + 4 = 6 \\ 3 + 5 = 8 \end{array}$$

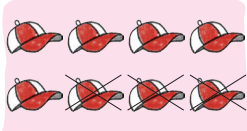
CHAPTER 4 : SUBTRACTION UP TO 20

Get Ready

- 8 glasses.

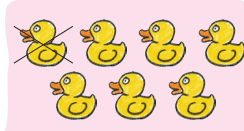
Practice Time 4A

1. (b)



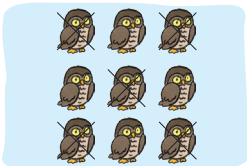
$$8 - 3 = 5$$

(c)



$$7 - 1 = 6$$

(d)



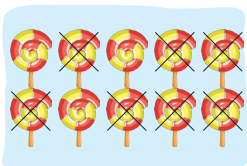
$$9 - 5 = 4$$

(e)



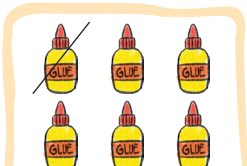
$$6 - 2 = 4$$

(f)



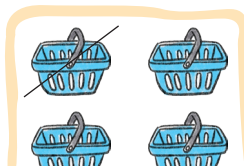
$$10 - 7 = 3$$

2. (b)



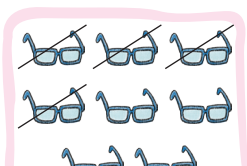
$$6 - 1 = 5$$

(c)



$$4 - 1 = 3$$

(d)



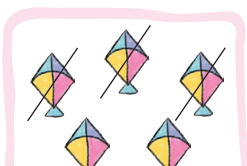
$$8 - 4 = 4$$

(e)



$$3 - 2 = 1$$

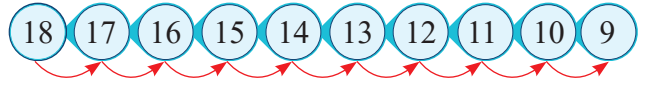
(f)



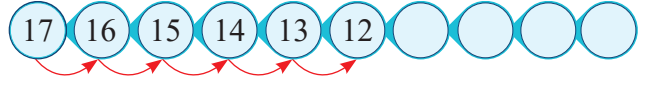
$$5 - 3 = 2$$

Practice Time 4B

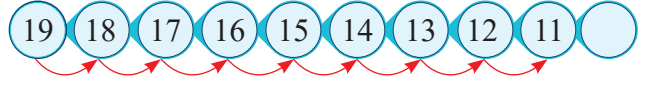
$$2. 18 - 9 = 9$$



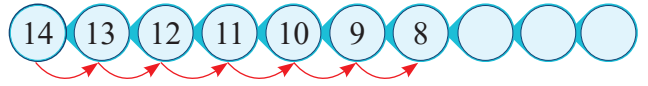
$$3. 17 - 5 = 12$$



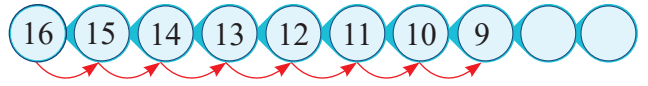
$$4. 19 - 8 = 11$$



$$5. 14 - 6 = 8$$



$$6. 16 - 7 = 9$$



Challenge Question (Page 58)

- 7 balloons

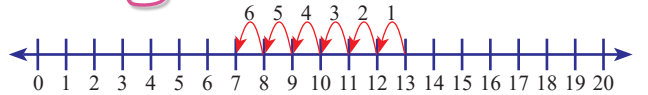
Life Skills (Page 58)

$$1. 18 - 6 = 12 \text{ bananas}$$

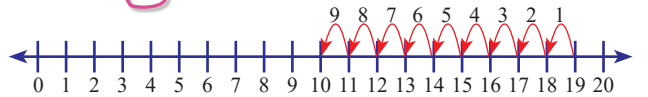
2. Yes

Practice Time 4C

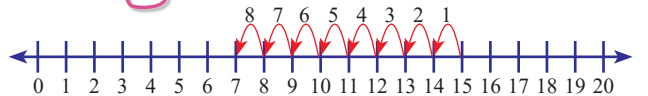
$$1. 13 - 6 = 7$$



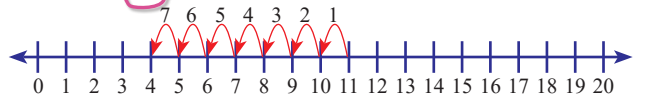
$$2. 19 - 9 = 10$$



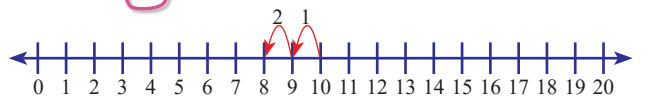
$$3. 15 - 8 = 7$$



$$4. 11 - 7 = 4$$



$$5. 10 - 2 = 8$$



Practice Time 4D

1. (a) $4 - 2 = 2$ (b) $7 - 2 = 5$
- (c) $9 - 8 = 1$ (d) $5 - 2 = 3$
- (e) $8 - 4 = 4$ (f) $8 - 5 = 3$
- (g) $9 - 5 = 4$ (h) $10 - 9 = 1$
- (i) $6 - 4 = 2$ (j) $6 - 1 = 5$

2. (b) $10 - 1 = 9$
- (c) $10 - 2 = 8$
- (d) $10 - 4 = 6$
- (e) $10 - 5 = 5$
- (f) $10 - 6 = 4$
- (g) $10 - 7 = 3$
- (h) $10 - 8 = 2$

Challenge Question (Page 61)

- (a) $10 - 5 = 5$ (c) $10 - 6 = 4$ (d) $10 - 2 = 8$

Maths Connect (Page 61)

Tens	Ones
1	0
-	7
	3

The hare was 3 steps behind the finishing line.

Practice Time 4E

1. (b) $7 - 5 = 2$ (c) $8 - 4 = 4$
- (d) $9 - 2 = 7$ (e) $6 - 6 = 0$
- (f) $5 - 4 = 1$
2. (b) $8 - 7 = 1$ (c) $3 - 1 = 2$
- (d) $7 - 7 = 0$ (e) $6 - 4 = 2$
- (f) $9 - 3 = 6$
3. (a) $3 - 2 = 1$ (b) $4 - 2 = 2$ (c) $5 - 1 = 4$ (d) $8 - 7 = 1$

Challenge Question (Page 63)

- $18 - 11 = 7$

Practice Time 4F

1.

Tens	Ones
1	2
-	2
1	0
2.

Tens	Ones
1	9
-	7
1	2
3.

Tens	Ones
1	4
-	3
1	1
4.

Tens	Ones
1	5
-	4
1	1
5.

Tens	Ones
1	7
-	5
1	2
6.

Tens	Ones
1	1
-	1
1	0
7.

Tens	Ones
1	6
-	2
1	4
8.

Tens	Ones
1	8
-	6
1	2

Think Tank (Page 64)

(c) The number remains the same.

Practice Time 4G

1. $6 - 0 = 6$ 2. $9 - 9 = 0$ 3. $7 - 1 = 6$
 4. $8 - 0 = 8$ 5. $5 - 1 = 4$ 5. $2 - 2 = 0$
 7. $12 - 0 = 12$ 8. $16 - 1 = 15$ 9. $18 - 18 = 0$

Practice Time 4H

1.

Tens	Ones
1	8
—	3
1	5

 2.

