

Key to

Soaring Higher and Higher in



MATHEMATICS



PROGRESS PUBLISHERS

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Exercise 1.5

- | | |
|-----------------------------|-------------------------|
| 1. a. $2000 + 200 + 50 + 7$ | b. $5000 + 300 + 0 + 4$ |
| c. $7000 + 600 + 10 + 8$ | d. $9000 + 0 + 0 + 1$ |
| 2. a. 9325 | b. 2101 |
| c. 4694 | d. 7830 |

A Hungry Wolf!

The Waiter

Exercise 1.6

- | | |
|---------------------------|---------------------------|
| 1. a. 1117, 1119, 1121 | b. 2321, 2324, 2327 |
| c. 3235, 3240, 3245 | d. 4024, 4030, 4036 |
| 2.Aa. 5365, 5375, 5385 | b. 6810, 6820, 6830, 6840 |
| c. 7247, 7257, 7267, 7277 | d. 8135, 8145, 8155, 8165 |
| B a. 6310, 6410, 6510 | b. 7325, 7425, 7525, 7625 |
| c. 8450, 8550, 8650, 8750 | d. 9575, 9675, 9775, 9875 |
| C a. 3666, 4666, 5666 | b. 3777, 4777, 5777, 6777 |
| c. 4888, 5888, 6888, 7888 | d. 5999, 6999, 7999, 8999 |

Exercise 1.7

- | | | | |
|----------------------------------|------------------------------------|---------|---------|
| 1. a. $<$ | b. $>$ | c. $=$ | d. $<$ |
| e. $>$ | f. $>$ | g. $=$ | h. $>$ |
| i. $<$ | | | |
| 2. a. 2650 | b. 8540 | c. 4514 | d. 8616 |
| e. 6746 | f. 9812 | | |
| 3. a. 2060 | b. 5268 | c. 7505 | d. 2431 |
| e. 9000 | f. 2891 | | |
| 4. a. $1252 < 1547$, Storybooks | b. $1590 > 1450$, Marigold plants | | |

Exercise 1.8

1. a. 1408, 2105, 2501, 3001, 4401
b. 1523, 2798, 3145, 4167, 5812
c. 6050, 6105, 6510, 6570, 6650

2. a. 4231, 3241, 2431, 2143, 1243
 b. 8412, 8241, 8142, 4821, 4128
 c. 9999, 9909, 9090, 9009, 9000

Brain Tuner

1. 9995, 9996, 9997, 9998
2. 9003, 9002, 9001, 9000

Exercise 1.9

1. a. 2346 b. 4051 c. 5700 d. 7878
 e. 9199
2. a. 1049 b. 3696 c. 5999 d. 8300
 e. 9247
3. a. 3998 $\leftarrow$ 3999 $\rightarrow$ 4000
 b. 5539 $\leftarrow$ 5540 $\rightarrow$ 5541
 c. 7808 $\leftarrow$ 7809 $\rightarrow$ 7810
 d. 8899 $\leftarrow$ 8900 $\rightarrow$ 8901
4. a. 1 b. 1 c. 1000 d. 9998

Exercise 1.10

1. a. 8731, 1378 b. 9642, 2469 c. 6540, 4056
 d. 7541, 1457 e. 9832, 2389
2. a. 8863, 3368 b. 6653, 3356 c. 8874, 4478
 d. 9952, 2259 e. 9910, 1009

Exercise 1.11

1. a. Odd b. Even c. Even d. Odd
 e. Odd f. Even
2. a. 1002, 1004, 1006, 1008, 1010
 b. 4256, 4258, 4260, 4262, 4264
3. a. 2371, 2373, 2375, 2377, 2379
 b. 3823, 3825, 3827, 3829, 3831
4. a. 101 b. 1001 c. 1367
5. a. 998 b. 9998 c. 9736
6. a. $14 + 42 = 56$ even + even = even
 b. $23 + 35 = 58$ odd + odd = even
 c. $14 + 23 = 37$ even + odd = odd

Revision Exercise

1. a. Five thousand five hundred five
b. Seven thousand six hundred eighty-nine
2. a. $3000 + 200 + 50 + 6$ b. $8000 + 0 + 0 + 9$
3. a. 4125 b. 7946
4. a. 1400, 1500, 1600, 1700
b. 5525, 4525, 3525, 2525
c. 6650, 7650, 8650, 9650
5. a. $<$ b. $>$ c. $=$
6. 1320, 3916, 5028, 7104
7. 9310, 6013, 4301, 2925
8. a. 2575 2577 b. 9009 9011
c. 6788 6790 d. 8141 8143
9. 7610
10. 2489
11. 9856
12. 5087

Mental Maths

1. a. smallest 4-digit number b. greatest 4-digit number
c. 6000 d. 4789
e. 3179 f. 100 tens
g. 1005 h. 9799

Skills Practice

Nine thousand five hundred twenty-four

$$9000 + 500 + 20 + 4$$

$$\begin{array}{r} 9000 \\ 500 \\ 20 \\ 4 \\ \hline 9523 \end{array}$$

$$\begin{array}{r} 9000 \\ 500 \\ 20 \\ 4 \\ \hline 9523 \end{array}$$

$$\begin{array}{r} 9000 \\ 500 \\ 20 \\ 4 \\ \hline 9523 \end{array}$$

$$\begin{array}{r} 9000 \\ 500 \\ 20 \\ 4 \\ \hline 9523 \end{array}$$

Life Skills and Values

1. 7050 6459 5678 5644
2. Monday

2. Addition

Let Us Revise

1. a. $33 + 26 = 59$

$26 + 33 = 59$

c. $57 + 28 = 85$

$28 + 57 = 85$

2. a. 17

e. 88

i. 85

b. 11

f. 45

j. 83

b. $56 + 22 = 78$

$22 + 56 = 78$

d. $64 + 17 = 81$

$17 + 64 = 81$

c. 25

g. 96

d. 69

h. 62

3. 71

4. 84

Exercise 2.1

1. a. 65

e. 88

b. 96

c. 77

d. 54

2. a. 78

b. 98

Exercise 2.2

1. a. 99

e. 82

b. 87

c. 98

d. 75

2. a. 83

b. 90

Exercise 2.3

1. a. 778

e. 659

i. 889

b. 999

f. 737

j. 766

c. 519

g. 866

k. 884

d. 848

h. 899

l. 997

Exercise 2.4

1. a. 666

e. 999

i. 824

b. 755

f. 697

j. 868

c. 786

g. 675

k. 987

d. 789

h. 898

l. 976

Problem Solving

1. 399 children visited the fair altogether.
2. Rita is at page no. 227 now.
3. There are 556 fruits in the shop.
4. The baker baked 768 cookies in all.
5. There are 794 cattle in the village.

Brain Tuner

a. $313 + 176 = 489$

b. $226 + 372 = 598$

c. $124 + 751 = 875$

d. $444 + 555 = 999$

Exercise 2.5

1. a. 591

b. 463

c. 865

d. 881

e. 793

f. 790

g. 967

h. 980

Exercise 2.6

1. a. 479

b. 755

c. 918

d. 655

e. 722

f. 947

g. 524

h. 609

Exercise 2.7

1. a. 522

b. 601

c. 634

d. 803

e. 810

f. 745

g. 701

h. 982

Problem Solving

1. 615 LED bulbs are made by the factory in both the days.
2. Isha and Amit found 464 seashells in all.
3. Team B scored 351 runs.
4. There are 616 hens and chicks in the poultry farm.
5. The boy delivered 743 newspapers and magazines in all.
6. The library has 868 books in all.

