

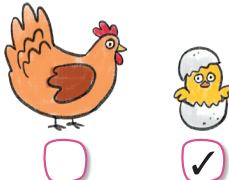
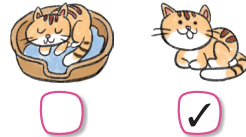
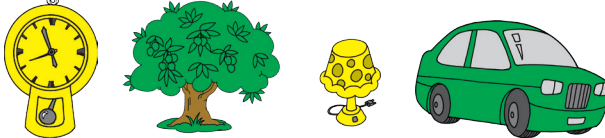
DETAILED SOLUTIONS

CHAPTER 1 : SPATIAL UNDERSTANDING

Get Ready

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

Practice Time 1A

1. 
2. 
3. 
4. 

Activity (Page 10)

1. 3
2. Tricolour
3. Centre

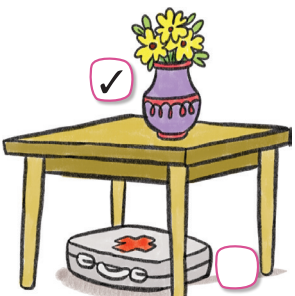
Practice Time 1B

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.

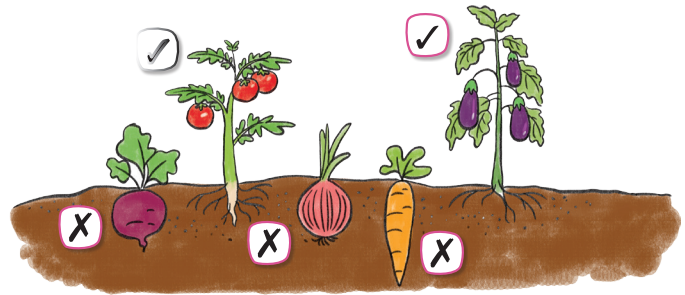
Challenge Question (Page 11)

- Above the clouds

Practice Time 1C

1. 
2. 

Maths Connect (Page 12)



Think Tank (Page 13)

- After  

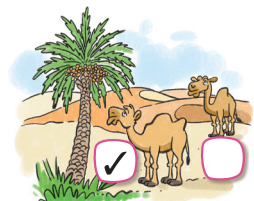
Practice Time 1D

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)

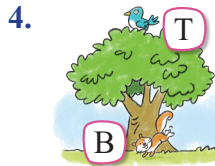
- inside the refrigerator
- under the blanket
- throw far away
- on the table

Chapter Assessment

- (c)
- (c)
-



Answer may vary.



CHAPTER 2 : NUMBERS UP TO 20

Get Ready

- 1
- 4
- 3
- 5

Maths Connect (Page 19)

- (a) 2 (b) 2 (c) 3 (d) 4
- (a) 9 (Answer may vary) (b) Nine

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	

Practice Time 2C

1. (b)



(c)



(d)



(e)



(f)



(g)



(h)



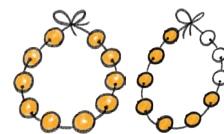
(i)



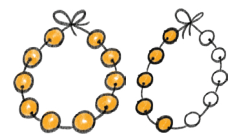
(j)



2. (b)

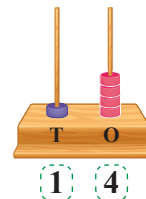


(c)

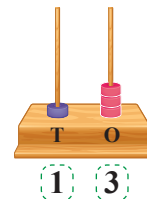


Practice Time 2D

1. (b)



(c)



(d)



14

Fourteen

13

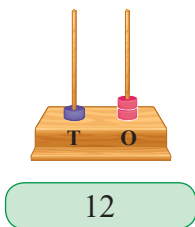
Thirteen

20

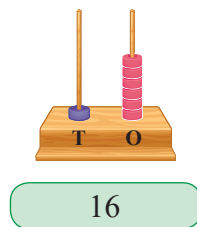
Twenty

Detailed Solutions

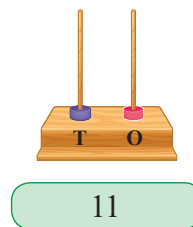
2. (a)



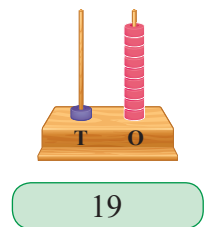
(b)



(c)



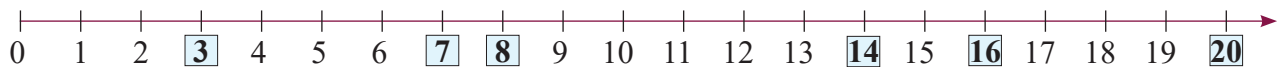
(d)



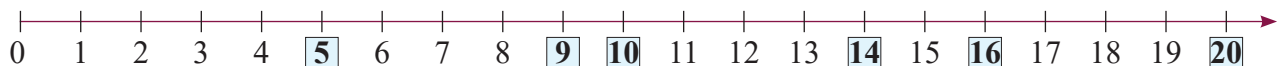
Practice Time 2E

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

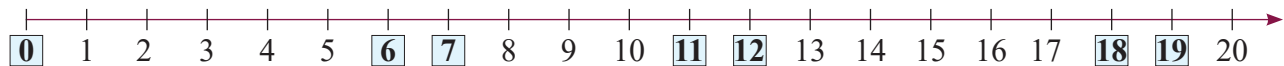
2. (a)



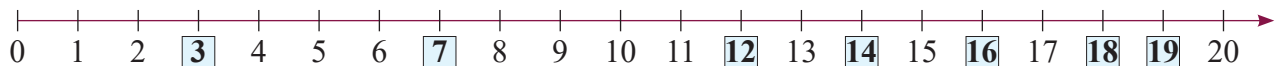
(b)



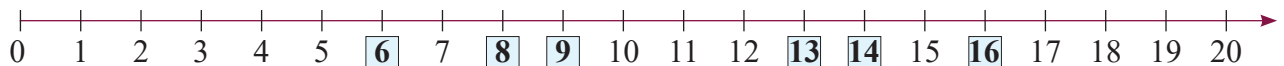
(c)



(d)



(e)



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)

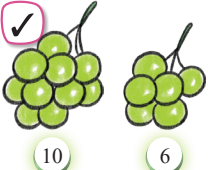
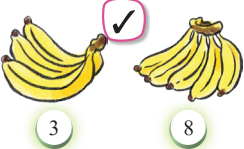
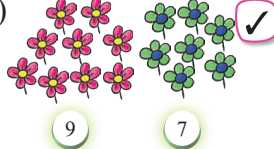
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
---	---	---	---	---	---	----	----	----	----	----	----	----	----	----

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

Challenge Question (Page 29)

