

Answers

Theme 1: We the People Lesson-1: Time to Revise

Main Coursebook

I am ready

- a. 5 b. 3 c. 5
- a. triangular b. circular
- a. i. 123 ii. 195 iii. 570 iv. 990
b. i. 49 ii. 7 iii. 119 iv. 323
c. i. 198 ii. 354 iii. 910 iv. 722
d. i. Q = 17 R = 0 ii. Q = 18 R = 0
 iii. Q = 19 R = 0 iv. Q = 13 R = 0
- a.

3	5	7	9	11
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


 b.

2	4	6	8	10
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c.

4	9	14	19	24
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 d.

9	13	17	21	25
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- a. i. 300 ii. 600 iii. 700
b. i. ₹2 ii. ₹5 and 25 p iii. ₹8 and 75 p
- a.  b.  c. 
- a. 5:00 b. 7:30 c. 10:45
- a. false b. true c. true d. false
- a. kg b. mL c. m d. L
- a. 132 people b. 90 toys
c. 72 students d. 22 sheets

I am a learner

1. b 2. c 3. a 4. c 5. c
1. Three hundred nine
2. Five hundred sixty-four
3. Six hundred fifteen
1. 197 2. 618 3. 588 4. 803
- 
- 
1. a. 297 b. 595 c. 764 d. 633
2. a. 44 b. 244 c. 107 d. 354
3. a. 216 b. 832 c. 970 d. 882
4. a. Q = 14 R = 0 b. Q = 28 R = 0
 c. Q = 14 R = 2 d. Q = 24 R = 2

G. Do it yourself

1. $\frac{1}{4}$ 2. $\frac{1}{3}$ 3. $\frac{2}{4}$

I. 1.



2.



3.



J. 1. g 2. cm 3. mL 4. m

K. 1. 714 eggs 2. ₹73 3. 8 crayons

I am a thinker

- Accept all the relevant responses.
- You get the bigger piece because half roti is bigger than one-fourth roti.

I am an all-rounder

A. English

- elephant: e, e, a → 3
pencil: e, i → 2
- umbrella: u, e, a → 3
school: o, o → 2

B. Science

- Living things:
hippopotamus – 12 letters (even)
butterfly – 9 letters (odd)
Not living things:
umbrella - 8 letters (even)
car - 3 letters (odd)

C. Social Studies

Accept all the relevant responses.

Students' Worksheets

Worksheet 1

1. One hundred seventy-two
2. Two hundred sixty-four
3. Five hundred seventeen
4. Seven hundred thirty-one
5. Nine hundred eighty-three
1. 44 2. 90 3. 94 4. 92 5. 123
- 1 → c 2 → d 3 → e 4 → a 5 → b

Worksheet 2

1. 553 2. 340 3. 528 4. 927 5. 983
1. 258 2. 391 3. 139 4. 159 5. 89
1. quarter to 2 2. half past 9
3. quarter past 7 4. quarter to 12
5. quarter past 5

Worksheet 3

1. true 2. true 3. false 4. true 5. false
1. 5 2. 7 3. 9 4. 9 5. 7

C. 1. 

2. 

3. 

4. 

5. 

Worksheet 4

- A. 1. ₹20 2. ₹10 3. ₹1 4. ₹500 5. ₹5
B. 1. b 2. c 3. c 4. c 5. b
C. 1. In the number 642, the digit 4 is in the
tens place.



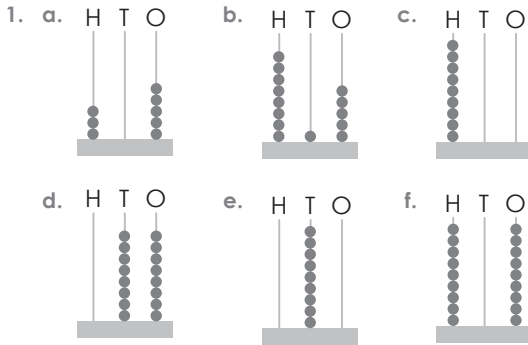
2. 1 metre is equal to 100 centimetres.
3. There are 7 days in a week.
4. $\frac{1}{2}$ of 10 is 5.
5. We use g/mg/kg to measure weight.