Tens	Ones
1	7
—	7
1	0

Practice Time 4I

Addition Facts

1. $7 + 2 = 9$ or $2 + 7 = 9$
2. $6 + 4 = 10$ or $4 + 6 = 10$
3. $11 + 3 = 14$ or $3 + 11 = 14$
4. $7 + 6 = 13$ or $6 + 7 = 13$
5. $12 + 8 = 20$ or $8 + 12 = 20$
6. $15 + 4 = 19$ or $4 + 15 = 19$



Subtraction Facts

- (a) $13 - 6 = 7$, $13 - 7 = 6$
- (b) $20 - 8 = 12$, $20 - 12 = 8$
- (c) $10 - 4 = 6$, $10 - 6 = 4$
- (d) $14 - 11 = 3$, $14 - 3 = 11$
- (e) $19 - 4 = 15$, $19 - 15 = 4$
- (f) $9 - 7 = 2$, $9 - 2 = 7$

Chapter Assessment

1. 5 turtles, 3 are crossed out.

(c) $5 - 3 = 2$

2. 8 circles, 4 are crossed out.

(b) $8 - 4 = 4$

3. (a) If $5 + 4 = 9$, then $9 - 4 = \underline{5}$
 $9 - 5 = \underline{4}$
 (b) If $4 + 2 = 6$, then $6 - 2 = \underline{4}$
 $6 - 4 = \underline{2}$

- (c) If $5 + 3 = 8$, then $8 - 3 = \underline{5}$
 $8 - 5 = \underline{3}$

4. (a)

$17 - 8 = 9$	17 16 15 14 13 12 11 10 9
$18 - 5 = 13$	18 17 16 15 14 13
$19 - 9 = 10$	19 18 17 16 15 14 13 12 11 10
$15 - 6 = 9$	15 14 13 12 11 10 9

3.

Tens	Ones
1	6
—	4
1	2

4.

Tens	Ones
—	9
—	7
—	2

5.

Tens	Ones
1	9
—	7
1	2

Challenge Question (Page 66)

(c) $15 - 6$

8. Number of pizzas Mansi baked = 15
 Number of pizzas she gave to her friends = 5
 Total number of pizzas left for herself = 15 – 5

Tens	Ones
1	5
–	5
1	0

Therefore, total number of pizzas left = 10.

9. Number of hotdogs Seema had = 14
 Number of hotdogs she ate = 6
 Number of hotdogs she has now = 14 – 6

Tens	Ones
1	4
–	6
	8

Therefore, the number of hot dogs left = 8.

10. Number of lemons Shreya had = 12
 Number of lemons used to prepare lemonade = 6
 Number of lemons left = 12 – 6

Tens	Ones
1	2
–	6
	6

Therefore, total number of lemons left = 6.

Mental Maths (Page 69)

- 3 less than 7 is 4
- 17
-
- 10 is 6 more than 4.
- $7 - 6 = 1$

Challenge Question (Page 69)

1. Number of bracelets Arti gave to her friend = 8
 Number of bracelets left after giving = 7
 Total number of bracelets Arti had in the beginning = 8 + 7

Tens	Ones
	8
+	7
1	5

Therefore, total number of bracelets Arti had in the beginning = 15.

2. Number of candies in the beginning = 9

Number of candies eaten by you and your friend = 4 + 4 = 8

Tens	Ones
	4
+	4
	8

Number of candies left $9 - 8 = 1$

Tens	Ones
	9
–	8
	1

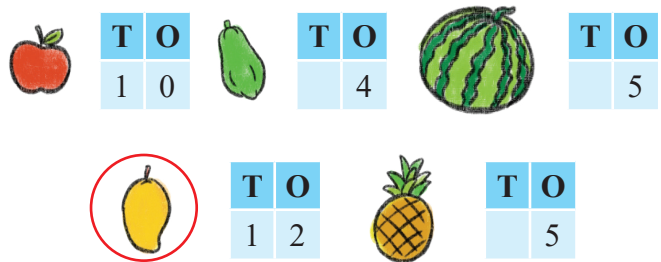
Number of candies hidden in bag = 3

Total number of candies you have now = 1 + 3 = 4

Tens	Ones
	1
+	3
	4

CHAPTER 5 : NUMBERS 21 TO 50

Get Ready



Fast Check (Page 76)

- 9
- 3
- 44; only one

Practice Time 5A

- | Tens | Ones |
|------|------|
| 4 | 7 |

$47 = 4$ tens and 7 ones
- | Tens | Ones |
|------|------|
| 3 | 8 |

$38 = 3$ tens and 8 ones
- | Tens | Ones |
|------|------|
| 2 | 1 |

$21 = 2$ tens and 1 one
- | Tens | Ones |
|------|------|
| 2 | 4 |

$24 = 2$ tens and 4 ones

(f) **Tens Ones**

4	0
---	---

40 = 4 tens and 0 ones

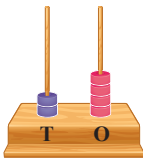
2.

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

3.

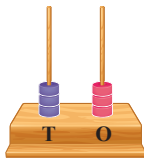
Number names	Numbers	Number names	Numbers
Twenty-three	23	Twenty-six	26
Forty-two	42	Forty	40
Thirty	30	Forty-five	45
Twenty-nine	29	Thirty-two	32
Forty-seven	47	Forty-four	44
Thirty-six	36	Twenty-two	22

4. (a)



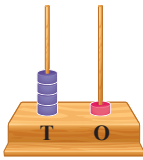
24

(b)



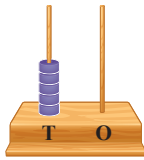
33

(c)



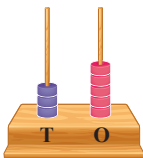
41

(d)



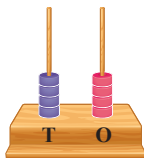
50

5. (a)



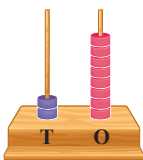
3 5

(b)



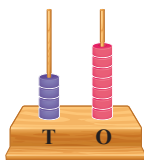
4 4

(c)



2 8

(d)



4 7

6. (a) just before

19	20
37	38
42	43
28	29

(b) in between

28	29	30
42	43	44
11	12	13
20	21	22

(c) just after

21	22
32	33
49	50
6	7

7.

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

Challenge Question (Page 78)

(b) 28

Fast Check (Page 79)

- 19 7 5 41 7 36 18 9
- 24 30 48 24 28 40 32 23

Practice Time 5B

- (a) 8 24

(b) 16 19

(c) 28 24

(d) 30 48
- (a) 18 9

(b) 21 31

(c) 43 48

(d) 46 26
- (a) 21 > 19

(b) 33 < 44

(c) 42 > 24

(d) 30 < 32

(e) 45 = 4 tens 5 ones

(f) 2 tens 6 ones = 26

Challenge Question (Page 80)

She is wrong.

Because in 43, 4 is at tens place, and in 34, 3 is at tens place and $4 > 3$ in tens place. So, $43 > 34$.

Life Skills (Page 80)

50

Challenge Question (Page 81)

25

Practice Time 5C

1. (b)

27	16	7	40
7	16	27	40

 (c)

26	41	23	49
23	26	41	49
- (d)

14	43	25	36
14	25	36	43

 (e)

45	27	11	49
11	27	45	49
- (f)

19	35	40	22
19	22	35	40

2. (b)

28	17	8	41
41	28	17	8

 (c)

36	40	47	14
47	40	36	14
- (d)

15	44	26	37
44	37	26	15

 (e)

27	36	41	23
41	36	27	23
- (f)

24	37	29	43
43	37	29	24

Chapter Assessment

1. (b) 22
2. (c) 43
3.