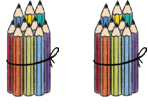
13

Practice Time 2G

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

Practice Time 2H

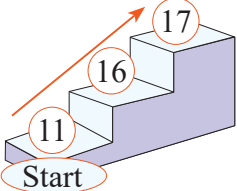
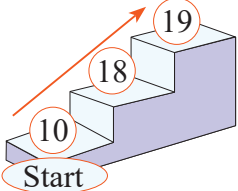
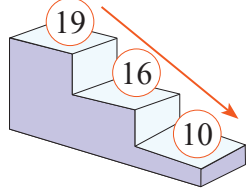
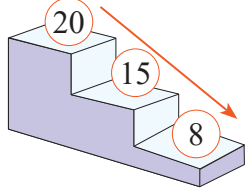
1. (a)  
 (b)  
 (c)  

(d)  = 
 20 = 20

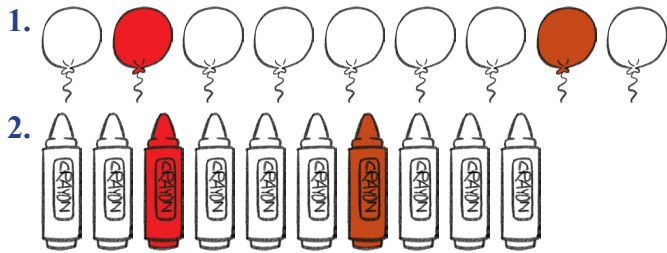
2. (a) $15 > 13$ (b) $17 < 20$
 (c) $16 = 16$ (d) $11 < 14$
 (e) $19 < 20$ (f) $15 > 9$
 (g) $14 > 12$ (h) $15 < 17$

3. (a) 8 10 4 (b) 11 15 19
 (c) 7 10 16

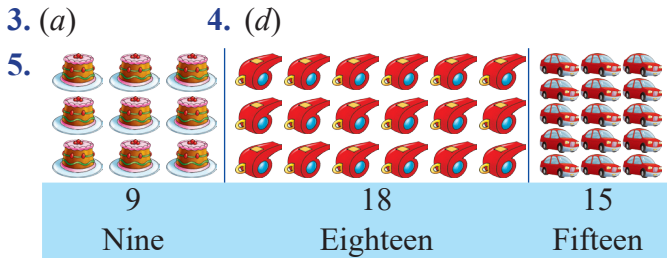
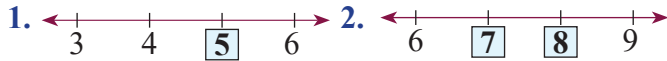
Practice Time 2I

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) 17 16 14 13 12 (b) 12 11 10 9 8
 (c) 14 13 12 11 10

Practice Time 2J



Chapter Assessment



20	8	1	11	15	5	12	2
7	17	15	0	12	3	9	18

12	14	19	20	0
11	9	14	1	2
16	19	14	13	4
15	10	5	16	12

8. (a) Third

(b) Seventh

Mental Maths (Page 38)

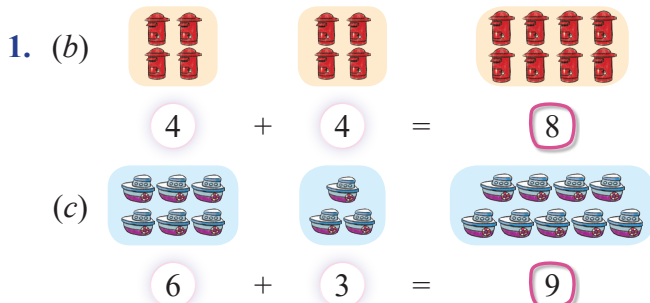
1. 1 2. 10 3. 9

CHAPTER 3 : ADDITION UP TO 20

Get Ready

1. 10 2. 8 3. 10
4. 9 5. 10 6. 10

Practice Time 3A



2. (b) $5 + 3 = 8$ $5 \rightarrow 6 \rightarrow 7 \rightarrow 8$

(c) $7 + 2 = 9$ $7 \rightarrow 8 \rightarrow 9$

(d) $6 + 3 = 9$ $6 \rightarrow 7 \rightarrow 8 \rightarrow 9$

(e) $7 + 3 = 10$ $7 \rightarrow 8 \rightarrow 9 \rightarrow 10$

(f) $8 + 3 = 11$ $8 \rightarrow 9 \rightarrow 10 \rightarrow 11$

(g) $3 + 6 = 9$ $3 \rightarrow 4 \rightarrow 5 \rightarrow 6 \rightarrow 7 \rightarrow 8 \rightarrow 9$

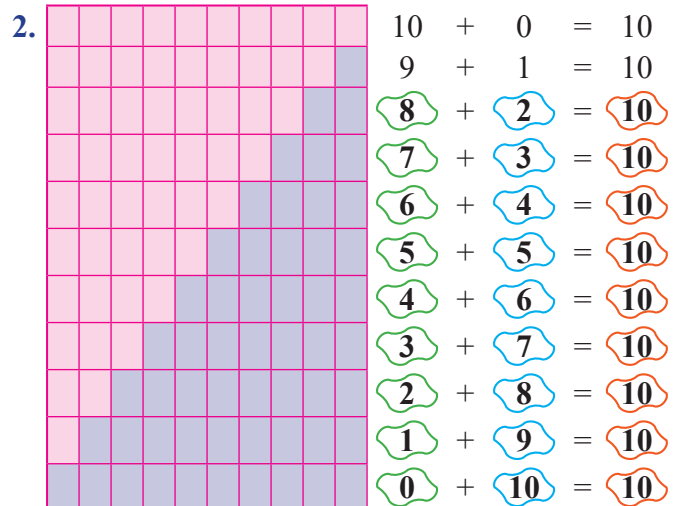
(h) $5 + 4 = 9$ $5 \rightarrow 6 \rightarrow 7 \rightarrow 8 \rightarrow 9$

Practice Time 3B

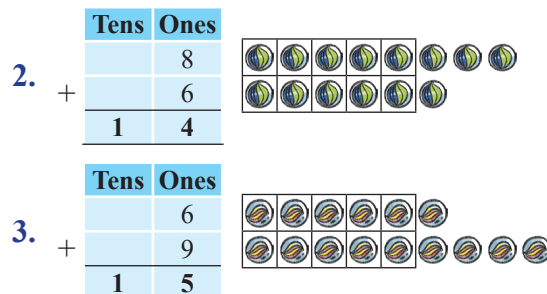
1. $5 + 4 = 9$ 2. $7 + 9 = 16$ 3. $8 + 6 = 14$

Practice Time 3C

1. (a) $4 + 5 = 9$ (b) $7 + 3 = 10$ (c) $9 + 0 = 9$
(d) $8 + 2 = 10$ (e) $5 + 3 = 8$ (f) $7 + 1 = 8$
(g) $4 + 4 = 8$ (h) $3 + 5 = 8$ (i) $2 + 4 = 6$



Practice Time 3D



4.

Tens	Ones
	9
	8
1	7

5.

Tens	Ones
	5
	7
1	2

6.