Answers

Theme 1: We the People Lesson-2: Learning up to 9999

Main Coursebook

I am ready



Catch Up (Page 11)

- three thousand four hundred eighty-five
 - five thousand one hundred sixty-seven
 - nine thousand seven hundred nineteen
- 1270; one thousand two hundred seventy
 - 4131; four thousand one hundred thirty-one

Catch Up (Page 12)

- 500
- 40
- 2

S.No.	Number	Place Value	Face Value
a.	6237	30	3
b.	5421	5000	5
c.	6137	100	1

- $7000 + 300 + 80 + 2$
 - $5000 + 600 + 40 + 3$
 - $9000 + 400 + 20 + 2$
 - $3000 + 100 + 60 + 5$

	successor		predecessor
1436	1437	7640	7639
2069	2070	6123	6122
6470	6471	1581	1580

- $1256 < 6123 < 7122 < 7189$
 - $2282 < 5090 < 9643 < 9873$
 - $1022 < 1532 < 1678 < 1761$
- $9332 > 8422 > 8122 > 7764$
 - $5431 > 3412 > 3312 > 2322$
 - $7653 > 6565 > 6542 > 6535$

Catch Up (Page 15)

- 1046
 - 9721
- VIII
 - XVI
 - X
 - XXXVIII

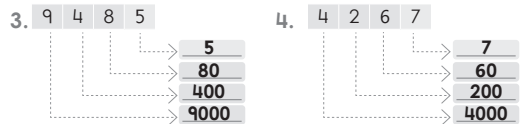
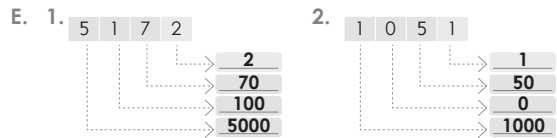
- XXVII
- XX

Mental Maths

- $<$
 - $>$
 - $>$
 - $>$
- 9 is 90 50 911 **91** 5771
 - 4 is 400 2314 4127 141 **1489**
 - 1 is 1000 **1554** 2183 6321 1
 - 6 is 6 160 **316** 4168 6330

I am a learner

- c.
 - a.
 - c.
 - b.
 - c.
- 2441; two thousand four hundred forty-one
 - 2310; two thousand three hundred ten
- 1600; one thousand six hundred
 - 3313; three thousand three hundred thirteen
 - 2642; two thousand six hundred forty-two
 - 2003; two thousand three
- 7
 - 2
 - 1
 - 4
 - 0
 - 4



- $5000 + 100 + 20 + 2$
 - $6000 + 0 + 50 + 0$
 - $4000 + 600 + 10 + 8$
 - $7000 + 0 + 90 + 8$
- 3210
 - 1278
 - 7700
 - 3055
- 1007** 1008 **1009**
 - 2173** 2174 **2175**

Odd numbers	Even numbers
35	638
49	630
287	70
601	752
659	828
475	
817	
619	
41	

- 17
 - 22
 - 25
 - 23
 - 19
 - 34
 - 16
 - 31
 - 29
 - 37

I am a doer

- Fasten your seat belt before the car goes further.

Answers

Theme 2: We live in Harmony

Lesson-3: Addition

Main Coursebook

I am ready

- a. $41 + 27 = 68$ b. $41 + 36 = 77$
 1. a. 1415 b. 862 c. 1590

Catch Up (Page 27)

1. 10 ones 2. 10 tens
 3. 10 hundreds
 2. a. 5676 b. 7060 c. 8794
 3. a. 6690 b. 8015 c. 9153

Catch Up (Page 29)

1. Successor of the number
 2. Number itself
 3. Sum remains the same
 4. b. 3043 stamps c. 9541 toys

Mental Maths

1. a. $330 + 250 = 580$ b. $145 + 217 = 362$
 c. $224 + 340 = 564$ d. $403 + 37 = 440$
 2. a. $513 + 230 = 743$ b. $2,512 + 2,003 = 4515$

I am a learner

- A. 1. c 2. c 3. b 4. a 5. b

B. 1.

	Th	H	T	O
		1	0	7
		6	8	6
+		5	0	2
<hr/>				
	1	2	9	5

 2.