Twenty-three	→	34
Forty-six	→	50
Thirty-four	→	46
Fifty	→	29
Forty-one	→	23
Twenty-nine	→	41
- | | | |
|--------------|---|----|
| Thirty-three | → | 22 |
| Thirty-seven | → | 48 |
| Thirty | → | 28 |
| Forty-eight | → | 37 |
| Twenty-eight | → | 30 |
| Twenty-two | → | 33 |

4.

<table border="1" style="display: inline-table;"><tr><td>34</td></tr></table> Thirty-four	34	<table border="1" style="display: inline-table;"><tr><td>47</td></tr></table> Forty-seven	47	<table border="1" style="display: inline-table;"><tr><td>45</td></tr></table> Forty-five	45
34					
47					
45					
<table border="1" style="display: inline-table;"><tr><td>26</td></tr></table> Twenty-six	26	<table border="1" style="display: inline-table;"><tr><td>31</td></tr></table> Thirty-one	31	<table border="1" style="display: inline-table;"><tr><td>20</td></tr></table> Twenty	20
26					
31					
20					
<table border="1" style="display: inline-table;"><tr><td>30</td></tr></table> Thirty	30	<table border="1" style="display: inline-table;"><tr><td>36</td></tr></table> Thirty-six	36	<table border="1" style="display: inline-table;"><tr><td>46</td></tr></table> Forty-six	46
30					
36					
46					
<table border="1" style="display: inline-table;"><tr><td>42</td></tr></table> Forty-two	42	<table border="1" style="display: inline-table;"><tr><td>50</td></tr></table> Fifty	50	<table border="1" style="display: inline-table;"><tr><td>39</td></tr></table> Thirty-nine	39
42					
50					
39					

5. (a)

9	32	14
9	14	32

 (b)

38	49	17
17	38	49
- (c)

37	12	40
12	37	40
6. (a)

46	50	22
50	46	22

 (b)

46	35	24
46	35	24
- (c)

32	39	25
39	32	25

Challenge Question (Page 83)

Number of fingers on one hand = 5

Number of eyes = 2

Tens	Ones
2	5

Mental Maths (Page 83)

- | | |
|---------------|----------------|
| 1. FORTY-FOUR | 2. ELEVEN |
| 3. TWENTY-TWO | 4. TWENTY-FIVE |
| 5. FORTY-ONE | 6. FORTY-NINE |

CHAPTER 6 : NUMBERS UP TO 100

Maths Fun (Page 90)

F	I	F	S	I	X	T	W	T	H	T	N	E	H	E	T
I	S	I	N	I	N	E	T	E	N	W	I	I	T	I	W
F	E	F	T	E	N	R	T	S	I	E	N	G	Y	G	E
T	V	L	V	H	O	P	S	X	N	N	E	N	T	H	H
Y	N	M	U	T	T	E	W	S	S	T	H	I	R	T	Y
H	N	S	T	S	E	V	E	N	T	Y	R	N	H	Y	T
O	I	F	T	I	P	Q	S	T	A	B	C	E	I	F	H
B	T	I	W	X	F	O	U	R	F	I	D	T	I	I	R
F	F	O	R	T	Y	V	E	S	I	X	H	Y	S	F	T
S	Y	T	O	Y	S	E	V	E	N	T	I	X	I	T	Y

Practice Time 6A

1. (b)

Tens	Ones
5	4

Fifty-four

(c)

Tens	Ones
5	7

Fifty-seven

(d)

Tens	Ones
6	9

Sixty-nine

(e)

Tens	Ones
7	5

Seventy-five

(f)

Tens	Ones
8	6

Eighty-six

2.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

3. (a)

51	52	53	54	55	56	57	58	59	60
----	----	----	----	----	----	----	----	----	----

(b)

61	62	63	64	65	66	67	68	69	70
----	----	----	----	----	----	----	----	----	----

(c)

75	76	77	78	79	80	81	82	83	84
----	----	----	----	----	----	----	----	----	----

4.

(a)	(b)	(c)	(d)
100	90	80	70
99	89	79	69
98	88	78	68
97	87	77	67
96	86	76	66
95	85	75	65
94	84	74	64
93	83	73	63
92	82	72	62
91	81	71	61

Challenge Question (Page 91)

64

Tens	Ones
6	4

Challenge Question (Page 92)

69 (70 ← 69 ← 68)

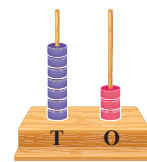
Think Tank (Page 92)

Tens	Ones
6	7



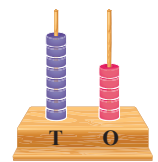
Practice Time 6B

1. (a)



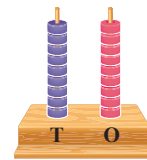
73

(b)



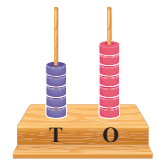
85

(c)



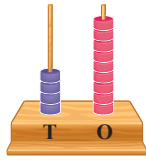
99

(d)



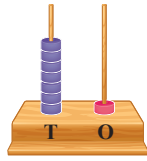
57

2. (a)



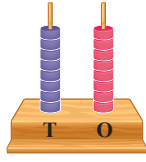
4 9

(b)



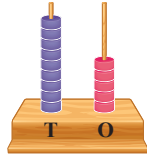
7 1

(c)



8 8

(d)



9 5

3. (a) after (b) before (c) between
 (d) between (e) before (f) before
 (g) after (h) after
4. (a) 49 (b) 70 (c) 47, 49
 (d) 76 (e) 89 (f) 81

Challenge Question (Page 94)

Aman is correct; because $60 + 7 = 6$ tens and 7 ones

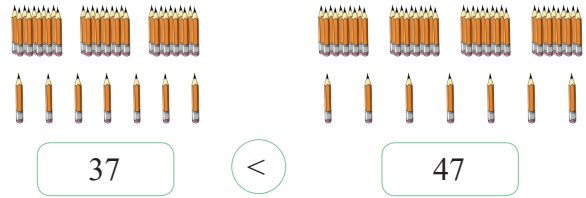
Maths Connect (Page 94)

Peacock; Yes, it is our National Bird.

Practice Time 6C

1. (a) $52 = 2$ (b) $84 = 80$
 (c) $70 = 0$ (d) $15 = 10$
2. (b) $73 = 70 + 3$ (c) $34 = 30 + 4$
 (d) $75 = 70 + 5$ (e) $90 = 90 + 0$
 (f) $79 = 70 + 9$ (g) $94 = 90 + 4$
 (h) $38 = 30 + 8$
3. (b) 6 tens + 9 ones = 69
 (c) 6 tens + 6 ones = 66
 (d) 5 tens + 5 ones = 55
 (e) 9 tens + 8 ones = 98
 (f) 8 tens + 1 one = 81

Fast Check (Page 95)



Practice Time 6D

1. (a) 8 51 (b) 34 68
 (c) 72 49 (d) 99 55
 (e) 64 63 (f) 77 79
 (g) 95 99 (h) 77 88
2. (a) 77 40 (b) 54 64
 (c) 53 16 (d) 30 34
 (e) 78 87 (f) 99 97
 (g) 28 82 (h) 66 96
3. (a) $51 = 51$ (b) $72 = 72$ (c) $73 > 67$
 (d) $74 < 89$ (e) $99 > 89$ (f) $47 < 77$
 (g) $63 > 56$ (h) $35 < 66$ (i) $80 > 22$

4. (a) 36 49 57 68 74
 (b) 32 43 60 61 83
 (c) 59 65 70 81 100
 (d) 0 8 15 40 71
5. (a) 48 40 35 28 15
 (b) 49 47 32 26 22
 (c) 49 42 40 36 13
 (d) 50 40 39 36 25

Practice Time 6E

1. (a) 13 — 15 — 17 — 19 — 21 — 23 — 25 — 27
 (b) 24 — 26 — 28 — 30 — 32 — 34 — 36 — 38
2. (a) 2 — 5 — 8 — 11 — 14 — 17 — 20 — 23
 (b) 27 — 30 — 33 — 36 — 39 — 42 — 45 — 48

3. (a) 19 — 24 — 29 — 34 — 39 — 44 — 49 — 54
 (b) 42 — 47 — 52 — 57 — 62 — 67 — 72 — 77
4. (a) 20 — 30 — 40 — 50 — 60 — 70 — 80 — 90
 (b) 27 — 37 — 47 — 57 — 67 — 77 — 87 — 97
 (c) 11 — 21 — 31 — 41 — 51 — 61 — 71 — 81
5. Riya skipped house number— 3, 5, 7, 9, 11, 13, 15, 17 and 19.