Tens	Ones
	5
	8
1	3

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

 $+$

Tens	Ones
1	4
	5
1	9

(c)

Tens	Ones
1	4
	5
1	9

 $+$

Tens	Ones
1	1
	2
1	3

(d)

Tens	Ones
1	1
	2
1	3

 $+$

Tens	Ones
1	1
	2
1	3

(e)

Tens	Ones
1	3
	3
1	6

 $+$

Tens	Ones
1	8
	1
1	9

(f)

Tens	Ones
1	8
	1
1	9

 $+$

Tens	Ones
1	2
	6
1	8

(g)

Tens	Ones
1	2
	6
1	8

 $+$

Tens	Ones
1	2
	6
1	8

(h)

Tens	Ones
1	6
	2
1	8

 $+$

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 =
 $4 + 1 = 5$

(d) and =
 $0 + 1 = 1$

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) $1 + 6 = 7$ $6 + 1 = 7$

4. $5 + 2 = 7$ $4 + 1 = 5$ $8 + 2 = 10$ $3 + 6 = 9$

$1 + 4 = 5$ $2 + 5 = 7$ $6 + 3 = 9$ $2 + 8 = 10$

Practice Time 3I

1.

Tens	Ones
	9
	7
1	6

2.

Tens	Ones
	8
	7
1	5

3.

Tens	Ones
	3
	6
1	9

Life Skills (Page 52)

Tens	Ones
1	2
	6
1	8

Avni and Sally donated ₹18 altogether.

Maths Fun (Page 52)

$20 + 0 = 20$ $7 + 9 = 16$ $14 + 5 = 19$ $6 + 1 = 7$

16 20 7 19

Challenge Question (Page 52)

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

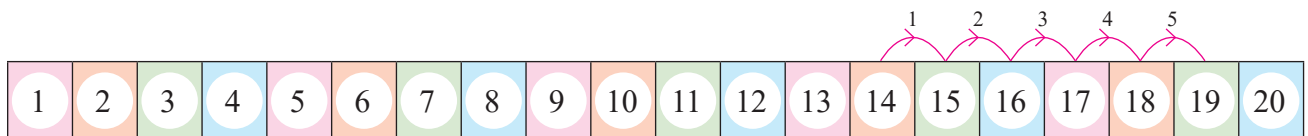
Chapter Assessment

1. (d) 2. (c)

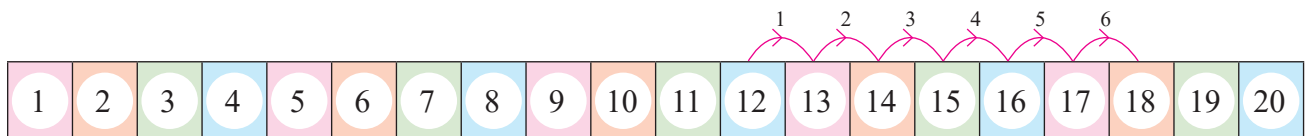
3. (a) $4 + 2 = 6$ (b) $3 + 4 = 7$ (c) $7 + 1 = 8$ (d) $5 + 0 = 5$ (e) $6 + 3 = 9$

$3 + 6 = 9$ $1 + 7 = 8$ $0 + 5 = 5$ $4 + 3 = 7$ $2 + 4 = 6$

4. (a) $14 + 5 = 19$



- (b) $12 + 6 = 18$



5. (a)

Tens	Ones
	4
	8
1	2

 (b)

Tens	Ones
1	4
	2
1	6

 (c)

Tens	Ones
	6
1	2
1	8

 (d)

Tens	Ones
1	1
	8
1	9

6. $11 + 7 = 18$ seashells

Mental Maths (Page 54)

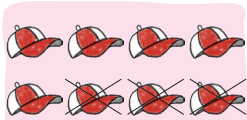
1. (a) True (b) False (c) False

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

CHAPTER 4 : SUBTRACTION UP TO 20

Practice Time 4A

1. (b)



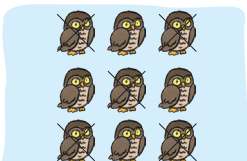
$$8 - 3 = 5$$

(c)



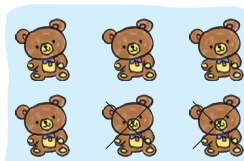
$$7 - 1 = 6$$

(d)



$$9 - 5 = 4$$

(e)



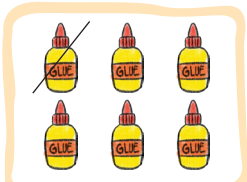
$$6 - 2 = 4$$

(f)



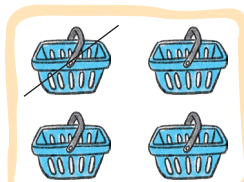
$$10 - 7 = 3$$

2. (b)



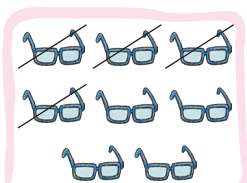
$$6 - 1 = 5$$

(c)



$$4 - 1 = 3$$

(d)



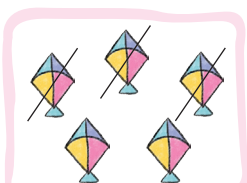
$$8 - 4 = 4$$

(e)



$$3 - 2 = 1$$

(f)



$$5 - 3 = 2$$

Practice Time 4B

2. $18 - 9 = 9$



3. $17 - 5 = 12$



4. $19 - 8 = 11$



5. $15 - 5 = 10$



6. $14 - 6 = 8$

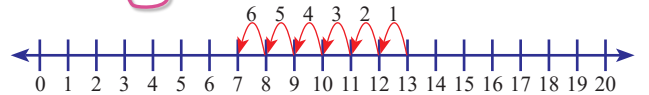


7. $16 - 7 = 9$

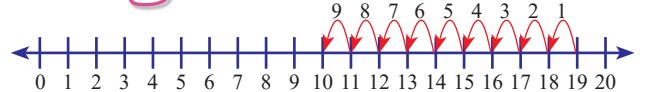


Practice Time 4C

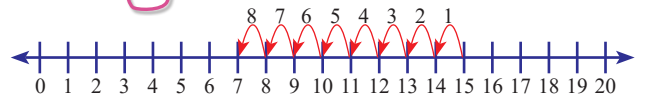
1. $13 - 6 = 7$



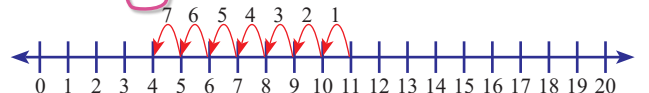
2. $19 - 9 = 10$



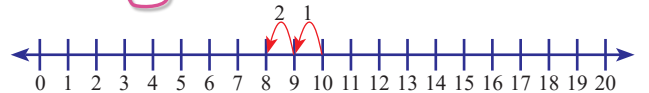
3. $15 - 8 = 7$



4. $11 - 7 = 4$



5. $10 - 2 = 8$



Practice Time 4D

1. (a) $4 - 2 = 2$

(b) $7 - 2 = 5$

(c) $9 - 8 = 1$

(e) $8 - 4 = 4$

(g) $9 - 5 = 4$

(i) $6 - 4 = 2$

(d) $5 - 2 = 3$

(f) $8 - 5 = 3$

(h) $10 - 9 = 1$

(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) $10 - 8 = 2$

(i) $10 - 9 = 1$

(j) $10 - 10 = 0$

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) $8 - 7 = 1$

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

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
	8
-	3
	5

2.