	Th	H	T	O
		6	1	7
		9	0	3
+		9	5	4
<hr/>				
	2	4	7	4

3.

	Th	H	T	O
	4	5	3	5
	2	1	7	3
+	2	6	2	8
<hr/>				
	9	3	3	6

- C. 1. 1 2. 0 3. 7096 4. 3896
 D. 1. 184 2. 795 3. 3758
 4. 5947 5. 6232 6. 7243
 7. 1203 8. 7714 9. 9461

E. 1.

	4	2	9
+	3	1	8
<hr/>			
	7	4	7

 2.

	5	7	3	
+	4	9	9	
<hr/>				
	1	0	7	2

3.

	3	2	1	
+	3	1	6	7
<hr/>				
	3	4	8	8

4.

	1	3	4	6
+	3	4	2	1
<hr/>				
	4	7	6	7

5.

	1	0	4	9
+	2	1	8	2
<hr/>				
	3	2	3	1

6.

	1	8	2	1
+	2	3	8	1
<hr/>				
	4	2	0	2

7.

	4	5	1	3
+	2	8	1	0
<hr/>				
	7	3	2	3

8.

	3	3	1	7
+	3	8	7	9
<hr/>				
	7	1	9	6

- F. 1. ₹1634 2. 4143
 3. 6141 people 4. 4396 flowers

I am a thinker

No

I am an all-rounder

A. English

quit- 3956
 quiz- 3958
 Sum = $3956 + 3958 = 7914$

B. Science

3419 birds

C. Social Studies

$6650 \text{ km} + 6400 \text{ km} + 6300 \text{ km} = 19350 \text{ km}$

Students' Worksheets

Worksheet 1

- A. 1. 652 2. 957 3. 891 4. 884 5. 1201
 B. 1. 8, 5 2. 4, 0 3. 9, 4
 4. 20, 14 5. 40, 30

C. 1.

	1	0	0	8
+	7	9	4	4
<hr/>				
	8	9	5	2

2.

	5	1	6	7
+	2	8	3	7
<hr/>				
	8	0	0	4

3.

	4	5	6	6
+	2	5	6	6
<hr/>				
	7	1	3	2

4.

	1	1	1	1
+	6	6	5	2
<hr/>				
	7	7	6	3

5.

	1	1	2	1
+	3	0	0	9
<hr/>				
	4	1	3	0

Worksheet 2

- A. 1. true 2. false 3. true 4. false 5. false
 B. 1. 999 2. 4999 3. 0 4. 1 5. 0

C. 1.
$$\begin{array}{r} 5481 \\ + 712 \\ \hline 6193 \end{array}$$
 2.
$$\begin{array}{r} 4852 \\ + 4757 \\ \hline 9609 \end{array}$$

3.
$$\begin{array}{r} 3562 \\ + 5524 \\ \hline 9086 \end{array}$$
 4.
$$\begin{array}{r} 5689 \\ + 2103 \\ \hline 7792 \end{array}$$

5.
$$\begin{array}{r} 7859 \\ + 1478 \\ \hline 9337 \end{array}$$

- D. 1. 600 2. 800 3. 1600 4. 1400 5. 6000

Worksheet 3

- A. 1. 10 2. 10 3. 9; 10 4. 9; 10 5. 9; 10
 B. 1. 9786 2. 8957 3. 8013 4. 7536 5. 9992
 C. 1. 1 thousand 2. 100 3. 0
 4. same 5. successor

Worksheet 4

- A. 1. 999 2. 4999 3. 0 4. 1 5. 0
 B. 1. false 2. false 3. true 4. false 5. true
 C. 1. $4000 + 1200 = 5200$
 2. $215 + 132 + 143 = 490$
 3. Adding zero to a number does not change its value.
 4. $361 + 248$ is the same as $248 + 361$.
 5. The sum of 999 and 1 is 1000.