Exercise 2.8

1. a. 624 women saw the movie in both the shows.
b. 762 pineapple cakes were sold in both the months.
c. Manju and her younger brother read 573 words altogether.

Exercise 2.9

1. In a shop, there are 169 pens and 271 pencils. Find the total number of pens and pencils in the shop.

Ans. The shop has 440 pens and pencils.

2. In a godown, 545 bags of wheat and 408 bags of rice were stored for distribution. Find the total quantity of bags stored in the godown.

Ans. 953 bags are stored in the godown.

Puzzle

a.

29	19	33
31	27	23
21	35	25

b.

42	14	34
22	30	38
26	46	18

c.

27	52	17
22	32	42
47	12	37

Exercise 2.10

1. a. 100

b. 400

c. 700

d. 200

e. 500

f. 900

g. 300

h. 600

i. 900

2. a. $557 + 241 = 798$

b. $259 + 308 = 567$

$600 + 200 = 800$

$300 + 300 = 600$

c. $741 + 162 = 903$

d. $272 + 418 = 690$

$700 + 200 = 900$

$300 + 400 = 700$

e. $336 + 194 = 530$

f. $223 + 178 = 401$

$300 + 200 = 500$

$200 + 200 = 400$

g. $835 + 106 = 941$

h. $379 + 237 = 616$

$800 + 100 = 900$

$400 + 200 = 600$

i. $685 + 247 = 932$

$700 + 200 = 900$

3. $237 + 156 = 393$

$200 + 200 = 400$ Yes, there are enough seats for the guests and children.

Revision Exercise

1. a. 345

b. 768

c. 875

d. 996

2. a. 665

b. 910

c. 403

d. 632

e. 914

f. 849

g. 957

h. 797

3. a. The train had 719 passengers in all.

b. Now the total population of the village is 861.

Mental Maths

1. a. 73 tens

b. 949

c. 707

d. 799

e. 444

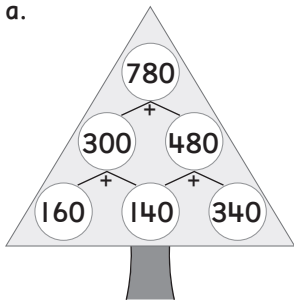
f. 199

g. 909

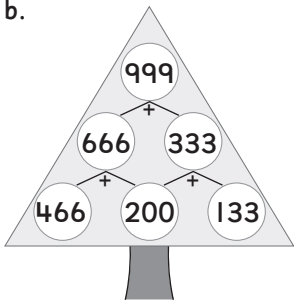
h. 800

Skills Practice

a.



b.



Life Skills and Values

721, The school gave 721 blankets in all.

3. Subtraction

Let Us Revise

- | | |
|---------------------|------------------|
| 1. a. $89 - 89 = 0$ | b. $55 - 0 = 55$ |
| c. $47 - 1 = 46$ | d. $67 - 0 = 67$ |
| e. $35 - 1 = 34$ | f. $29 - 29 = 0$ |
| 2. a. 23 | b. 16 |
| e. 72 | f. 17 |
| i. 27 | j. 21 |
| 3. a. 38 | b. 49 |

Exercise 3.1

- | | | | |
|-----------|--------|--------|--------|
| 1. a. 252 | b. 531 | c. 124 | d. 434 |
| e. 214 | f. 601 | g. 333 | h. 525 |

Exercise 3.2

- | | | | |
|-----------|--------|--------|--------|
| 1. a. 137 | b. 116 | c. 417 | d. 275 |
| e. 533 | f. 447 | g. 527 | h. 469 |

Exercise 3.3

- | | | | |
|-----------|--------|--------|--------|
| 1. a. 192 | b. 144 | c. 351 | d. 382 |
| e. 362 | f. 472 | g. 382 | h. 291 |

Exercise 3.4

- | | | | |
|-----------|--------|--------|--------|
| 1. a. 127 | b. 168 | c. 199 | d. 187 |
| e. 559 | f. 389 | g. 289 | h. 675 |

Exercise 3.5

- | | | | |
|-----------|--------|--------|--------|
| 1. a. 126 | b. 258 | c. 183 | d. 219 |
| e. 189 | f. 343 | g. 276 | h. 139 |
| i. 468 | j. 585 | k. 415 | l. 327 |

Problem Solving

1. 221 beads are red.
2. 277 sanitizers are left with the chemist.
3. 182 honeybees are in the hive now.
4. 180 balloons are left with the balloon seller.
5. 322 people did not see the complete match.
6. 265 girls participated in the competition.

Exercise 3.6

- a. 326 pencils were sold.
- b. 190 less tables furniture house made in April.
- c. 37 less cookies baker baked on Monday.

Exercise 3.7

1. There are 236 men and 191 women in a village. How many less women are there than men?
Ans. 45 women are less than men in the village.
2. In a painting competition, 968 students participated. Out of them 512 were boys. How many girls participated in the competition?
Ans. 456 girls participated in the painting competition.

Subtraction Puzzle

- | | | | |
|--------|---------|----------|---------|
| i. 489 | ii. 531 | iii. 420 | iv. 711 |
|--------|---------|----------|---------|

Exercise 3.8

- | | | | |
|----------------|-------------|-------------|-------------|
| 1. a. 745, 375 | b. 343, 781 | c. 117, 434 | d. 844, 622 |
| e. 910, 678 | f. 271, 710 | | |

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1. 323 birds are left on the strings.
2. 439 pages of the novel are left unread.
3. 556 beads are blue.
4. 790 passengers are in the train.
5. 337 pots are left with the potter.

Exercise 3.9

1. a. $587 - 324 = 263$

$600 - 300 = 300$

c. $942 - 421 = 521$

$900 - 400 = 500$

e. $884 - 526 = 358$

$900 - 500 = 400$

g. $717 - 256 = 461$

$700 - 300 = 400$

i. $925 - 249 = 676$

$900 - 200 = 700$

b. $765 - 554 = 211$

$800 - 600 = 200$

d. $675 - 128 = 547$

$700 - 100 = 600$

f. $637 - 444 = 193$

$600 - 400 = 200$

h. $845 - 256 = 589$

$800 - 300 = 500$

Revision Exercise

1. a. 220

b. 328

c. 545

d. 275

e. 199

f. 174

g. 226

h. 201

2. a. $756 - 345 = 411$

$800 - 300 = 500$

b. $893 - 468 = 425$

$900 - 500 = 400$

c. $534 - 197 = 337$

$500 - 200 = 300$

3. a. $684 - 539 = 145$

$145 + 329 = 474$

b. $742 + 128 = 870$

$870 - 256 = 614$

4. 127, She needs to buy 127 more cupcakes.

Mental Maths

1. a. 3 hundreds

b. 110

c. 250

d. =

e. 792

f. 200

2. a. 230

b. 8 hundreds + 1 ten

c. 280

d. 900

Skills Practice

a.