Tens	Ones
1	7
-	7
1	0

3.

Tens	Ones
1	6
-	4
1	2

4.

Tens	Ones
	9
-	7
	2

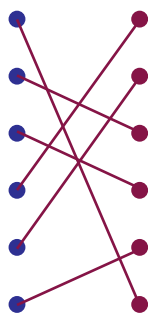
5.

Tens	Ones
1	9
-	7
1	2

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



(c) $5 - 3 = 2$



(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
(b)	$18 - 5 = 13$	18 17 16 15 14 13
(c)	$19 - 9 = 10$	19 18 17 16 15 14 13 12 11 10
(d)	$15 - 6 = 9$	15 14 13 12 11 10 9

5. (a)

Tens	Ones
1	9
-	7
1	2

(b)

Tens	Ones
1	8
-	6
1	2

(c)

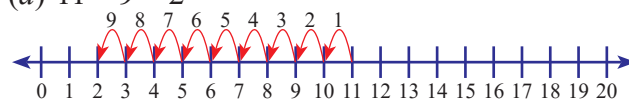
Tens	Ones
	9
-	7
	2

(d)

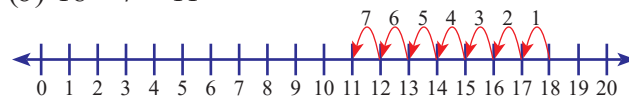
Tens	Ones
1	4
-	3
1	1

6. (b) $(17) - (6) = (11)$ (c) $(15) - (7) = (8)$
 (d) $(1) + (9) = (10)$ (e) $(18) - (5) = (13)$
 (f) $(9) + (8) = (17)$

7. (a) $11 - 9 = 2$



(b) $18 - 7 = 11$



8. Number of pizzas mummy 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 hotdogs 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 six 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.

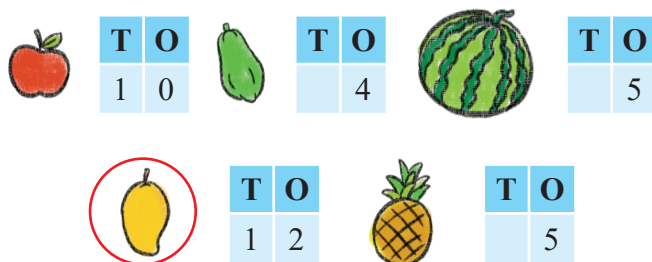
2. Total number of biscuits in a packet = 12
 Number of biscuits eaten by Radha, Sonu, Deepak and Priya = $2 + 2 + 2 + 2 = 8$
 Number of biscuits left in the packet = $12 - 8$

Tens	Ones
1	2
—	8
	4

Therefore, total number of biscuits left in the packet = 4.

CHAPTER 5 : NUMBERS 21 TO 50

Get Ready



Fast Check (Page 76)

- 9
- 3
- 44; only one

Practice Time 5A

1. (b)

Tens	Ones
4	7

 $47 = 4$ tens and 7 ones
- (c)

Tens	Ones
3	8

 $38 = 3$ tens and 8 ones
- (d)

Tens	Ones
2	1

 $21 = 2$ tens and 1 ones
- (e)

Tens	Ones
2	4

 $24 = 2$ tens and 4 ones
- (f)

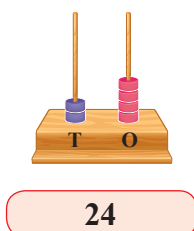
Tens	Ones
4	0

 $40 = 4$ tens and 0 ones

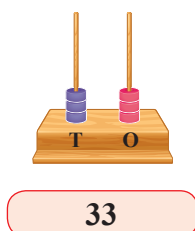
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

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

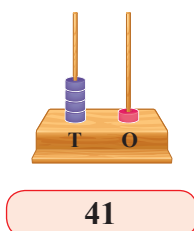
4. (a)



(b)



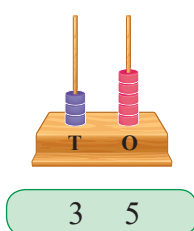
(c)



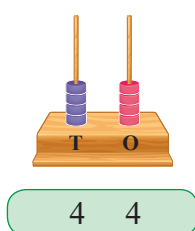
(d)



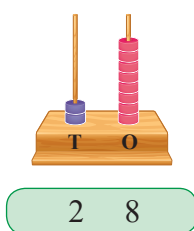
5. (a)



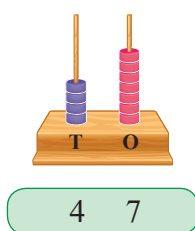
(b)



(c)



(d)



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

Practice Time 5B

1. (a)



(b)



(c)



(d)



2. (a)



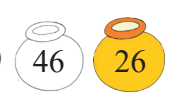
(b)



(c)



(d)



3. (a)

21 > 19

(b)

33 < 44

(c)

23 < 33

(d)

42 > 24

(e)

30 < 32

(f)

10 > 6

(g)

45 = 4 tens 5 ones

(h)

2 tens 6 ones = 26

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

3. Twenty-three

34

2. (c) 43

Thirty-three

22

Forty-six

50

Thirty-seven

48

Thirty-four

46

Thirty

28

Fifty

29

Forty-eight

37

Forty-one

23

Twenty-eight

30

Twenty-nine

41

Twenty-two

33

4.

34	Thirty-four	47	Forty-seven	45	Forty-five
26	Twenty-six	31	Thirty-one	20	Twenty
30	Thirty	36	Thirty-six	46	Forty-six
42	Forty-two	50	Fifty	39	Thirty-nine

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)

1.

Tens	Ones
4	9

 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
7. THIRTY-SEVEN
8. SIXTEEN
9. TWENTY-SIX
10. FORTY-EIGHT

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

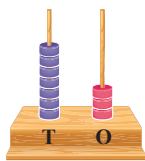
Think Tank (Page 92)

Tens	Ones
6	7



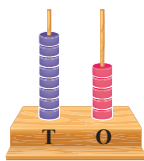
Practice Time 6B

1. (a)



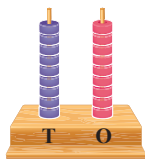
73

(b)



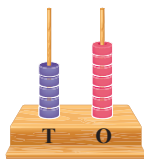
85

(c)



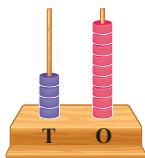
99

(d)



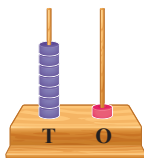
57

2. (a)



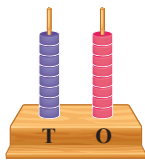
4 9

(b)