Yes, these numbers form a pattern of +2.

$$3 + 2 = 5$$

$$5 + 2 = 7, \text{ and so on.}$$

Chapter Assessment

1. (a) 2. (b) 3. (d)
4. (a) $53 = 50 + 3$ (b) $41 = 40 + 1$
 (c) $67 = 60 + 7$ (d) $84 = 80 + 4$
5. (a) 5 tens and 0 ones 50
 (b) 7 tens and 3 ones 73
 (c) 8 tens and 4 ones 84
 (d) 9 tens and 5 ones 95
6. (a) $77 > 62$ (b) $60 < 81$ (c) $63 < 71$
 (d) $57 > 40$ (e) $87 > 41$ (f) $88 = 88$
7. (a) 42, 67, 81, 83, 89
 (b) 27, 64, 70, 78, 95

8. (a) 8 tens + 5 ones → 96 → 90 + 6

(b) 3 tens + 8 ones → 85 → 50 + 9

(c) 5 tens + 9 ones → 83 → 80 + 5

(d) 9 tens + 6 ones → 38 → 80 + 3

(e) 8 tens + 3 ones → 59 → 30 + 8

MODEL TEST PAPER-1

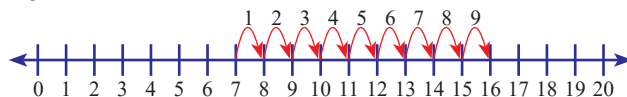
1. (b) 2. (c) 3. (d) 4. (c)
 5. (d) 6. (a) 7. (b) 8. (b)
 9. (b) 10. (b)

11. (a) 58 (b) 11 (c) 69
 (d) ascending (e) 0

12.



13. 16



14. Number of frogs in a pond = 20
 Number of frogs jumped out of pond = 7
 Number of frogs left in the pond = $20 - 7$

Tens	Ones
2	0
—	7
1	3

Therefore, number of frogs left in the pond = 13.

15. In the morning,

Number of birds on one tree = 18

Number of birds on second tree = 15

Total number of birds on both the trees =

$$18 \xrightarrow{+1} 19 \xrightarrow{+1} 20 \xrightarrow{+1} 21 \xrightarrow{+1} 22 \xrightarrow{+1} 23 \xrightarrow{+1} 24 \xrightarrow{+1} 25 \xrightarrow{+1} 26 \xrightarrow{+1} 27 \xrightarrow{+1} 28 \xrightarrow{+1} 29 \xrightarrow{+1} 30 \xrightarrow{+1} 31 \xrightarrow{+1} 32 \xrightarrow{+1} 33 \text{ birds}$$

In the afternoon, each tree had 11 birds.

Therefore, total number of birds on both the trees = $11 + 11$

Tens	Ones
1	1
+	1
2	2

= 22 birds

Thus, number of birds flew away in all

$$= 33 - 22$$

Tens	Ones
3	3
—	2
1	1

= 11 birds

16. (a) Correct, $5 + 4 = 9 = 4 + 5$
 (b) Incorrect, $8 + 1 = 9$
 (c) Incorrect, $7 - 0 = 7$ (d) Correct

CHAPTER 7 : ADDITION AND SUBTRACTION UP TO 100

Get Ready

1. Total number of students who like to go to Pataudi Palace and Manesar = $41 + 45$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 4 \quad 1 \\ + 4 \quad 5 \\ \hline 8 \quad 6 \end{array}$$

Thus, total number of students who like to go to Pataudi Palace and Manesar = 86

2. The difference between the number of students who is interested to go to Damdama Lake and Surajkund = $63 - 42$

$$\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 6 \quad 3 \\ - 4 \quad 2 \\ \hline 2 \quad 1 \end{array}$$

Thus, 21 more students like to go to Damdama Lake than Surajkund.

Fast Check (Page 104)

The sum of two 1-digit numbers is not always a 1-digit number. For example; $9 + 1 = 10$, that is a 2-digit number.

Practice Time 7A

- | | | |
|---|---|---|
| <p>1. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 1 \quad 5 \\ + \quad 4 \\ \hline 1 \quad 9 \end{array}$</p> | <p>2. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 4 \quad 1 \\ + \quad 6 \\ \hline 4 \quad 7 \end{array}$</p> | <p>3. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 5 \\ + \quad 3 \\ \hline 2 \quad 8 \end{array}$</p> |
| <p>4. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 5 \quad 8 \\ + \quad 0 \\ \hline 5 \quad 8 \end{array}$</p> | <p>5. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 7 \quad 4 \\ + \quad 4 \\ \hline 7 \quad 8 \end{array}$</p> | <p>6. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 8 \quad 1 \\ + \quad 7 \\ \hline 8 \quad 8 \end{array}$</p> |
| <p>7. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 6 \quad 2 \\ + \quad 7 \\ \hline 6 \quad 9 \end{array}$</p> | | |

Think Tank (Page 105)



You have added 5 candies.

Practice Time 7B

- | | | |
|---|---|---|
| <p>1. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 0 \\ + 5 \quad 0 \\ \hline 8 \quad 0 \end{array}$</p> | <p>2. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 0 \\ + 3 \quad 0 \\ \hline 6 \quad 0 \end{array}$</p> | <p>3. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 7 \quad 0 \\ + 1 \quad 0 \\ \hline 8 \quad 0 \end{array}$</p> |
| <p>4. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 0 \\ + 2 \quad 0 \\ \hline 5 \quad 0 \end{array}$</p> | <p>5. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 0 \\ + 4 \quad 0 \\ \hline 7 \quad 0 \end{array}$</p> | <p>6. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 5 \quad 0 \\ + 1 \quad 0 \\ \hline 6 \quad 0 \end{array}$</p> |
| <p>7. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 6 \quad 0 \\ + 3 \quad 0 \\ \hline 9 \quad 0 \end{array}$</p> | <p>8. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 7 \quad 0 \\ + 2 \quad 0 \\ \hline 9 \quad 0 \end{array}$</p> | |

Maths Connect (Page 107)

32 pieces

Practice Time 7C

- | | | |
|---|---|---|
| <p>1. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 5 \\ + 2 \quad 4 \\ \hline 4 \quad 9 \end{array}$</p> | <p>2. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 5 \quad 6 \\ + 4 \quad 1 \\ \hline 9 \quad 7 \end{array}$</p> | <p>3. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 3 \\ + 2 \quad 5 \\ \hline 5 \quad 8 \end{array}$</p> |
| <p>4. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 7 \quad 7 \\ + 2 \quad 1 \\ \hline 9 \quad 8 \end{array}$</p> | <p>5. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 6 \quad 7 \\ + 2 \quad 0 \\ \hline 8 \quad 7 \end{array}$</p> | <p>6. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 4 \quad 6 \\ + 2 \quad 2 \\ \hline 6 \quad 8 \end{array}$</p> |
| <p>7. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 5 \\ + 6 \quad 0 \\ \hline 8 \quad 5 \end{array}$</p> | <p>8. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 1 \\ + 7 \quad 0 \\ \hline 9 \quad 1 \end{array}$</p> | |