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

b.

	H	T	O
	7	4	4
-	5	2	1
	2	2	3

c.

	H	T	O
	8	7	6
-	5	4	3
	3	3	3

d.

	H	T	O
	4	8	8
-	3	6	2
	1	2	6

Life Skills and Values

83 bags are left with the farmer.

4. Multiplication

Let Us Revise

1. a. 3 groups of 4 cherries each.

$$4 + 4 + 4 = 12$$

3 times 4 is equal to 12

We write: $3 \times 4 = 12$

We read: 3 multiplied by 4 is equal to 12.

There are 12 cherries in all.

- b. 5 groups of 5 leaves each.

$$5 + 5 + 5 + 5 + 5 = 25$$

5 times 5 is equal to 25

We write: $5 \times 5 = 25$

We read: 5 multiplied by 5 is equal to 25.

There are 25 leaves in all.

2. a. 3×5

b. 4×6

c. 5×7

d. 4×9

e. 5×10

3. a. $3 \times 6 = 6 \times 3$

b. $5 \times 4 = 4 \times 5$

c. $2 \times 9 = 9 \times 2$

d. $5 \times 1 = 5$

e. $7 \times 0 = 0$

f. $1 \times 9 = 9$

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$$2 + 2 + 2 = 6$$

3 groups of 2 is equal to 6.

3 times 2 is equal to 6.

$$3 \times 2 = 6$$

Thus, there are 6 wheels in all.

1 times 2 is 2	$1 \times 2 = 2$	$2 \times 1 = 2$
2 times 2 is 4	$2 \times 2 = 4$	$2 \times 2 = 4$
3 times 2 is 6	$3 \times 2 = 6$	$2 \times 3 = 6$
4 times 2 is 8	$4 \times 2 = 8$	$2 \times 4 = 8$
5 times 2 is 10	$5 \times 2 = 10$	$2 \times 5 = 10$
6 times 2 is 12	$6 \times 2 = 12$	$2 \times 6 = 12$
7 times 2 is 14	$7 \times 2 = 14$	$2 \times 7 = 14$
8 times 2 is 16	$8 \times 2 = 16$	$2 \times 8 = 16$
9 times 2 is 18	$9 \times 2 = 18$	$2 \times 9 = 18$
10 times 2 is 20	$10 \times 2 = 20$	$2 \times 10 = 20$

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

$$3 + 3 + 3 + 3 = 12$$

4 groups of 3 is equal to 12.

4 times 3 is equal to 12.

$$4 \times 3 = 12$$

Thus, there are 12 leaves in all.

1 times 3 is 3	$1 \times 3 = 3$	$3 \times 1 = 3$
2 times 3 is 6	$2 \times 3 = 6$	$3 \times 2 = 6$
3 times 3 is 9	$3 \times 3 = 9$	$3 \times 3 = 9$
4 times 3 is 12	$4 \times 3 = 12$	$3 \times 4 = 12$
5 times 3 is 15	$5 \times 3 = 15$	$3 \times 5 = 15$
6 times 3 is 18	$6 \times 3 = 18$	$3 \times 6 = 18$
7 times 3 is 21	$7 \times 3 = 21$	$3 \times 7 = 21$
8 times 3 is 24	$8 \times 3 = 24$	$3 \times 8 = 24$
9 times 3 is 27	$9 \times 3 = 27$	$3 \times 9 = 27$
10 times 3 is 30	$10 \times 3 = 30$	$3 \times 10 = 30$

3, 6, 9, 12, 15, 18, 21, 24, 27, 30

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$$4 + 4 = 8$$

2 groups of 4 is equal to 8.

2 times 4 is equal to 8.

$$2 \times 4 = 8$$

Thus, there are 8 birds in all.

1 times 4 is 4	$1 \times 4 = 4$	$4 \times 1 = 4$
2 times 4 is 8	$2 \times 4 = 8$	$4 \times 2 = 8$
3 times 4 is 12	$3 \times 4 = 12$	$4 \times 3 = 12$
4 times 4 is 16	$4 \times 4 = 16$	$4 \times 4 = 16$
5 times 4 is 20	$5 \times 4 = 20$	$4 \times 5 = 20$
6 times 4 is 24	$6 \times 4 = 24$	$4 \times 6 = 24$
7 times 4 is 28	$7 \times 4 = 28$	$4 \times 7 = 28$
8 times 4 is 32	$8 \times 4 = 32$	$4 \times 8 = 32$
9 times 4 is 36	$9 \times 4 = 36$	$4 \times 9 = 36$
10 times 4 is 40	$10 \times 4 = 40$	$4 \times 10 = 40$

4, 8, 12, 16, 20, 24, 28, 32, 36, 40

$$5 + 5 + 5 = 15$$

3 groups of 5 is equal to 15.

3 times 5 is equal to 15.

$$3 \times 5 = 15$$

Thus, there are 15 apples in all.

1 times 5 is 5	$1 \times 5 = 5$	$5 \times 1 = 5$
2 times 5 is 10	$2 \times 5 = 10$	$5 \times 2 = 10$
3 times 5 is 15	$3 \times 5 = 15$	$5 \times 3 = 15$
4 times 5 is 20	$4 \times 5 = 20$	$5 \times 4 = 20$
5 times 5 is 25	$5 \times 5 = 25$	$5 \times 5 = 25$
6 times 5 is 30	$6 \times 5 = 30$	$5 \times 6 = 30$
7 times 5 is 35	$7 \times 5 = 35$	$5 \times 7 = 35$
8 times 5 is 40	$8 \times 5 = 40$	$5 \times 8 = 40$
9 times 5 is 45	$9 \times 5 = 45$	$5 \times 9 = 45$
10 times 5 is 50	$10 \times 5 = 50$	$5 \times 10 = 50$

5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Exercise 4.1

1. a. 10

b. 18

c. 28

d. 40

e. 14

f. 12

g. 16

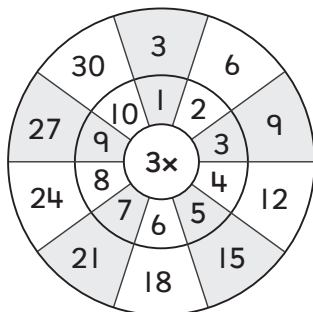
h. 50

i. 45

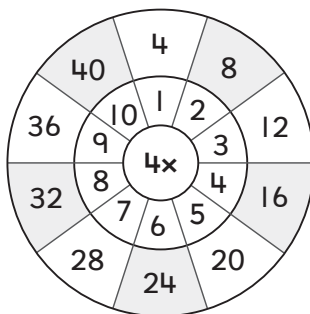
2.

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

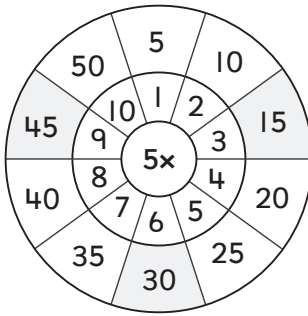
3. a.



b.



c.



4. a. There are 36 biscuits in four such packets.

b. There are 15 diamonds in all the necklaces.