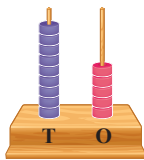
7 1

(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

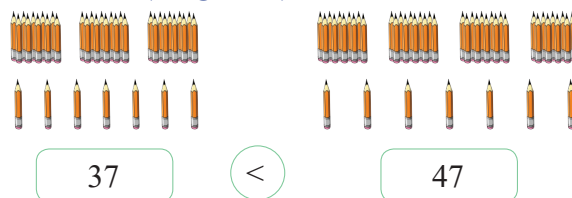
Maths Connect (Page 94)

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

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
 (c) 32, 35, 40, 86, 91

8. (a) 8 tens + 5 ones 96 $\rightarrow$ 90 + 6
 (b) 3 tens + 8 ones 85 $\rightarrow$ 50 + 9
 (c) 5 tens + 9 ones 83 $\rightarrow$ 80 + 5
 (d) 9 tens + 6 ones 38 $\rightarrow$ 80 + 3
 (e) 8 tens + 3 ones 59 $\rightarrow$ 30 + 8

Challenge Question (Page 100)

1. 9 2. 90 3. 10

Mental Maths (Page 100)

1. (a) 5 tens and 2 ones $>$ 3 tens and 6 ones
 (b) 83 $<$ 90 + 5
 (c) 0 tens and 8 ones $<$ 30 + 4
 (d) 90 + 6 $>$ 69
 (e) 3 tens and 3 ones $>$ 0 tens and 6 ones
 2. 11 3. 80 + 0 or 80

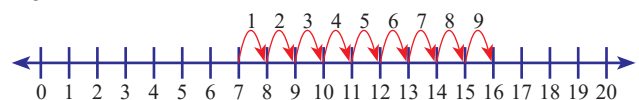
MODEL TEST PAPER-1

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 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 (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 = $41 + 45$

Tens	Ones
4	1
+	4
8	6

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

2. The number of students who is more interested to go to Damdama Lake than Surajkund = $63 - 42$

Tens	Ones
6	3
-	4
2	1

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

- | Tens | Ones |
|------|------|
| 1 | 5 |
| + | 4 |
| 1 | 9 |
- | Tens | Ones |
|------|------|
| 4 | 1 |
| + | 6 |
| 4 | 7 |
- | Tens | Ones |
|------|------|
| 2 | 5 |
| + | 3 |
| 2 | 8 |
- | Tens | Ones |
|------|------|
| 5 | 8 |
| + | 0 |
| 5 | 8 |
- | Tens | Ones |
|------|------|
| 7 | 4 |
| + | 4 |
| 7 | 8 |
- | Tens | Ones |
|------|------|
| 8 | 1 |
| + | 7 |
| 8 | 8 |
- | Tens | Ones |
|------|------|
| 3 | 4 |
| + | 5 |
| 3 | 9 |
- | Tens | Ones |
|------|------|
| 6 | 2 |
| + | 7 |
| 6 | 9 |

Practice Time 7B

- | Tens | Ones |
|------|------|
| 3 | 0 |
| + | 5 |
| 8 | 0 |
- | Tens | Ones |
|------|------|
| 3 | 0 |
| + | 3 |
| 6 | 0 |
- | Tens | Ones |
|------|------|
| 7 | 0 |
| + | 1 |
| 8 | 0 |
- | Tens | Ones |
|------|------|
| 3 | 0 |
| + | 2 |
| 5 | 0 |
- | Tens | Ones |
|------|------|
| 3 | 0 |
| + | 4 |
| 7 | 0 |
- | Tens | Ones |
|------|------|
| 5 | 0 |
| + | 1 |
| 6 | 0 |
- | Tens | Ones |
|------|------|
| 6 | 0 |
| + | 3 |
| 9 | 0 |
- | Tens | Ones |
|------|------|
| 7 | 0 |
| + | 2 |
| 9 | 0 |

Maths Connect (Page 107)

32 pieces

Practice Time 7C

- | Tens | Ones |
|------|------|
| 2 | 5 |
| + | 2 |
| 4 | 9 |
- | Tens | Ones |
|------|------|
| 5 | 6 |
| + | 4 |
| 9 | 7 |
- | Tens | Ones |
|------|------|
| 3 | 3 |
| + | 2 |
| 5 | 8 |

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 7 \\ + 2 \quad 1 \\ \hline 9 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 7 \\ + 2 \quad 0 \\ \hline 8 \quad 7 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 6 \\ + 2 \quad 2 \\ \hline 6 \quad 8 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 2 \quad 5 \\ + 6 \quad 0 \\ \hline 7 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 2 \quad 1 \\ + 7 \quad 0 \\ \hline 9 \quad 1 \end{array}$$

Practice Time 7D

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 8 \\ - \quad \quad 6 \\ \hline 4 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 3 \quad 6 \\ - \quad \quad 1 \\ \hline 3 \quad 5 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 0 \\ - \quad \quad 0 \\ \hline 5 \quad 0 \end{array}$$

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

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 9 \\ - \quad \quad 7 \\ \hline 7 \quad 2 \end{array}$$

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

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 5 \\ - \quad \quad 3 \\ \hline 9 \quad 2 \end{array}$$

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

Practice Time 7E

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 0 \\ - 6 \quad 0 \\ \hline 1 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 0 \\ - 3 \quad 0 \\ \hline 2 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 0 \\ - 2 \quad 0 \\ \hline 2 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 0 \\ - 4 \quad 0 \\ \hline 3 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 0 \\ - 5 \quad 0 \\ \hline 1 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 0 \\ - 1 \quad 0 \\ \hline 7 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 0 \\ - 3 \quad 0 \\ \hline 1 \quad 0 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 9 \quad 0 \\ - 7 \quad 0 \\ \hline 2 \quad 0 \end{array}$$

Practice Time 7F

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 8 \\ - 6 \quad 2 \\ \hline 1 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 6 \\ - 3 \quad 0 \\ \hline 2 \quad 6 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 9 \\ - 1 \quad 7 \\ \hline 6 \quad 9 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 6 \\ - 3 \quad 3 \\ \hline 4 \quad 3 \end{array}$$

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

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 8 \\ - 2 \quad 7 \\ \hline 6 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 7 \\ - 3 \quad 4 \\ \hline 3 \quad 3 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 3 \\ - 4 \quad 3 \\ \hline 1 \quad 0 \end{array}$$

$$2. (a) 48 - 16$$

$$(b) 75 - 24$$

$$(c) 89 - 62$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 8 \\ - 1 \quad 6 \\ \hline 3 \quad 2 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 5 \\ - 2 \quad 4 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 8 \quad 9 \\ - 6 \quad 2 \\ \hline 2 \quad 7 \end{array}$$

$$(d) 73 - 42$$

$$(e) 45 - 21$$

$$(f) 61 - 11$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 3 \\ - 4 \quad 2 \\ \hline 3 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 5 \\ - 2 \quad 1 \\ \hline 2 \quad 4 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 1 \\ - 1 \quad 1 \\ \hline 5 \quad 0 \end{array}$$

$$(g) 72 - 21$$

$$(h) 58 - 36$$

$$\begin{array}{r} \text{Tens Ones} \\ 7 \quad 2 \\ - 2 \quad 1 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 8 \\ - 3 \quad 6 \\ \hline 2 \quad 2 \end{array}$$