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. d 3. b 4. b
 B. 1. 428 2. 1080 3. 1344 4. 931

C. 1.
$$\begin{array}{r} 1408 \\ + 2570 \\ \hline 3978 \end{array}$$
 2.
$$\begin{array}{r} 4233 \\ + 3256 \\ \hline 7489 \end{array}$$

3.
$$\begin{array}{r} 7194 \\ + 0802 \\ \hline 7996 \end{array}$$
 4.
$$\begin{array}{r} 2656 \\ + 4340 \\ \hline 6996 \end{array}$$

5.
$$\begin{array}{r} 6289 \\ + 3700 \\ \hline 9989 \end{array}$$
 6.
$$\begin{array}{r} 7004 \\ + 2761 \\ \hline 9765 \end{array}$$

- D. 1. 5997 books 2. 3697 toys

Worksheet 2

- A. 1. d 2. b 3. a
 B. 1. 190, 241 2. 124 3. 224, 563
 C. 1. 8417 2. 6700 3. 9154

D. 1.
$$\begin{array}{r} 4059 \\ + 860 \\ \hline 4919 \end{array}$$
 2.
$$\begin{array}{r} 3874 \\ + 1065 \\ \hline 4939 \end{array}$$

3.
$$\begin{array}{r} 4050 \\ + 1600 \\ \hline 5650 \end{array}$$

- E. 1. 2466 eggs 2. ₹7258
 3. 4425 students

Answers

Theme 3: Where We Live

Lesson-4: Subtraction

Main Coursebook

I am ready

18 seats

1. a. 253 b. 501 c. 189 d. 285

Catch Up (Page 40)

1. Tens place 2. Hundreds place
 2. a. 2232 b. 2874 c. 4314
 d. 2416 e. 5199 f. 4086
 g. 2788 h. 1596 i. 1178
 3. a. 7000 b. 2102 c. 2267 d. 3971
 e. 2302 f. 4486
 4. c. 929 children d. 1822 red roses
 e. 1454 students

Catch Up (Page 44)

1. Number itself 2. Predecessor
 5. a. 3269 b. 1735 c. 2411 d. 5049
 6. b. 482 cars c. 7361 members

Mental Maths

1. a. 333 b. 462 c. 7508 d. 8317
 2. a. $432 - 111 = 321$ b. $325 - 243 = 82$
 c. $500 - 308 = 192$
 3. a. false b. true c. true d. true e. false

I am a learner

- A. 1. a 2. c 3. b 4. c 5. a
 B. 1. 58 2. 197 3. 2955 4. 2223
 5. 2342 6. 6418
 C. 1. 212 2. 2218 3. 2227
 4. 4162 5. 4168 6. 1526
 D. 1. 2031 2. 8918 3. 3895
 4. 6210 5. 8533 6. 9285
 E. 1. 2691 2. 3524 3. 2700
 4. 2536 5. 5261 6. 836
 F. 1. 756 girls 2. Headphone; ₹2550
 3. ₹1851 4. 2784 people

I am a doer ₹500

I am an all-rounder

A. English

$$34487 - 3362 = 31125$$

B. Science

1. 62 letters
 2. 53 letters Difference - 9 letters

C. Social Studies

$$5903 + 2168 - 4305 - 1728 = 2038$$

Students' Worksheets

Worksheet 1

- A. 1. false 2. true 3. true 4. true 5. false
 B. 1. 23 2. 499 3. 52 4. 283 5. 760
 C. 1. 110 2. 501 3. 332 4. 123 5. 301

Worksheet 2

- A. 1. d 2. b 3. b 4. d 5. c
 B. 1. 2943 2. 6759 3. 8686 4. 1 5. 0
 C. 1. 2013 2. 1013 3. 2462 4. 4015 5. 721

Worksheet 3

- A. 1. true 2. true 3. false 4. true 5. true
 B. 1. d 2. c 3. e 4. b 5. a

C. 1.

$$\begin{array}{r} 9349 \\ - 5135 \\ \hline 4214 \end{array}$$

2.

$$\begin{array}{r} 7532 \\ - 4213 \\ \hline 3319 \end{array}$$

3.

$$\begin{array}{r} 4757 \\ - 3634 \\ \hline 1123 \end{array}$$

4.

$$\begin{array}{r} 9757 \\ - 2634 \\ \hline 7123 \end{array}$$

5.

$$\begin{array}{r} 4598 \\ - 3492 \\ \hline 1106 \end{array}$$

Worksheet 4

- A. 1. 4544 2. 9453 3. 9853 4. 0 5. 1
 B. 1. 9989 2. 1980 3. 8762 4. 6000 5. 6680
 C. 1. When we subtract 356 from 482, the answer is 126.
 2. $4000 - 2000$ is equal to 2000.
 3. If we subtract a number from itself, we get 0.
 4. The missing number in $789 - \underline{\quad} = 689$ is 100.
 5. If $627 - 327 = 300$, then $300 + 327 = 627$.