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$$6 + 6 + 6 + 6 = 24$$

4 groups of 6 is equal to 24.

4 times 6 is equal to 24.

$$4 \times 6 = 24$$

Thus, there are 24 eggs in all.

$$6 + 6 + 6 + 6 + 6 = 30$$

5 groups of 6 is equal to 30.

5 times 6 is equal to 30.

$$5 \times 6 = 30$$

Thus, there are 30 legs in all.

1 times 6 is 6	1 × 6 = 6	6 × 1 = 6
2 times 6 is 12	2 × 6 = 12	6 × 2 = 12
3 times 6 is 18	3 × 6 = 18	6 × 3 = 18
4 times 6 is 24	4 × 6 = 24	6 × 4 = 24
5 times 6 is 30	5 × 6 = 30	6 × 5 = 30
6 times 6 is 36	6 × 6 = 36	6 × 6 = 36
7 times 6 is 42	7 × 6 = 42	6 × 7 = 42
8 times 6 is 48	8 × 6 = 48	6 × 8 = 48
9 times 6 is 54	9 × 6 = 54	6 × 9 = 54
10 times 6 is 60	10 × 6 = 60	6 × 10 = 60

6 12 18 24 30 36 42 48 54 60

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$$7 + 7 + 7 = 21$$

3 groups of 7 is equal to 21.

3 times 7 is equal to 21.

$$3 \times 7 = 21$$

Thus, there are 21 balloons in all.

$$7 + 7 + 7 + 7 + 7 = 35$$

5 groups of 7 is equal to 35.

5 times 7 is equal to 35.

$$5 \times 7 = 35$$

Thus, there are 35 pencils in all.

1 times 7 is 7	$1 \times 7 = 7$	$7 \times 1 = 7$
2 times 7 is 14	$2 \times 7 = 14$	$7 \times 2 = 14$
3 times 7 is 21	$3 \times 7 = 21$	$7 \times 3 = 21$
4 times 7 is 28	$4 \times 7 = 28$	$7 \times 4 = 28$
5 times 7 is 35	$5 \times 7 = 35$	$7 \times 5 = 35$
6 times 7 is 42	$6 \times 7 = 42$	$7 \times 6 = 42$
7 times 7 is 49	$7 \times 7 = 49$	$7 \times 7 = 49$
8 times 7 is 56	$8 \times 7 = 56$	$7 \times 8 = 56$
9 times 7 is 63	$9 \times 7 = 63$	$7 \times 9 = 63$
10 times 7 is 70	$10 \times 7 = 70$	$7 \times 10 = 70$

7 14 21 28 35 42 49 56 63 70

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$$8 + 8 + 8 + 8 = 32$$

4 groups of 8 is equal to 32.

4 times 8 is equal to 32.

$$4 \times 8 = 32$$

Thus, there are 32 candles in all.

1 times 8 is 8	$1 \times 8 = 8$	$8 \times 1 = 8$
2 times 8 is 16	$2 \times 8 = 16$	$8 \times 2 = 16$
3 times 8 is 24	$3 \times 8 = 24$	$8 \times 3 = 24$
4 times 8 is 32	$4 \times 8 = 32$	$8 \times 4 = 32$
5 times 8 is 40	$5 \times 8 = 40$	$8 \times 5 = 40$
6 times 8 is 48	$6 \times 8 = 48$	$8 \times 6 = 48$
7 times 8 is 56	$7 \times 8 = 56$	$8 \times 7 = 56$
8 times 8 is 64	$8 \times 8 = 64$	$8 \times 8 = 64$
9 times 8 is 72	$9 \times 8 = 72$	$8 \times 9 = 72$
10 times 8 is 80	$10 \times 8 = 80$	$8 \times 10 = 80$

Pattern

$1 \times 8 = 8$	$\longleftrightarrow$	$10 - 2$
$2 \times 8 = 16$	$\longleftrightarrow$	$20 - 4$
$3 \times 8 = 24$	$\longleftrightarrow$	$30 - 6$
$4 \times 8 = 32$	$\longleftrightarrow$	$40 - 8$
$5 \times 8 = 40$	$\longleftrightarrow$	$50 - 10$

$6 \times 8 = 48$	$\leftrightarrow$	$60 - 12$
$7 \times 8 = 56$	$\leftrightarrow$	$70 - 14$
$8 \times 8 = 64$	$\leftrightarrow$	$80 - 16$
$9 \times 8 = 72$	$\leftrightarrow$	$90 - 18$
$10 \times 8 = 80$	$\leftrightarrow$	$100 - 20$

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$$9 + 9 + 9 + 9 + 9 = 45$$

5 groups of 9 is equal to 45.

5 times 9 is equal to 45.

$$5 \times 9 = 45$$

Thus, there are 45 flowers in all.

1 times 9 is 9	$1 \times 9 = 9$	$9 \times 1 = 9$
2 times 9 is 18	$2 \times 9 = 18$	$9 \times 2 = 18$
3 times 9 is 27	$3 \times 9 = 27$	$9 \times 3 = 27$
4 times 9 is 36	$4 \times 9 = 36$	$9 \times 4 = 36$
5 times 9 is 45	$5 \times 9 = 45$	$9 \times 5 = 45$
6 times 9 is 54	$6 \times 9 = 54$	$9 \times 6 = 54$
7 times 9 is 63	$7 \times 9 = 63$	$9 \times 7 = 63$
8 times 9 is 72	$8 \times 9 = 72$	$9 \times 8 = 72$
9 times 9 is 81	$9 \times 9 = 81$	$9 \times 9 = 81$
10 times 9 is 90	$10 \times 9 = 90$	$9 \times 10 = 90$

Pattern

$1 \times 9 = 9 \rightarrow 0 + 9 = 9$	$6 \times 9 = 54 \rightarrow 5 + 4 = 9$
$2 \times 9 = 18 \rightarrow 1 + 8 = 9$	$7 \times 9 = 63 \rightarrow 6 + 3 = 9$
$3 \times 9 = 27 \rightarrow 2 + 7 = 9$	$8 \times 9 = 72 \rightarrow 7 + 2 = 9$
$4 \times 9 = 36 \rightarrow 3 + 6 = 9$	$9 \times 9 = 81 \rightarrow 8 + 1 = 9$
$5 \times 9 = 45 \rightarrow 4 + 5 = 9$	$10 \times 9 = 90 \rightarrow 9 + 0 = 9$

Exercise 4.2

1. $6 + 6 + 6$ is same as $3 \times 6 = 18$

2. a. 0 b. 56 c. 90 d. 36
 e. 35 f. 32 g. 27 h. 7
 i. 0

3. a. 72 b. 0 c. 28 d. 6

4. a. There are 56 days in 8 weeks.

 b. Cristina served 36 cookies in the plates.