Practice Time 7G

$$1. (a) 34 \text{ and } 23$$

$$\begin{array}{r} \text{Tens Ones} \\ 3 \quad 4 \\ + 2 \quad 3 \\ \hline 5 \quad 7 \end{array} = 5 \text{ tens} + 7 \text{ ones}$$

$$(b) 45 \text{ and } 23$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 5 \\ + 2 \quad 3 \\ \hline 6 \quad 8 \end{array} = 6 \text{ tens} + 8 \text{ ones}$$

$$(c) 41 \text{ and } 32$$

$$\begin{array}{r} \text{Tens Ones} \\ 4 \quad 1 \\ + 3 \quad 2 \\ \hline 7 \quad 3 \end{array} = 7 \text{ tens} + 3 \text{ ones}$$

$$(d) 55 \text{ and } 11$$

$$\begin{array}{r} \text{Tens Ones} \\ 5 \quad 5 \\ + 1 \quad 1 \\ \hline 6 \quad 6 \end{array} = 6 \text{ tens} + 6 \text{ ones}$$

$$(e) 67 \text{ and } 31$$

$$\begin{array}{r} \text{Tens Ones} \\ 6 \quad 7 \\ + 3 \quad 1 \\ \hline 9 \quad 8 \end{array} = 9 \text{ tens} + 8 \text{ ones}$$

$$(f) 14 \text{ and } 61$$

$$\begin{array}{r} \text{Tens Ones} \\ 1 \quad 4 \\ + 6 \quad 1 \\ \hline 7 \quad 5 \end{array} = 7 \text{ tens} + 5 \text{ ones}$$

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	

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. Birds sitting on a tree = 63

Birds flew away = 11

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 17 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

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)

2.



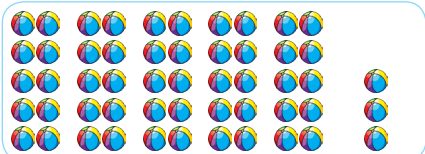
32



16

Tens	Ones
3	2
1	6
4	8

3.

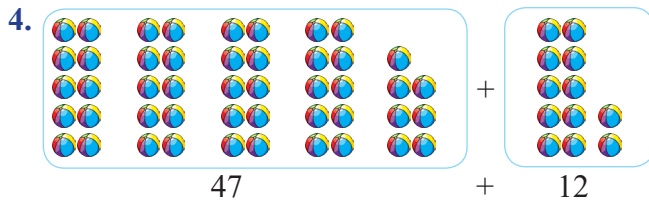


53



6

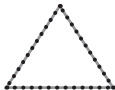
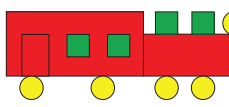
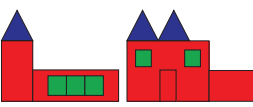
Tens	Ones
5	3
	6
5	9



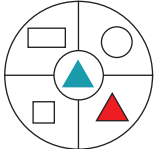
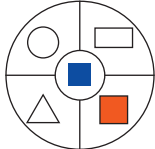
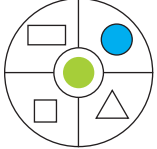
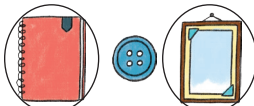
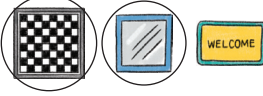
Tens	Ones
4	7
+	1
5	9

CHAPTER 8 : SHAPES AND PATTERNS

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

Practice Time 8B

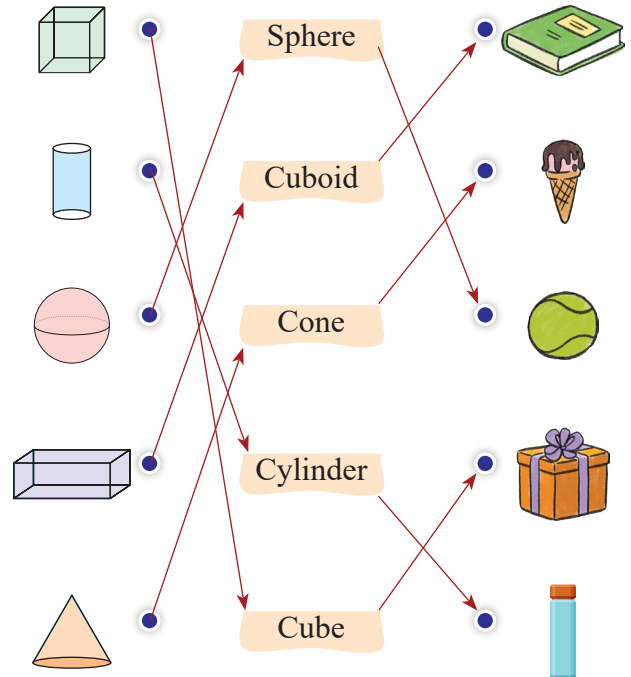
1. (a)  (b)  (c) 
2. (a)  (b) 
 (c)  (d) 

Practice Time 8C

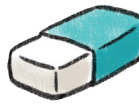
1. (a)  (b) 
 Cone/Cube/Cylinder Cone/Sphere/Cylinder
 (c)  (d) 
 Cylinder/Cone/Cube Cone/Cube/Cylinder

- (e)  Sphere/Cube/Cylinder
 (f)  Cone/Sphere/Cylinder

2.



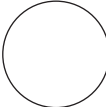
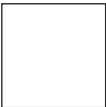
Practice Time 8D

1.    
☒ ☒ ☒ ☒
   
☒ ☒ ☒ ☒
 2.    
☒ ☐ ☐ ☒
   
☐ ☐ ☒ ☐

Practice Time 8E

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

Mental Maths (Page 127)

1.							
2.							
3.	2	4	6	8	9	10	12
4.	A	AB	ABC	ABCD	ACDE	ABCDE	ABCDEF

Chapter Assessment

1. (d)	2. (d)
3. (a) 	Roll  Slide  Both 
(b) 	Roll  Slide  Both 
(c) 	Roll  Slide  Both 
4. (a)	       
(b)	       

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

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

CHAPTER 9 : MULTIPLICATION

Get Ready

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

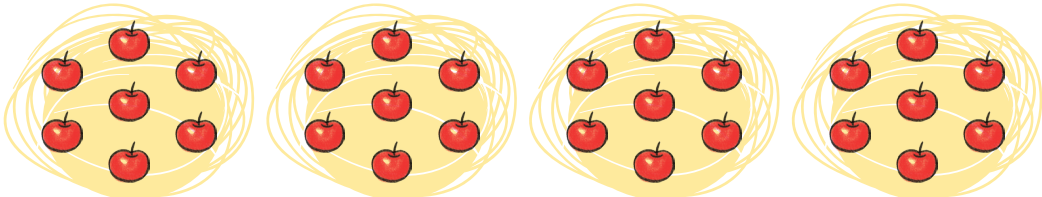
2. Total number of parrots = $3 + 3 + 3 + 3 = 12$

Practice Time 9A

1. 