Teacher's Worksheets

Worksheet 1

- A. 1. b 2. b 3. b 4. d
 B. 1. 0 2. 2650 3. 710 4. 500 5. 9890
 C. 1. 338 2. 2458 3. 1992
 D. 1. 1281 2. 1977

Answers

Theme 3: Where we live Lesson-5: Geometry and Patterns

Main Coursebook






I am ready

- a. ✓ b. ✗ c. ✗ d. ✓ e. ✗
f. ✗ g. ✓




Catch Up (Page 51)

1. no 2. yes 3. yes
1. a. 5 b. 4 c. 4 d. 8
2. a. Point (Point A) b. ray (\overrightarrow{RS})
c. line segment (\overline{DE}) d. line (\overleftrightarrow{AB})
3. a. (Accept all relevant responses)
b. (Accept all relevant responses)

Catch Up (Page 54)






1. no 2. yes 3. yes
4. a. 4; 4 b. 3; 3 c. 0; 0 d. 4; 4
5. a.  b. 
c.  d. 
e.  f. 15 18 21

Mental Maths

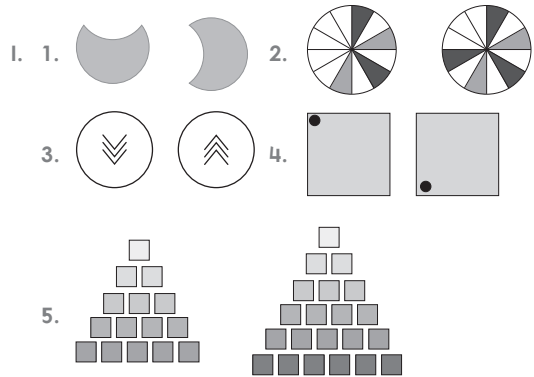
1. a. true b. false c. false d. false
e. true f. true
2. a.  b.  c. e E d. 

I am a learner

- A. 1. c 2. d 3. a 4. c 5. b
B. 1. Intersecting lines 2. Horizontal line
3. Slanting line 4. Curved line
5. Parallel lines 6. Vertical line
C. Do yourself
D. Accept all relevant responses.
E. Do yourself
F.

Shapes	Name of the shapes	Number of sides	Number of corners
	Circle	0	0
	Square	4	4
	Triangle	3	3
	Rectangle	4	4
	Quadrilateral	4	4

- G. 1. Cuboid 2. Cylinder 3. Cube
4. Sphere 5. Cone 6. Cylinder
7. Cone 8. Cuboid
H. Accept all relevant responses.



- J. 1. 60, 50, 40, 30 2. 125, 150, 175, 200
3. 68, 83, 98, 113 4. 104, 90, 76, 62

I am a thinker

Try yourself

I am an all-rounder

A. English

Basketball - Sphere, Drumstick - Cylinder, Notebook - Cuboid, Cupboard - Cuboid

B. Science

Cylinder

C. Social Studies

Charminar - cuboid; India Gate - Cuboid; Qutb Minar - Cylinder

Students' Worksheets

Worksheet 1

- A. 1. true 2. false 3. true
4. false 5. true
B. 1. Parallel lines 2. Curved line
3. Intersecting lines 4. Vertical line segment
5. Slanting line
C. 1. 5 2. 1 3. 8
4. 2 5. 5 pairs

Worksheet 2

- A. 1. no 2. line 3. end point
4. intersecting 5. parallel
B. 1. Sides: PS, SR, RQ and QP; Corners: P, S, Q and R
2. Sides: AB, BC, CD and DA; Corners: A, B, C and D
3. Sides: LM, MN and NL; Corners: L, M and N