Exercise 4.3

l. a. 55

e. 80

i. 93

b. 48

f. 63

j. 84

c. 39

g. 44

k. 88

d. 28

h. 23

l. 99

Exercise 4.4

l. a. 96

e. 81

b. 91

f. 74

c. 84

g. 90

d. 72

h. 76

Exercise 4.5

l. a. 186

e. 288

b. 126

f. 240

c. 108

g. 728

d. 427

h. 188

Exercise 4.6

l. a. 222

e. 469

b. 147

f. 414

c. 236

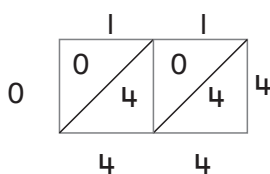
g. 576

d. 310

h. 744

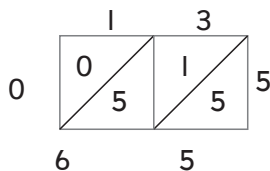
Exercise 4.7

l. a



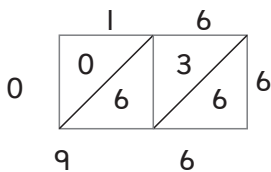
$$11 \times 4 = 44$$

b.



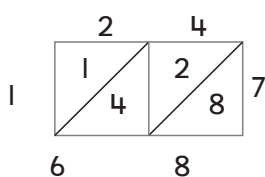
$$13 \times 5 = 65$$

c.



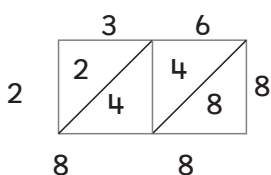
$$16 \times 6 = 96$$

d.



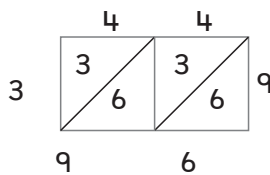
$$24 \times 7 = 168$$

e.



$$36 \times 8 = 288$$

f.



$$44 \times 9 = 396$$

Exercise 4.8

- | | | | |
|----------|--------|--------|--------|
| 1. a. 90 | b. 160 | c. 210 | d. 240 |
| e. 150 | f. 80 | g. 270 | h. 280 |
| i. 300 | j. 540 | k. 200 | l. 120 |
| m. 350 | n. 360 | o. 630 | p. 320 |
| q. 180 | r. 640 | | |

2. a. 40 50 60 70 80 90 100
b. 445 555 665 775 885 995

Problem Solving

- The children bought 48 kites in all.
- The mother is 33 years old.
- There are 210 students in all in class III.
- There are 432 oranges in all in the baskets.
- The factory can make 476 toys in seven days.

Exercise 4.9

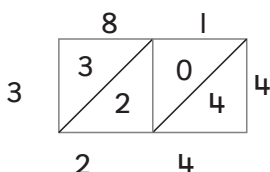
- | | |
|---|--|
| 1. a. $24 \times 8 = 192$
$20 \times 10 = 200$ | b. $38 \times 9 = 342$
$40 \times 10 = 400$ |
| c. $11 \times 7 = 77$
$10 \times 10 = 100$ | d. $93 \times 9 = 837$
$90 \times 10 = 900$ |
| e. $57 \times 9 = 513$
$60 \times 10 = 600$ | f. $44 \times 8 = 352$
$40 \times 10 = 400$ |

Brain Tuner

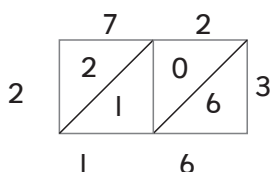
- a. $24 \times 2 = 48$ b. $32 \times 2 = 64$ c. $44 \times 2 = 88$
d. $32 \times 4 = 128$

Revision Exercise

- | | | | |
|-----------|--------|--------|--------|
| 1. a. 126 | b. 120 | c. 306 | d. 240 |
| e. 188 | f. 438 | g. 264 | h. 837 |
| 2. a. | | b. | |

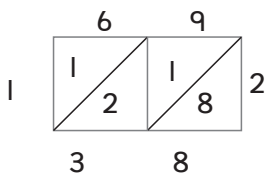


$$81 \times 4 = 324$$



$$72 \times 3 = 216$$

c.



$$69 \times 2 = 138$$

3. a. $43 \times 8 = 344$

$40 \times 10 = 400$

c. $34 \times 8 = 272$

$30 \times 10 = 300$

b. $72 \times 9 = 648$

$70 \times 10 = 700$

4. 270 children can sit in six such buses.

Mental Maths

1. a. 8

e. 95

i. =

b. 8

f. 360 minutes

c. 56

g. 891

d. 1

h. 36

Skills Practice

2	×	7	=	14		3	×	12	=	36
×				×		×				
11		5	×	3	=	15				
=				=		=				
22				42		45	×	2	=	90

Life Skills and Values

The students brought 245 newspapers in all.

5. Division

Page No. 89

1. Total number of bananas 9

Total number of monkeys 3

$$9 \div 3 = 3$$

Each monkey gets 3 bananas.

Page No. 90

1. Total number of cherries 15
 Total number of cherries in each plate 5
 $15 \div 5 = 3$
 Total number of plates required 3

Exercise 5.1

1. a. $28 - 7 = 21 \rightarrow 1 \text{ time}$
 $21 - 7 = 14 \rightarrow 2 \text{ times}$
 $14 - 7 = 7 \rightarrow 3 \text{ times}$
 $7 - 7 = 0 \rightarrow 4 \text{ times}$

Therefore, $28 \div 7 = 4$

- b. $30 - 6 = 24 \rightarrow 1 \text{ time}$
 $24 - 6 = 18 \rightarrow 2 \text{ times}$
 $18 - 6 = 12 \rightarrow 3 \text{ times}$
 $12 - 6 = 6 \rightarrow 4 \text{ times}$
 $6 - 6 = 0 \rightarrow 5 \text{ times}$

Therefore, $30 \div 6 = 5$

$$\begin{array}{r} 54 \\ -9 \\ \hline 45 \end{array} \quad \begin{array}{r} 45 \\ -9 \\ \hline 36 \end{array} \quad \begin{array}{r} 36 \\ -9 \\ \hline 27 \end{array} \quad \begin{array}{r} 27 \\ -9 \\ \hline 18 \end{array} \quad \begin{array}{r} 18 \\ -9 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -9 \\ \hline 0 \end{array}$$

- a. 6 times b. 6 Therefore, $54 \div 9 = 6$

3. a. 9 b. 7 times c. 8 times

Exercise 5.2

1. a. $18 \div 3 = 6$, Dividend 18, Divisor 3, Quotient 6
 b. $42 \div 7 = 6$ Dividend 42, Divisor 7, Quotient 6
 c. $54 \div 9 = 6$ Dividend 54, Divisor 9, Quotient 6

Exercise 5.3

1. a. $6 \times 3 = 18$ b. $4 \times 5 = 20$ c. $4 \times 9 = 36$ d. $8 \times 9 = 72$
 $3 \times 6 = 18$ $5 \times 4 = 20$ $9 \times 4 = 36$ $9 \times 8 = 72$