Practice Time 7D

- | | | |
|---|---|---|
| <p>1. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 4 \quad 8 \\ - \quad 6 \\ \hline 4 \quad 2 \end{array}$</p> | <p>2. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 3 \quad 6 \\ - \quad 1 \\ \hline 3 \quad 5 \end{array}$</p> | <p>3. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 6 \quad 7 \\ - \quad 6 \\ \hline 6 \quad 1 \end{array}$</p> |
| <p>4. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 7 \quad 9 \\ - \quad 7 \\ \hline 7 \quad 2 \end{array}$</p> | <p>5. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 2 \quad 8 \\ - \quad 6 \\ \hline 2 \quad 2 \end{array}$</p> | <p>6. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 9 \quad 5 \\ - \quad 3 \\ \hline 9 \quad 2 \end{array}$</p> |
| <p>7. $\begin{array}{r} \text{Tens} \quad \text{Ones} \\ 8 \quad 6 \\ - \quad 5 \\ \hline 8 \quad 1 \end{array}$</p> | | |

2. (a) 12 from 34

	Tens	Ones	
	3	4	= 3 tens + 4 ones
-	1	2	= 1 ten + 2 ones
	2	2	= 2 tens + 2 ones

(b) 21 from 57

	Tens	Ones	
	5	7	= 5 tens + 7 ones
-	2	1	= 2 tens + 1 one
	3	6	= 3 tens + 6 ones

(c) 10 from 60

	Tens	Ones	
	6	0	= 6 tens + 0 ones
-	1	0	= 1 ten + 0 ones
	5	0	= 5 tens + 0 ones

(d) 23 from 75

	Tens	Ones	
	7	5	= 7 tens + 5 ones
-	2	3	= 2 tens + 3 ones
	5	2	= 5 tens + 2 ones

(e) 42 from 85

	Tens	Ones	
	8	5	= 8 tens + 5 ones
-	4	2	= 4 tens + 2 ones
	4	3	= 4 tens + 3 ones

(f) 44 from 99

	Tens	Ones	
	9	9	= 9 tens + 9 ones
-	4	4	= 4 tens + 4 ones
	5	5	= 5 tens + 5 ones

(g) 32 from 76

	Tens	Ones	
	7	6	= 7 tens + 6 ones
-	3	2	= 3 tens + 2 ones
	4	4	= 4 tens + 4 ones

(h) 51 from 79

	Tens	Ones	
	7	9	= 7 tens + 9 ones
-	5	1	= 5 tens + 1 one
	2	8	= 2 tens + 8 ones

Life Skills (Page 113)

1. Number of parents in the group in starting = 59
Number of parents left the group = 17

	Tens	Ones
	5	9
-	1	7
	4	2

42 parents are in the group.

2. Do it yourself.

3. Such a group is formed to transfer important messages between parents and school/teachers.

Practice Time 7H

1. Number of packs of cookies = 15

Number of packs of noodles = 12

Total number of packs of groceries = 15 + 12

	Tens	Ones
	1	5
+	1	2
	2	7

He bought 27 packs in all.

2. Number of birds sitting on a tree = 63

Number of birds flew away = 11

Number of birds left on the tree = 63 - 11

	Tens	Ones
	6	3
-	1	1
	5	2

There are 52 birds on the tree.

3. Number of candies Shreya has = 42

Number of candies Kavya has = 12

Total number of candies altogether = 42 + 12

	Tens	Ones
	4	2
+	1	2
	5	4

There are 54 candies altogether.

4. Marks scored by Nikita = 92

Marks scored by Nikita's brother = 71

More marks Nikita got = 92 - 71

	Tens	Ones
	9	2
-	7	1
	2	1

Nikita got 21 marks more.

5. Number of students in the class = 45

Number of boys in the class = 24

Number of girls in the class = 45 - 24

	Tens	Ones
	4	5
-	2	4
	2	1

There are 21 girls in the class.

6. Number of marbles in a bag = 47
 Number of marbles fell out = 17
 Number of marbles left in the bag = $47 - 17$

Tens	Ones
4	7
-	1 7
3	0

There are 30 marbles left in the bag.

Challenge Question (Page 115)

- Rushali starts counting buttons from 10 instead of 1.
 She ends counting at 74.
 Number of buttons she counted = $74 - 10 + 1 = 65$
- Yes, correct.
 $50 \rightarrow 49 \rightarrow 48 \rightarrow 47$
 $(-1) \quad (-1) \quad (-1)$

Maths Fun (Page 116)

1.

Tens	Ones
4	3
+ 2	0
6	3
P	

Tens	Ones
7	9
- 4	1
3	8
E	

Tens	Ones
9	9
- 8	0
1	9
A	

Tens	Ones
1	2
	+ 5
1	7
C	

Tens	Ones
4	2
+ 5	2
9	4
O	

Tens	Ones
4	8
- 3	1
1	7
C	

Tens	Ones
3	8
-	3
3	5
K	

The name of our national bird is **PEACOCK**.

2.

Tens	Ones
6	4
- 2	0
4	4
G	

Tens	Ones
3	9
- 2	0
1	9
A	

Tens	Ones
6	0
+ 2	0
8	0
N	

Tens	Ones
2	4
+ 2	0
4	4
G	

Tens	Ones
7	9
- 6	0
1	9
A	

The name of longest river in India is **GANGA**.

3.

Tens	Ones
9	5
- 7	5
2	0
L	

Tens	Ones
3	2
+ 2	3
5	5
I	

Tens	Ones
7	2
+ 2	2
9	4
O	

Tens	Ones
6	0
+ 2	0
8	0
N	

The king of the forest is **LION**.

Chapter Assessment

1. (c) 2. (a)

3. (a)

Tens	Ones
2	3
+	4
2	7

(b)

Tens	Ones
1	9
-	7
1	2

(c)

Tens	Ones
	7
+ 3	2
3	9

(d)

Tens	Ones
5	4
-	3
5	1

(e)

Tens	Ones
4	8
+ 5	0
9	8

(f)

Tens	Ones
9	8
- 4	8
5	0

(g)

Tens	Ones
3	2
+ 6	5
9	7

(h)

Tens	Ones
9	7
- 6	5
3	2

4. (a) Total number of eggs in a shop = 48
 Number of eggs found broken = 16
 Number of good eggs = $48 - 16$

Tens	Ones
4	8
- 1	6
3	2

There are 32 good eggs left in the shop.

- (b) Number of balls in first box = 54
 Number of balls in second box = 22
 Total number of balls = $54 + 22$

Tens	Ones
5	4
+ 2	2
7	6


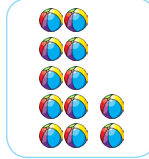
There are 76 balls altogether.

Mental Maths (Page 118)

1.  + 

53 + 6

Tens	Ones
5	3
+	
5	9

2.  + 

47 + 12




Tens	Ones
4	7
+	
1	2
5	9



CHAPTER 8 : SHAPES AND PATTERNS

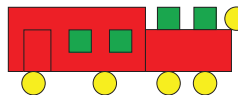

Get Ready

- Birds are flying, people are doing different tasks.
- 3 people.