6 + 6 + 6 = 18 water bottles in all

3 groups of 6 = 18

2. 

7 + 7 + 7 + 7 = 28 apples in all

4 groups of 7 = 28

3. 

3 + 3 + 3 + 3 + 3 = 15 balls in all

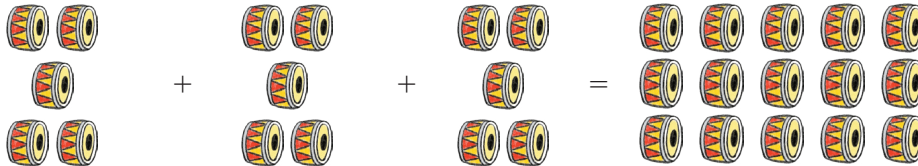
5 groups of 3 = 15

Practice Time 9B

1. (b) 

4 + 4 + 4 + 4 = 16

4 times 4 = 16

(c) 

5 + 5 + 5 = 15

3 times 5 = 15

Detailed Solutions

	Repeated addition	Number of times repeated	Multiplication fact	Answer
2. (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 = $6 \times 4 = 24$.

Practice Time 9C

- $5 \times \underline{3} = 15$
- $6 \times \underline{2} = 12$
- $3 \times 2 = \underline{6}$
- $5 \times \underline{4} = 20$
- $2 \times 5 = \underline{10}$
- $\underline{10} \times 4 = 40$
- $\underline{2} \times 4 = 8$
- $3 \times \underline{10} = 30$
- $5 \times \underline{2} = 10$
- $6 \times 1 = \underline{6}$

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

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

Maths Fun (Page 136)

N

E

W

8×1

7×5

5×8

D

E

L

H

I

9×2

5×7

9×10

2×8

2×10

Mental Maths (Page 136)

- $4 \times 3 = 12$ wheels.
- $5 \times 7 = 35$ days
- $7 \times 10 = 70$ pages
- $4 \times 4 = 16$ dots.

Chapter Assessment

- (a)
- (a)
- (b)
- (a) $3 + 3 + 3 + 3 = 12$
- (b) $6 + 6 = 12$

		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)

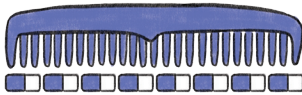
- $6 \times 3 = 18$ pencils
- $10 \times 3 = 30$ sides
- $5 \times 8 = 40$ buttons
- 2, as $2 + 2 = 2 \times 2 = 4$

CHAPTER 10 : MEASUREMENT

Get Ready

- Ranjan is shorter than Kavya.
- The cupboard is bigger than the window.
- The sofa on the left is lighter than the sofa on the right.
- The bottle can hold more water than the glass.

Practice Time 10A

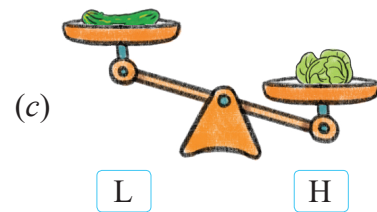
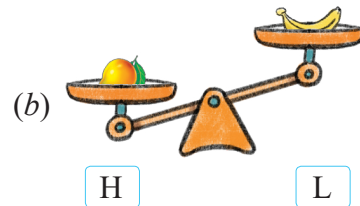
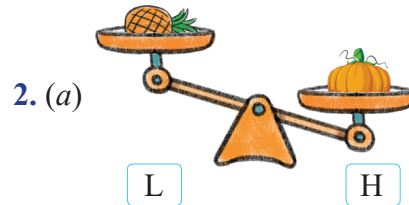
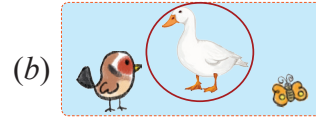
-  5 erasers
 -  10 erasers
 -  8 erasers
 -  6 erasers

- 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.

Practice Time 10B

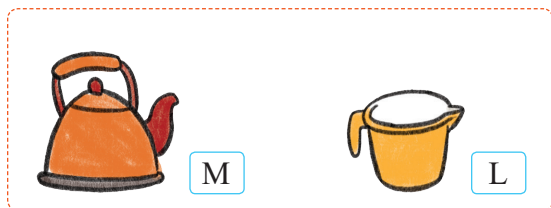


Practice Time 10C

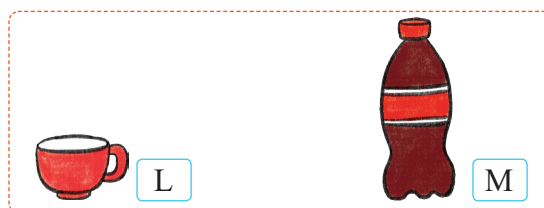
- 
1 papaya weighs as much as 7 oranges.
- 
4 books weigh as much as 1 school bag.
- 
2 dolls weigh as much as 4 pencil boxes.
- 
3 waterbottles weigh as much as 5 dusters.

Practice Time 10D

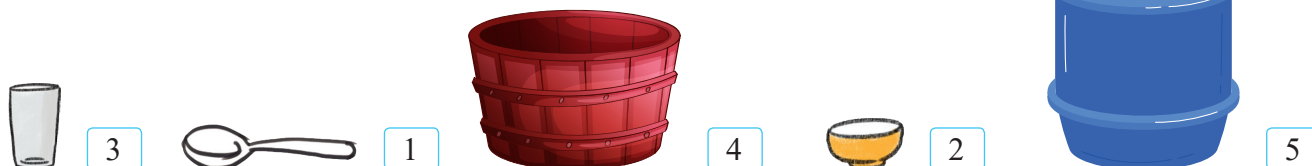
1. (a)



(b)

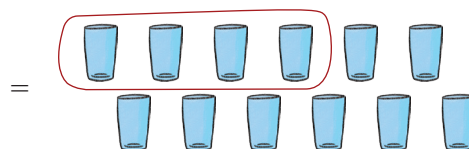


2.

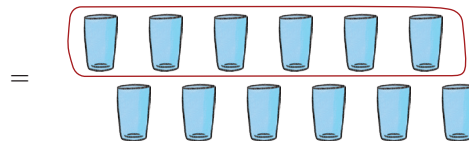


Practice Time 10E

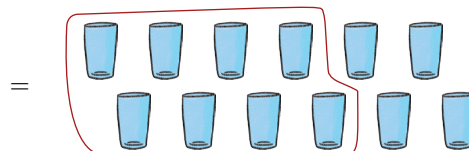
1. (a)



(b)



(c)



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

(c) Capacity of the jug = 4 glasses.

(b) Capacity of the glass = 2 cups.