2. a. $24 \div 4 = 6$ b. $35 \div 5 = 7$ c. $63 \div 7 = 9$ d. $80 \div 10 = 8$
 $24 \div 6 = 4$ $35 \div 7 = 5$ $63 \div 9 = 7$ $80 \div 8 = 10$
3. a. $2 \times 4 = 8$ $8 \div 2 = 4$ b. $3 \times 10 = 30$ $30 \div 10 = 3$
 $4 \times 2 = 8$ $8 \div 4 = 2$ $10 \times 3 = 30$ $30 \div 3 = 10$
- c. $6 \times 7 = 42$ $42 \div 7 = 6$ d. $8 \times 7 = 56$ $56 \div 7 = 8$
 $7 \times 6 = 42$ $42 \div 6 = 7$ $7 \times 8 = 56$ $56 \div 8 = 7$
4. a. $6 \times 4 = 24$ $24 \div 4 = 6$
 $24 \div 6 = 4$
- b. $8 \times 5 = 40$ $40 \div 5 = 8$
 $40 \div 8 = 5$

Exercise 5.4

1. a. 5 b. 1 c. 0 d. 1
 e. 0 f. 24 g. 0 h. 79
 i. 1
2. a. 7 b. 1 c. 0 d. 99

Exercise 5.5

1. a. 9 b. 5 c. 8 d. 7
 e. 6 f. 9
2. a. $16 \div 4 = 4$ b. $27 \div 9 = 3$ c. $40 \div 8 = 5$
 d. $56 \div 7 = 8$ e. $70 \div 7 = 10$ f. $45 \div 5 = 9$

Exercise 5.6

1. a. 7 b. 4 c. 6 d. 8
 e. 14 f. 13 g. 12 h. 16

Revision Exercise

1. Total number of cashew nuts 18
 Total number of children 6

Cashew nuts each child gets 3
 Division fact $18 \div 6 = 3$

$$\begin{array}{r} 2 \overline{) 35} \\ \underline{-7} \\ 28 \end{array} \quad \begin{array}{r} 2 \overline{) 8} \\ \underline{-7} \\ 21 \end{array} \quad \begin{array}{r} 2 \overline{) 1} \\ \underline{-7} \\ 14 \end{array} \quad \begin{array}{r} 1 \overline{) 4} \\ \underline{-7} \\ 7 \end{array} \quad \begin{array}{r} 7 \overline{) 7} \\ \underline{-7} \\ 0 \end{array}$$

5, 5

3. $42 \div 7 = 6$ Dividend: 42 Divisor: 7 Quotient: 6

4. a. $24 \div 4 = 6$

b. $63 \div 7 = 9$

$24 \div 6 = 4$

$63 \div 9 = 7$

5. a. 9

b. 1

c. 0

6. a. 9

b. 5

c. 4

d. 5

e. 6

f. 9

7. $54 \div 6 = 9$

9 paintings are hung in each room.

Mental Maths

1. a. 8 times

b. 9

c. number itself

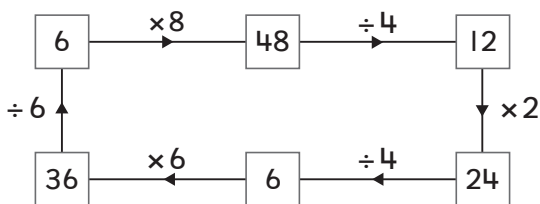
d. 7 weeks

e. 42

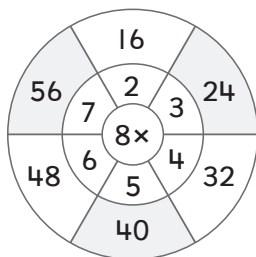
f. $45 \div 9$

Skills Practice

1.



2.



Life Skills and Values

31

6. Money

Let us Revise

- l. a.

1 rupee
₹1

 b.

2 rupees
₹2

 c.

5 rupees
₹5

 d.

10 rupees
₹10

 e.

20 rupees
₹20
- f.

5 rupees
₹5

 g.

10 rupees
₹10

 h.

20 rupees
₹20
- i.

50 rupees
₹50

 j.

100 rupees
₹100

 k.

200 rupees
₹200
- l.

500 rupees
₹500

 m.

2000 rupees
₹2000

Exercise 6.1

1. a. 50 paise b. 75 paise c. 1 rupee d. 3 rupees
e. 85 rupees
2. a. 2 b. 5 c. 10 d. 5
3. a. 50 b. 40 c. 50

Exercise 6.2

1. a. 7 rupees 50 paise, ₹7.50 b. 30 rupees 75 paise, ₹30.75
c. 30 rupees 25 paise, ₹30.25 d. 70 rupees 50 paise, ₹70.50
e. 110 rupees 75 paise, ₹110.75
2. a. 16 rupees 37 paise b. 30 rupees 03 paise
c. 40 rupees 50 paise d. 64 rupees 05 paise
e. 100 rupees 63 paise f. 125 rupees 75 paise

Exercise 6.3

1. a. 600p b. 2550p c. 7225p d. 1000p
e. 2275p f. 4405p g. 6350p h. 9515p

Exercise 6.4

1. a. ₹7.50 b. ₹8.65 c. ₹15.00 d. ₹26.50
e. ₹43.25 f. ₹55.50 g. ₹61.75 h. ₹79.45
i. ₹82.10 j. ₹95.05

- | | | | |
|-----------|-----------|-----------|-----------|
| 2. a. 50p | b. ₹22.75 | c. ₹50.50 | d. ₹75.25 |
| e. ₹99.50 | | | |

Exercise 6.5

- | | | | |
|--------------|------------|-----------|------------|
| 1. a. ₹18.75 | b. ₹39.25 | c. ₹59.75 | d. ₹975.50 |
| 2. a. ₹78.75 | b. ₹808.25 | | |

Exercise 6.6

- | | | | |
|--------------|------------|-----------|-----------|
| 1. a. ₹20.00 | b. ₹799.25 | c. ₹82.05 | d. ₹95.45 |
| 2. a. ₹78.25 | b. ₹91.25 | | |

Exercise 6.7

- | | | | |
|--------------|-----------|-----------|------------|
| 1. a. ₹20.00 | b. ₹22.00 | c. ₹32.50 | d. ₹135.05 |
| 2. a. ₹11.50 | b. ₹100 | | |

Exercise 6.8

- | | | | |
|--------------|------------|-----------|------------|
| 1. a. ₹40.75 | b. ₹32.75 | c. ₹40.50 | d. ₹532.50 |
| 2. a. ₹51.75 | b. ₹294.25 | | |

Exercise 6.9

- | | | | |
|--------------|------------|------------|------------|
| 1. a. ₹99.00 | b. ₹248.00 | c. ₹148.50 | d. ₹513.00 |
| 2. a. ₹36.00 | b. ₹30.00 | c. ₹76.25 | |

Exercise 6.10

- | | | | |
|----------|-------|-------|-------|
| 1. a. 7p | b. 6p | c. ₹8 | d. ₹9 |
| 2. ₹4 | | | |
| 3. ₹10 | | | |

Exercise 6.11

- | | | | |
|--------------------------------|------------|-------------------------|---------|
| a. ₹30.50 | b. ₹215.00 | | |
| 2. a. Student stationery store | | b. M.G. Road, New Delhi | |
| c. 123 | d. July 6 | e. ₹162.50 | f. ₹170 |
| g. ₹7.50 | | | |

Rita got back ₹7.50.