Practice Time 8A

1. (a)  Circle
 (b)  Rectangle
 (c)  Triangle

(d)  Square
 (e)  Oval

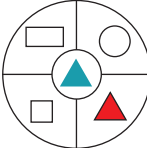
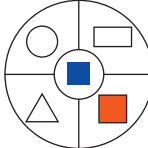
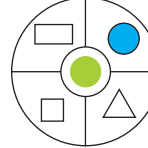
2. (a)  (b) 

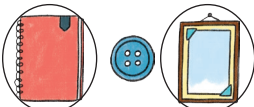


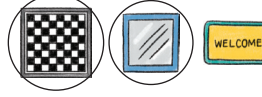
3. (a) Square (b) Rectangle (c) Circle
 (d) Triangle (e) Oval

Think Tank (Page 121, 122)





Do it yourself.





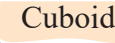





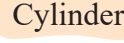




Practice Time 8B

1. (a)  (b)  (c) 

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

Practice Time 8C

1. (a)  (b) 
 (Cone/Cube/Cylinder) (Cone/Sphere/Cylinder)
 (c)  (d) 
 (Cylinder/Cone/Cube) (Cone/Cube/Cylinder)

2.   
  
  
  
  

Challenge Question (Page 124)

Cylinder, Because, cylinder has a wide flat base. So, it provides the strongest base among sphere, cylinder and cone.

Think Tank (Page 125)









(c) Book

Practice Time 8D





























1.

			
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>








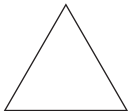
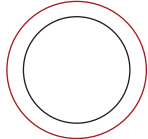

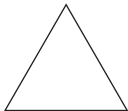


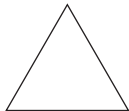
2.

			
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Practice Time 8E

1.	A	B	B	A	B	B	A
2.							
3.							
4.							
5.							

Mental Maths (Page 127)

1.							
2.							
3.	<input type="checkbox"/> 2	<input type="checkbox"/> 4	<input type="checkbox"/> 6	<input type="checkbox"/> 8	<input checked="" type="checkbox"/> 9	<input type="checkbox"/> 12	<input type="checkbox"/> 14
4.	<input type="checkbox"/> A	<input type="checkbox"/> AB	<input type="checkbox"/> ABC	<input type="checkbox"/> ABCD	<input checked="" type="checkbox"/> ACDE	<input type="checkbox"/> ABCDEF	<input type="checkbox"/> ABCDEFG

Chapter Assessment

1. (d)





2. (d)

3. (a)  Roll  Slide  Both 

(b)  Roll  Slide  Both 

(c)  Roll  Slide  Both 



4. (a)        

(b)        


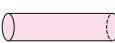
(c)  \equiv  $=$  $-$  \equiv  $=$  $-$  \equiv 

(d) A B B A A B B A A

Challenge Question (Page 129)

1. (a)  
Rectangle Square

A rectangle has only opposite sides equal, while a square has all four sides equal.

(b)  
Cone Cylinder

A cone has only one circular base and a cylinder has two circular bases.

2. (d) ABCABC

CHAPTER 9 : MULTIPLICATION

Get Ready

1. Total number of birds = $5 + 5 + 5 = 15$

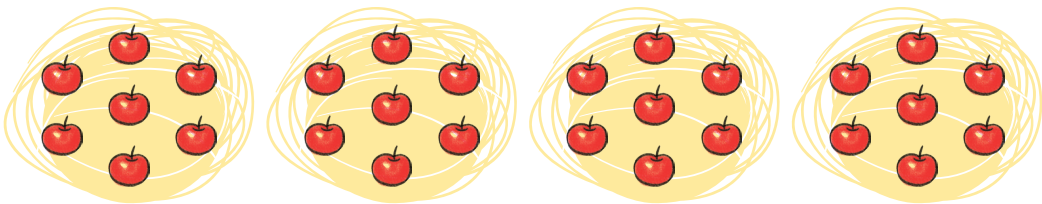
2. Total number of parrots = $3 + 3 + 3 + 3 = 12$

Practice Time 9A

1. 


$$6 + 6 + 6 = 18 \text{ water bottles in all}$$

3 groups of 6 = 18

2. 

$$7 + 7 + 7 + 7 = 28 \text{ apples in all}$$

4 groups of 7 = 28

3. 


$$3 + 3 + 3 + 3 + 3 = 15 \text{ balls in all}$$

5 groups of 3 = 15

Challenge Question (Page 132)

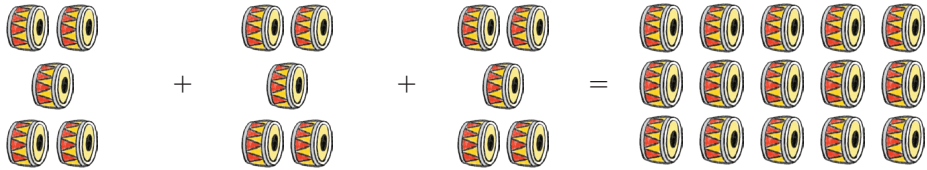
$6 \times 5 = 30$; 30 rose bushes are there in total.

Practice Time 9B

1. (b) 

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

4 times 4 = 16

(c) 

$$5 + 5 + 5 = 15$$

3 times 5 = 15

2.	Repeated addition	Number of times repeated	Multiplication fact	Answer
(b)	$4 + 4 + 4 + 4 + 4$	5 times 4	5×4	20
(c)	$3 + 3 + 3 + 3 + 3 + 3$	6 times 3	6×3	18
(d)	$5 + 5 + 5 + 5 + 5 + 5$	6 times 5	6×5	30
(e)	$6 + 6 + 6 + 6$	4 times 6	4×6	24

Think Tank (Page 133)

- Number of horses on Merry-Go-Round = 8
People sat on each horse = 2
Total number of people sat on 8 horses = $2 \times 8 = 16$.
- Number of compartments on the giant wheel = 6
Number of people sat in each compartment = 4
Total number of people sat in all = $6 \times 4 = 24$.

- Number of bogies in baby train = 5
Number of passengers in each bogie = 9
Total number of passengers in train = $5 \times 9 = 45$.

Think Tank (Page 136)

Incorrect.



Practice Time 9C

1. $5 \times \underline{3} = 15$

2. $6 \times \underline{2} = 12$

3. $3 \times 2 = \underline{6}$

4. $5 \times \underline{4} = 20$

5. $2 \times 5 = \underline{10}$

6. $\underline{10} \times 4 = 40$

7. $\underline{2} \times 4 = 8$

8. $3 \times \underline{10} = 30$

9. $5 \times \underline{2} = 10$

10. $6 \times 1 = \underline{6}$

11. $\underline{5} \times 5 = 25$

12. $7 \times \underline{5} = 35$

Chapter Assessment

1. (a)

2. (a)

3. (b)

4. (a) $3 + 3 + 3 = 12$

(b) $6 + 6 = 12$

5.

	Group of Objects	Number of groups	Objects in each group	Total number of objects
(b)		3	9	$3 \times 9 = 27$
(c)		2	8	$2 \times 8 = 16$

Challenge Question (Page 138)

1. A triangle has 3 sides.

So, in 10 triangles, number of sides = $10 \times 3 = 30$ sides.

2. The number is 2, as $2 + 2 = 4$ and $2 \times 2 = 4$.

3. 1, 27 and 3, 9; as $1 \times 27 = 27$ and $3 \times 9 = 27$.

Mental Maths (Page 138)

1. $4 \times 3 = 12$ wheels. 2. $5 \times 7 = 35$ days

3. 6 times 5 = $6 \times 5 = 30$.

4. $7 \times 10 = 70$ pages 5. $4 \times 4 = 16$ dots.