Chapter Assessment

1. (b)

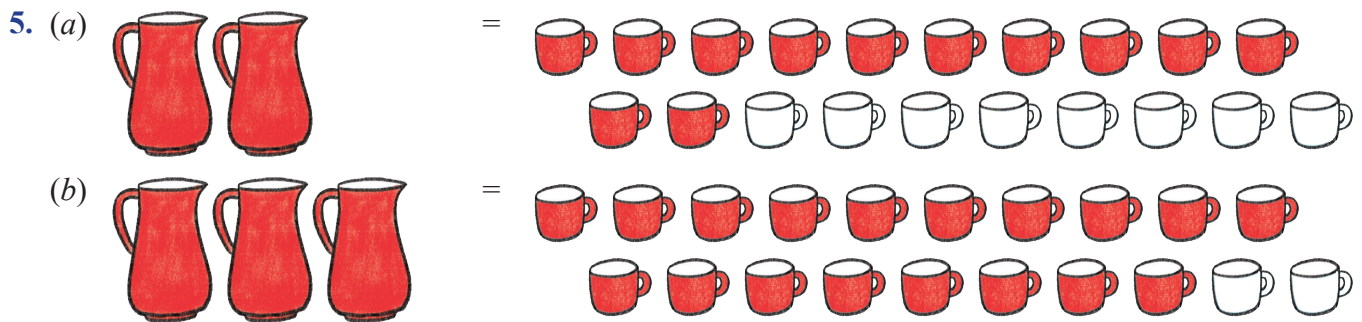
2. (b)

3. (b)

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

(b) The cricket bat weighs about 5 balls.



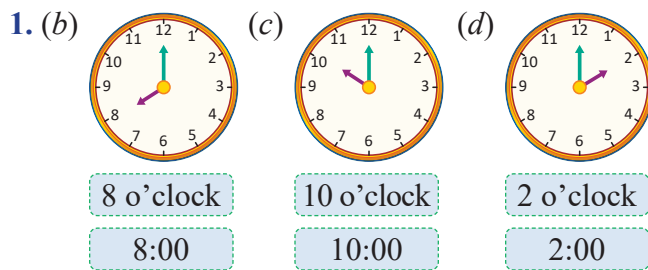


CHAPTER 11 : TIME

Practice Time 11A



Practice Time 11B



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

Chapter Assessment

- (c)
- (b)
4. (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

Challenge Question (Page 158)

- Twice; The hour hand completes two rounds on the dial in a day.
- There are 24 hours in a day.

Detailed Solutions

CHAPTER 12 : MONEY

Get Ready

1. (a)  ₹60 (b)  ₹15 (c)  ₹20

2. Ball, Car, Bat

Practice Time 12A

1. (b) Thirty rupees = ₹30 (c) Forty paise = 40p (d) Sixty paise = 60p
 (e) Seventy-five rupees = ₹75 (f) Ninety paise = 90p (g) One hundred rupees = ₹100
 (h) Twenty-five rupees = ₹25

2. (a)  +  +  +  + 
 2 → 4 → 6 → 8 → 10 → ₹10

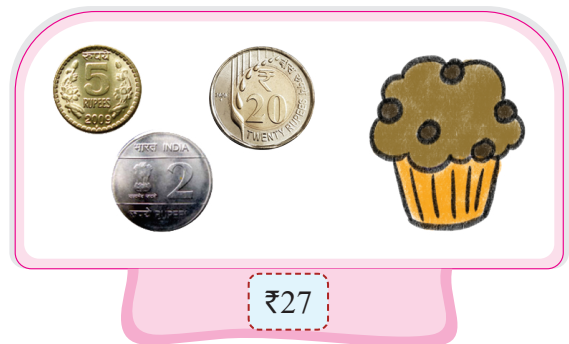
- (b)  +  +  +  + 
 5 → 10 → 15 → 20 → 25 → ₹25

- (c)  +  +  +  + 
 10 → 20 → 30 → 40 → 50 → ₹50

3. (a)  +  +  +  = ₹ 26

- (b)  +  +  +  +  +  +  = ₹ 43

4. (a) (b)



Practice Time 12B

1.

₹	4	5
₹	1	4
₹	3	1

So, the cost of pen is ₹31.

2.

₹	1	5
₹		4
₹	1	9

So, ₹19 was with Sanchi's sister.

3.

₹	2	0
₹		5
₹	2	5

So, Rashi has ₹25 now.

4.

₹	8	8
₹	4	5
₹	4	3

So, cold drink bottle is cheaper by ₹43.

Mental Maths (Page 163)

1. (a)  +  >  +  + 
- (b)  +  <  + 
- (c)  =  +  + 

2. (a) ₹9

(b) ₹2

(c) ₹80

(d) ₹70

Chapter Assessment

1. (a)  +  +  + 
- (b)  +  +  +  + 
- (c)  +  +  +  + 
- (d)  +  +  + 
- Diagram showing connections from the above items to the right:
- 5 rupee coin (a) connects to ₹50 note
 - 2 rupee coin (b) connects to ₹20 note
 - 1 rupee coin (c) connects to ₹10 note
 - 10 rupee note (d) connects to ₹20 note

2. (a) ₹25 =  +  +  +  + 
- (b) ₹7 =  +  +  +  + 
- (c) ₹72 =  +  +  +  +  + 
- (d) ₹43 =  +  +  +  +  + 

3. ₹50 – ₹40 = ₹10

4. ₹100 – ₹70 = ₹30

Challenge Question (Page 164)

The amount Anju has = $2 \times 50 = ₹100$

The amount Asha has = $3 \times 20 = ₹60$

Difference of these amounts = $₹100 - ₹60 = ₹40$

Anju has ₹40 more than Asha.

Detailed Solutions

CHAPTER 13 : DATA HANDLING

Get Ready



- Honey bee
- Ant and Caterpillar; Dragonfly, Grasshopper and Snail; Sparrow and Butterfly
- 1 sparrow is more than chicks.

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 stickers of animals	Coloured stars				
	4	★	★	★	★	☆
	2	★	★	☆	☆	☆
	3	★	★	★	☆	☆
	5	★	★	★	★	★

- Bear
- Tiger
- 2
- 11

CHAPTER 14 : INTRODUCTION TO DIVISION

Fast Check (Page 173)

- 8
- 4
- 2
- Yes

Practice Time 14

- (a) 10 (b) 2 (c) 5 (d) 10, 2, 5 (e) 5
- (a) 15 (b) 3 (c) 5 (d) $15 \div 3 = 5$

MODEL TEST PAPER-2

- (b)
- (c)
- (c)
- (a)
- (d)
- (c)
- (c)
- (b)
- (b)
- (d)
- (a) False (b) True (c) False (d) False (e) True
- (a) ₹5 + ₹5 or ₹5 + ₹2 + ₹2 + ₹1 or ₹2 + ₹2 + ₹2 + ₹2 + ₹2 (b) ₹5 + ₹5 + ₹5 or ₹5 + ₹5 + ₹2 + ₹2 + ₹1 or ₹5 + ₹2 + ₹2 + ₹2 + ₹2 + ₹2 or ₹5 + ₹5 + ₹1 + ₹1 + ₹1 + ₹1 + ₹1
- ₹75
- 32 cookies
- (a) elephant = 6 triangles, giraffe = 9 triangles (b) 5 triangles
- 44 legs