Revision Exercise

1. 75 rupees
2. a. 30 rupees 50 paise b. 100 rupees 75 paise
3. a. 7225 paise b. 4405p
4. a. ₹25.00 b. ₹92.50
5. a. ₹59.25 b. ₹998.75 c. ₹12.50 d. ₹332.50
6. a. ₹72.00 b. ₹9
7. ₹61.25

Mental Maths

1. a. 4 b. 10 c. ₹60.50 d. ₹300
- e. ₹200 f. ₹125 g. ₹75 h. ₹5

Skills Practice

₹10, ₹5, ₹2, ₹1

Life Skills and Values

- a. ₹225.00 b. ₹25

7. Geometry

Let Us Revise

1. a. sphere b. cone c. cuboid d. cube
- e. cylinder

Exercise 7.1

- | | | | |
|-------------|---|---|----|
| 1. a. Cube | 6 | 8 | 12 |
| b. Cone | 2 | 1 | 1 |
| c. Sphere | 1 | 0 | 0 |
| d. Cuboid | 6 | 8 | 12 |
| e. Cylinder | 3 | 0 | 2 |

Exercise 7.3

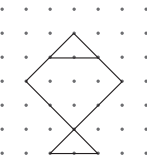
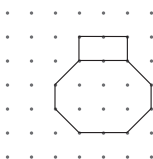
2. a. ✓ b. ✕ c. ✓

Exercise 7.4

1. a. To reach the school, Divya should turn right and walk 7 tiles forward, then turn left and walk 2 tiles further.

- b. The school is 9 tiles away from her house.
- c. The park is 12 tiles away from the house.
- d. To reach the shopping mall from the house, she should turn right and walk 3 tiles forward, then turn left and walk 6 tiles further, then turn right and walk 2 tiles further.
- e. Distance of the temple is the longest from her house, as it is 18 tiles away.
- f. Distance of the chruch is the shortest from her house, as it is 7 tiles away.

Revision Exercise

1. a. Cylinder b. Sphere c. Cube d. Cone
2. a. 4, 4 b. 3, 3 c. opposite, 4 d. no, no
3. a. 
- b. 
4. a. ✓ b. ✕ c. ✓
5. 8
6. 14

Life Skills and Values

- a. Triangle b. Circle c. Rectangle

8. Measurement of Length

Let Us Revise

1. a. 6 b. 5 c. 2

Page No. 129

- 2, • 2, 2

Page No. 130

1. a. 7 b. 4 c. 3 d. 2

Exercise 8.1

1. a. m b. cm c. m d. cm
- e. m f. cm g. cm h. m
- i. cm

Exercise 8.2

- | | | | |
|-------------|-----------|-----------|----------|
| 1. a. 300cm | b. 700cm | c. 1200cm | d. 450cm |
| e. 930cm | f. 2010cm | | |

Exercise 8.3

- | | | | |
|---------------|-------------|-------------|--------------|
| 1. a. 2m | b. 4m | c. 15m | |
| 2. a. 3m 25cm | b. 7m 50cm | c. 11m 75cm | d. 14m 20 cm |
| e. 18m 40cm | f. 20m 60cm | | |

Exercise 8.4

- | | | | |
|-------------|-------------|--------------|--------------|
| 1. a. 125cm | b. 14m | c. 3m 90cm | d. 25m 95cm |
| e. 50m 75cm | f. 55m 61cm | g. 100m 95cm | h. 124m 89cm |
2. The total length of both the ribbons is 5m 75cm.

Exercise 8.5

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. a. 30cm | b. 7m 50cm | c. 6m 25cm | d. 10m 25cm |
| e. 33m 40cm | f. 22m 20cm | g. 44m 50cm | h. 53m 70cm |
2. 8m 15cm cloth is left with the tailor.

Page No. 136

675 km

9. Measurement of Mass (Weight)

Page No. 137

- | | | |
|---------|------|------|
| 1. a. 2 | b. 4 | c. 5 |
|---------|------|------|

Exercise 9.1

- | | | | |
|------------|---------|--------|----------|
| 1. a. kg | b. g | c. kg | d. g |
| e. kg | f. g | | |
| 2. a. 150g | b. 3 kg | c. 50g | d. 1500g |
| 3. a. 40 | b. 2000 | c. l | |

Exercise 9.2

- | | | | |
|---|----------------------------|-------------|---------|
| 1. a. 100 | b. 300 | c. 500 | d. l |
| e. 2 | f. 5 | | |
| 2. a. 50g | b. 100g | c. 500g | d. 1 kg |
| 3. a. 200g sugar | b. 6 packs of 100g peanuts | c. 2kg rice | |
| 4. a. The total weight of the spices bought by Kiran is 550g. | | | |
| b. The total weight of the fruits bought by Basil is 6 kg. | | | |
| c. 300g butter is left. | | | |
| d. The Box A is 2kg heavier than the Box B. | | | |

10. Measurement of Capacity (Volume)

Page No. 141

1. a. 5 b. 4 c. 3

Exercise 10.1

1. a. *ml* b. *l* c. *l* d. *ml*
e. *l* f. *ml*
2. a. 150 b. 15 c. 5
3. a. 200 b. 400 c. 600 d. 800

Exercise 10.2

1. a. 1000 b. 500 c. 200 d. 100
e. 750 f. 250

Exercise 10.3

1. 5
2. 10
3. a. A goat gave 900 *ml* milk in a day.
b. Jacky drank 500 *ml* juice.
c. Both the jars contain 1000 *ml* honey.

Revision Exercise

1. 7
2. 300
3. 800
4. a. 150 g b. 4 m c. 15 *l*
5. a. 3m 75cm was the total length of the ribbon bought by both the girls.
b. The weight of another apple is 200 g.

Mental Maths

1. a. Metre b. Centimetre c. 500 cm d. Kilometre
e. Car f. Kilogram g. 1000 g h. 800 *ml*

Skills Practice

1. a. two 500 g cheese b. four 250 *ml* hand sanitizers
c. three 100 cm ropes

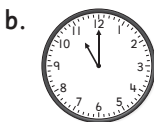
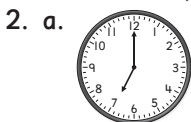
Life Skills and Values

1. 2 *l* water was left in the bucket.

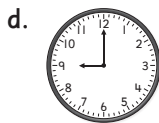
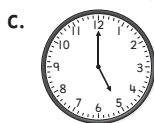
11. Time

Exercise 11.1

1. a. 8 o'clock, 8:00
c. 2 o'clock, 2:00

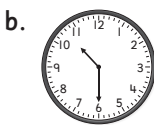
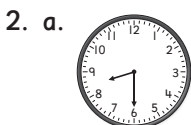


- b. 10 o'clock, 10:00
d. 6 o'clock, 6:00

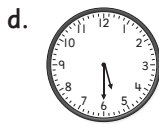
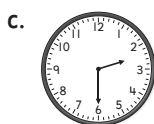


Exercise 11.2

1. a. Half past 7, 7:30
c. Half past 12, 12:30

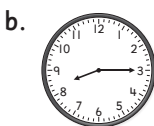
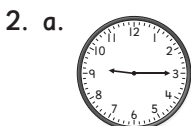


- b. Half past 9, 9:30
d. Half past 3, 3:30

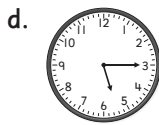
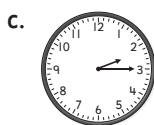


Exercise 11.3

1. a. Quarter past 10, 10:15
c. Quarter past 1, 1:15

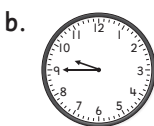
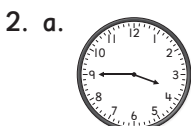


- b. Quarter past 6, 6:15
d. Quarter past 4, 4:15

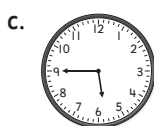


Exercise 11.4

1. a. Quarter to 8, 7:45
c. Quarter to 2, 1:45



- b. Quarter to 7, 6:45
d. Quarter to 5, 4:45



Exercise 11.5

1. a. a.m. b. p.m. c. p.m. d. p.m.
e. a.m. f. p.m.
2. a. 1:15 a.m. b. 9:00 a.m. c. 11:45 p.m. d. 4:30 p.m.