CHAPTER 10 : MEASUREMENT

Get Ready

1. Ranjan is shorter than Kavya.

2. The cupboard is bigger than the window.

3. The sofa on the left is lighter than the sofa on the right.

4. The bottle can hold more water than the glass.

Think Tank (Page 140)

1. The Giraffe.

2. (a) Bed (b) Eraser (Answers may vary)

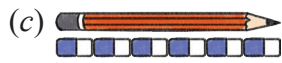
3. Do it yourself.

4. A bicycle (Answers may vary)

Practice Time 10A

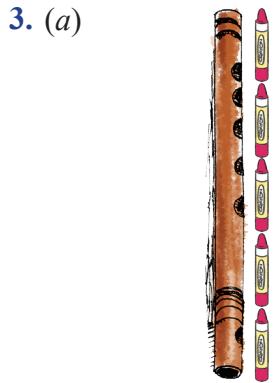
2. (a) 5 erasers

(b) 10 erasers

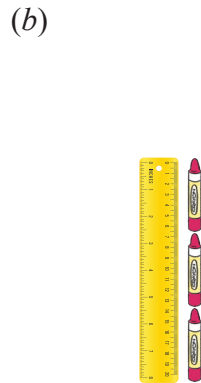


6 erasers

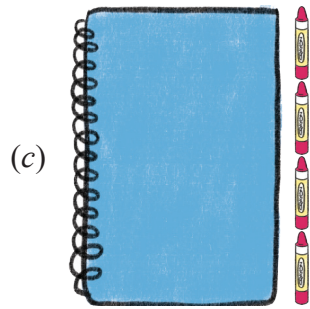
- Paint brush, because it is 10 erasers long.
- Toothbrush, because it is 5 erasers long.



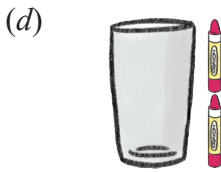
5 crayons



3 crayons



4 crayons



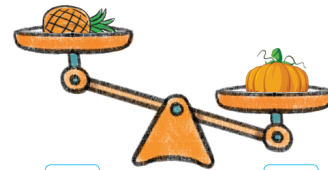
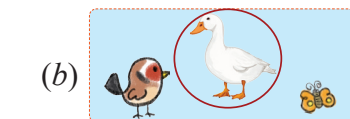
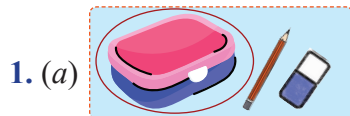
2 crayons

- Flute, because it is 5 crayons high.
- Glass, because it is 2 crayons high.

Think Tank (Page 143)

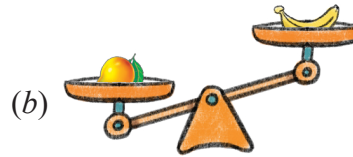
1. No, not necessary, as a small stone is heavier than a large normal balloon.
2. Generally, an orange is heavier than a banana.
(Answer may vary)

Practice Time 10B



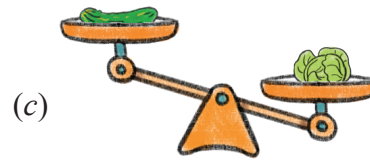
L

H



H

L



L

H

Practice Time 10C



1 papaya weighs as much as 7 oranges.



4 books weigh as much as 1 school bag.



2 dolls weigh as much as 4 pencil boxes.



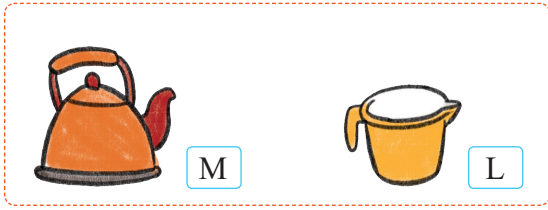
3 waterbottles weigh as much as 5 dusters.

Think Tank (Page 145)

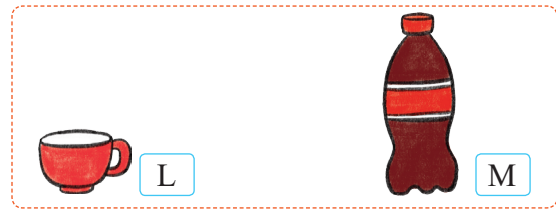
1. (a) less (b) more (c) less
2. The bucket.

Practice Time 10D

1. (a)



(b)

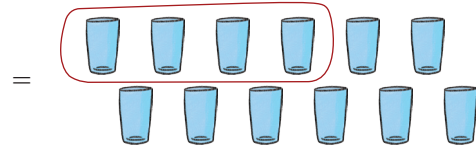


2.

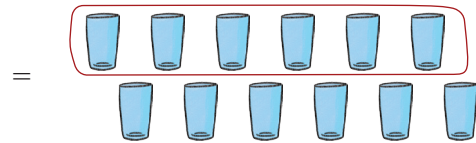


Practice Time 10E

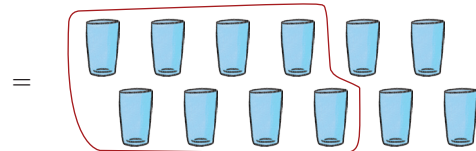
1. (a)



(b)



(c)



2. (a) Capacity of the cup = 20 spoons.

(c) Capacity of the jug = 4 glasses.

(b) Capacity of the glass = 2 cups.

Mental Maths (Page 147)

Anu's pencil is longer.

Challenge Question (Page 147)

- Capacity of 1 bottle = 4 glasses.
Capacity of 1 cooking pot = 3 bottles.
Capacity of cooking pot in terms of glasses = $3 \times 4 = 12$ glasses.



- 2 more times; as pouring twice, the jug is half full; So 2 more times i.e., 4 times required to fill the jug completely.

Chapter Assessment

- (b)
- (b)
- (b)

4. (a) A bag weighs about 6 apples.



(b) The cricket bat weighs about 5 balls.



5. (a)



(b)



CHAPTER 11 : TIME

Get Ready

1.



3



2



4



1

2. (a)



(b)



Fast Check (Page 151)

Sun: In the morning (Day time).
Moon: At the night (Night time).

Think Tank (Page 151)

1. In the morning.
2. In the afternoon. (Answer may vary)

Practice Time 11A

1.



M

2.



E

3.



N

4.



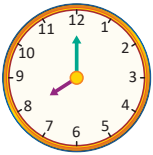
A

Challenge Question (Page 153)

Riva stays awake for 13 hours during the day.

Practice Time 11B

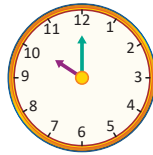
1. (b)



8 o'clock

8:00

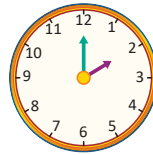
(c)



10 o'clock

10:00

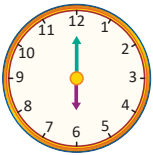
(d)



2 o'clock

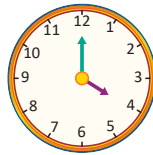
2:00

2. (a)



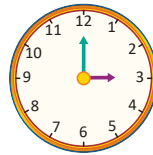
6:00

(b)



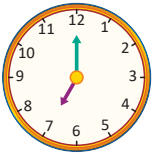
4 o'clock

(c)



3:00

(d)



7 o'clock

Think Tank (Page 154)

- Yesterday was Sunday.
- Tomorrow will be Tuesday.