Exercise 11.6

1. a. 01:00 hours b. 14:15 hours c. 06:30 hours d. 20:45 hours
e. 11:15 hours

2. a. 03:45 hours b. 11:10 hours c. 16:15 hours d. 19:15 hours
 e. 22:15 hours
3. a. 4:30 a.m. b. 10:45 a.m. c. 11:15 p.m. d. 9:30 p.m.
 e. 6:45 p.m.
4. a. 13:30 hours b. 8:05 p.m. c. 7:15 a.m. d. 23:00 hours
5. a.  b. 18:00

Exercise 11.7

1. a. 18:38 b. 2 min c. 20:36 d. 21:50
 e. 10 min f. 00:22 g. 00:53 h. 04:20
2. The bus took 02:00 hours.

Exercise 11.8

1. a. 24 hours b. 72 hours c. 96 hours d. 120 hours
 e. 144 hours f. 168 hours

Exercise 11.9

1. a. 240 minutes b. 360 minutes c. 420 minutes
 d. 480 minutes e. 600 minutes f. 720 minutes

Revision Exercise

1. a. 7:15 a.m., 07:15 b. 10:45 p.m., 22:45
 c. 4:30 a.m., 04:30 d. 10:00 p.m., 22:00
2. a. minutes b. p.m. c. hours, a.m.
3. a. 120 hours b. 168 hours
4. a. 360 minutes b. 480 minutes
5. a. 24 hours b. 7 days c. 365 days d. 12 months
 e. Sunday
6. 7 hours

Mental Maths

1. a. 12 o'clock b. quarter past 3 c. 12 d. 29
 e. 7 f. 14:45 hours

Life Skills and Values

1. 1 hour 2. 7:00 p.m. 3. Do everything on time.

12. Data Handling

Let Us Revise

1. a. 5 b. 6 c. Doctor d. Lawyer
e. 3 f. 30

Bar Graphs

1. a. 128 cm b. Emily c. Priya d. 1 cm
e. 1 cm

Lists

1. Meera found that 1 cream was less and 2 soaps were more.

Exercise 12.1

1. a. 9, 8, 5 b. Regi c. Thursday
d. Monday, Tuesday, Sunday e. Sunday

More about Pictographs

1. a. 14 b. 6 c. 8 d. 8
e. 10 f. 6 g. 2
h. 46 i. Cartoons j. News
2. a. 45 b. 30 c. 25 d. 10
e. 10 f. 190 g. July h. August
i. September and November

3.

Favourite drink		
Drink		Number of children
Milk 	      	7
Fruit juice 	        	9
Coconut water 	     	6
Water 	   	4
Buttermilk 	       	8
Each  represents 1 child.		

- a. 34 b. Fruit juice c. Water d. 1

Exercise 12.2

1. a. 12
- b. 15
- c. 17
- d. 20

2.

Food items	Tally marks	Numbers
Mangoes		4
Carrots		6
Oranges		12
Apples		8
Eggs		5
Juice packs		7

3.

Ice cream cups	Tally marks	No. of friends
Vanilla 		10
Strawberry 		7
Chocolate 		9
Butterscotch 		4

- a. Vanilla
- b. Butterscotch
- c. 30

4.

Modes of transport	Tally marks	No. of students
 School bus		22
 Van		14
 Car		18
 E-rickshaw		10
 On foot		7

- a. 22
- b. 7
- c. 10
- d. School bus
- e. On foot
- f. 4
- g. 3

Revision Exercise

1.

Sales Report of Monday to Friday		
Day	Sales	Number of bicycles sold
Monday		$9 \times 10 = 90$
Tuesday		$4 \times 10 = 40$
Wednesday		$6 \times 10 = 60$
Thursday		$8 \times 10 = 80$
Friday		$7 \times 10 = 70$
Each  stands for 10 bicycles.		

- a. 50
- b. 10
- c. 340

2.

Plants		Tally marks	Number of plants
Rose			19
Marigold			16
Jasmine			10
Hibiscus			13

- a. 16
- b. Rose
- c. Jasmine
- d. 58

13. Patterns

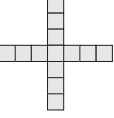
Exercise 13.1

1. a.



b.


2. a.



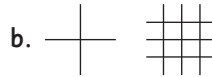
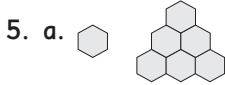
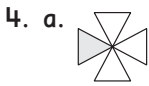
b.


3. a.



b.





6. a. 550 660 770

The rule in this pattern is to add 110 each time.

b. 700 650 600

The rule in this pattern is to subtract 50 each time.

c. 48 96 192

The rule in this pattern is to multiply by 2 each time.

d. 13 21 34

The rule in this pattern is to add last 2 numbers to get the next one.

7. Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	4	8	16	32	64

Saturday

The rule in this pattern is to multiply by 2 each time.

Model Test Paper- I

1. 2131, 2350, 3716, 4028

2. 7413, 6901, 5632, 2925

3. a. = b. > c. <

4. 8652, 2568

5. 9000

6. 2

7. a. 589 b. 797 c. 715

8. a. 214 b. 291 c. 187

9. 443

10. a. 88 b. 728 c. 81 d. 414

11. $63 \div 7 = 9$, $63 \div 9 = 7$
12. $24 \div 4 = 6$, Sally can make 6 cakes.
13. a. ₹26.50 b. ₹79.45
14. a. 2550p b. 4405p
15. ₹45.75
16. ₹9
17. ₹39.25 returned by the shopkeeper.

Model Test Paper- II

1. a. F b. T c. T d. T
e. F
2. a. Cone b. Sphere c. Cylinder d. Cuboid
3. a. 810cm b. 1205cm
4. a. 6m b. 10m 20cm
5. a. 87m 75cm b. 125m 55cm c. 20m 25cm d. 41m 40cm
6. a. kg b. g c. kg d. g
7. $450 \text{ ml} + 550 \text{ ml} = 1000 \text{ ml}$
8. a. Quarter past 4, 4:15 b. half past 12, 12:30
c. Quarter to 7, 6:45
9. 6:30 p.m.
10. 13:15 hours
11. 120 minutes
12. 72 hours
13. a.  b. DE4, EF5 c. 24, 30 d. 666, 555
e. 16, 32
14. a. red b. green c. 40 d. 4
e. 6 f. 22