Practice Time 11C

- (a) Tuesday (b) Friday
(c) Sunday (d) Thursday
(e) Tuesday
- (a) 7 (b) first
(c) Thursday (d) third
(e) Thursday (f) Sunday
(g) Saturday, Monday

Practice Time 11D

- (a) January (b) July
(c) September (d) November
- (a) March, April
(b) March, June, July
(c) October, November, December
(d) June, July, September, October

Think Tank (Page 156)

- Hot and sweaty
- Hot milk, soup, warm foods, etc. (Answer may vary)
-

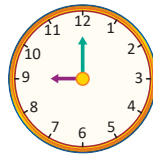


Chapter Assessment

1. (c)

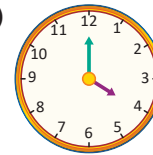
2. (b)

3. (a)



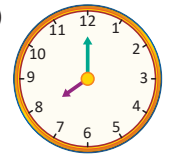
9 o'clock

(b)



4 o'clock

(c)



8 o'clock

- (a) Monday → comes after Friday
(b) Saturday → comes after August
(c) September → comes before Tuesday
(d) April → the last month of the year
(e) December → comes between March and May

Mental Maths (Page 158)

1. New Year



January

2. Holi



March

3. Teacher's Day



September

4. Christmas



December

Challenge Question (Page 158)

Twice; The hour hand completes two rounds on the dial in a day.

CHAPTER 12 : MONEY

Get Ready

1. (a)



₹60

(b)



₹15

(c)



₹20

2. Ball, Car, Bat

Practice Time 12A

1. (b) Thirty rupees = ₹30

(e) Seventy-five rupees = ₹75

(h) Twenty-five rupees = ₹25

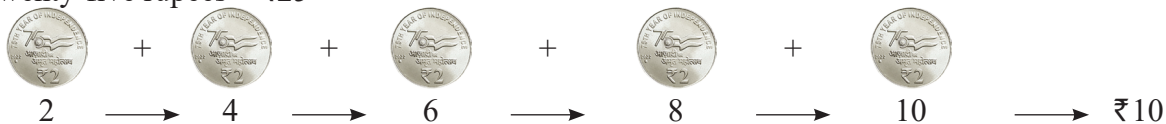
(c) Forty paise = 40p

(f) Ninety paise = 90p

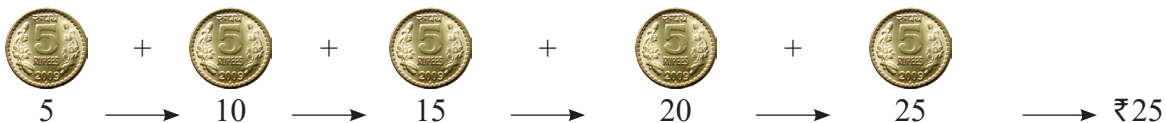
(d) Sixty paise = 60p

(g) One hundred rupees = ₹100

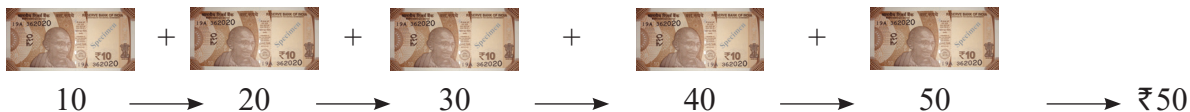
2. (a)



(b)



(c)



3. (a)



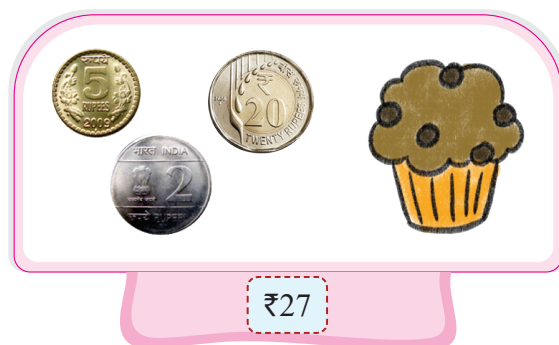
(b)



4. (a)



(b)



Practice Time 12B

$$\begin{array}{r} \text{₹} \quad 4 \quad 5 \\ - \quad \text{₹} \quad 1 \quad 4 \\ \hline \text{₹} \quad 3 \quad 1 \end{array}$$

So, the cost of pen is ₹31.

$$\begin{array}{r} \text{₹} \quad 1 \quad 5 \\ + \quad \text{₹} \quad \quad 4 \\ \hline \text{₹} \quad 1 \quad 9 \end{array}$$

So, ₹19 was with Sanchi's sister.

$$\begin{array}{r} \text{₹} \quad 2 \quad 0 \\ + \quad \text{₹} \quad \quad 5 \\ \hline \text{₹} \quad 2 \quad 5 \end{array}$$

So, Rashi has ₹25 now.

$$\begin{array}{r} \text{₹} \quad 8 \quad 8 \\ - \quad \text{₹} \quad 4 \quad 5 \\ \hline \text{₹} \quad 4 \quad 3 \end{array}$$

So, cold drink bottle is cheaper by ₹43.

Mental Maths (Page 163)

$$1. (a) \text{₹}5 + \text{₹}10 > \text{₹}5 + \text{₹}5 + \text{₹}2$$

$$(b) \text{₹}10 + \text{₹}10 < \text{₹}5 + \text{₹}20$$

$$(c) \text{₹}50 = \text{₹}20 + \text{₹}20 + \text{₹}10$$

2. (a) ₹9

(b) ₹2

(c) ₹80

(d) ₹70

Chapter Assessment

1. (a)  +  +  +  + 

(b)  + 

(c)  + 

(d)  +  +  +  + 

2. (a) ₹25 =  +  +  +  + 

(b) ₹7 =  +  +  +  + 

(c) ₹72 =  +  +  +  +  + 

(d) ₹43 =  +  +  +  +  + 

3. ₹50 - ₹40 = ₹10

4. ₹100 - ₹70 = ₹30

Challenge Question (Page 165)

- Sabeena's money : $2 + 5 + 10 = ₹17$
 Amit's money : $10 + 2 \times 1 = 10 + 2 = ₹12$
 And, $17 - 12 = ₹5$
 Sabeena has ₹5 more.
- Money Ayaan has = ₹50
 Cost of items to buy = $18 + 12 + 9 = ₹39$

Money remaining with Ayaan = $50 - 39 = ₹11$
 So, as $₹15 > ₹11$, he cannot afford the book.
 Money he needs = $15 - 11 = ₹4$.

- Anju's money = $2 \times 50 = ₹100$
 Asha's money = $3 \times 20 = ₹60$
 Anju has more money.
 She has $100 - 60 = ₹40$ more.

CHAPTER 13 : DATA HANDLING

Get Ready



- Bees
- Ant and Caterpillar; Dragonfly, Grasshopper and Snail; Sparrow, ladybird and Butterfly
- 1 bee is more than the ants.

Practice Time 13

Toys	Doll	Toy Car	Teddy Bear	Toy Train
Numbers	7	3	5	5

- There are 7 dolls.
- Teddy Bear are more than Toy car, because there are 5 Teddy Bears and 3 Toy Cars.
- The number of Dolls is maximum, 7.
- The number of Toy Cars is minimum, 3.

Kites					
Numbers	1	3	4	5	3

- Purple
- Red
- Pink and Green

Chapter Assessment

- (a)
- (b)

Animals	Number of stickers	Coloured stars
	4	

	2	
	3	
	5	

- Bear
- Tiger
- 2
- 11

Challenge Question (Page 170)

Pink buttons	Purple buttons	Brown buttons
7	6	7

- Making groups helps us to organise the items, so that they are easier to find out.
- Yes, we can group these buttons based on shape, such as round shape, star shape, etc.

Life Skills (Page 170)

Do it yourself.

CHAPTER 14 : INTRODUCTION TO DIVISION

Get Ready