4. No sides and no corners
5. Sides: WX, XY, YZ and ZW; Corners: W, X, Y and Z

1. Quadrilateral 2. Rectangle 3. Triangle
4. Circle 5. Square

Worksheet 3




- A. Do yourself
- B. 1. 9, 11 2. 8, 10 3. 20, 25
 4. 10, 13 5. 18, 22
- C. 1. c 2. b 3. c 4. a 5. b

Worksheet 4

- A. 1. edge 2. 2 3. plane
 4. corner 5. straight, curved
- B. 1.  2. 
3.  4.  5. 
- C. 1. A line goes on forever in both directions.
 2. A ray has one end point.
 3. A square has 4 equal sides.
 4. A cube has 6 faces and all the faces are squares.
 5. In a pattern, the shape can repeat or change in a rule.

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. c 3. b 4. c
 B. 1. no 2. straight 3. curved
 4. two 5. ray
 C. 1. S 2. C 3. C 4. S
 D. 1.  2.  3. 

Worksheet 2

- A. 1. d 2. b 3. c 4. b
 B. 1. sphere 2. cuboid 3. cone
 4. cube 5. cylinder 6. cuboid
 C.

Solid shape	Faces		Edges		Corners
	Flat	Curved	Straight	Curved	
1. Cube	6	0	12	0	8
2. Sphere	0	1	0	0	0
3. Cone	1	1	0	1	1
4. Cylinder	2	1	0	2	0

Answers

Theme 4: How We Live Lesson-6: Multiplication

Main Coursebook

I am ready

- a. 6 b. 3 c. 18
1. a. 60 b. 450 c. 220

Catch Up (Page 64)

- To the right of the number
- To the right of the number
- Three zeros
- a. 800 b. 3400 c. 6500
- a. 777 b. 963 c. 892 d. 498
e. 585 f. 684
- a. 488 b. 2088 c. 2080 d. 6408
e. 7296 f. 8274

Catch Up (Page 67)

- 0 2. Yes 3. The 4-digit number
- a. 2142 b. 612 c. 3428 d. 0
e. 6 f. 8
- a. $16 \times 38 = 16 \times (30 + 8)$
 $= 16 \times 30 + 16 \times 8$
 $= 480 + 128$
 $= 608$
- b. $11 \times 24 = 11 \times (20 + 4)$
 $= 11 \times 20 + 11 \times 4$
 $= 220 + 44$
 $= 264$
- b. $3 \times (60 + 4) = 3 \times 60 + 3 \times 4 = 180 + 12 = 192$
- $7 \times (70 + 8) = 7 \times 70 + 7 \times 8 = 490 + 56 = 546$
- $11 \times (50 + 2) = 11 \times 50 + 11 \times 2 = 550 + 22 = 572$
- a. 403 b. 924 c. 1176 d. 1908
e. 3432 f. 4224 g. 4128 h. 7005
- c. 4032 balloons d. 300 pencils
e. 1108 people f. 7545 petals
g. ₹8400 h. 4608 students

Mental Maths

- a. 80 b. 420 c. 1600 d. 600
- b. $42 \times 4 = (40 + 2) \times 4$
 $= 40 \times 4 + 2 \times 4$
 $= 160 + 8$
 $= 168$
- c. 504 d. 456 e. 594 f. 306
- a. 900 b. 700 c. 800 d. 500
e. 440 f. 2700

I am a learner

- A. 1. b 2. c 3. a. 4. b 5. a

B.

37×40	28×70	7×200	14×50	12×600	5×900
7200	4500	1960	1400	1480	700

- C. 1. $85 \times 42 = 85 \times (40 + 2)$
 $= 85 \times 40 + 85 \times 2$
 $= 3400 + 170 = 3570$
2. $112 \times 35 = 112 \times (30 + 5)$
 $= 112 \times 30 + 112 \times 5$
 $= 3360 + 560 = 3920$

D. 1.

	H	T	O
	4	2	1
x			2
<hr/>			
	8	4	2

2.

	TH	H	T	O
		2	4	5
x				6
<hr/>				
	1	4	7	0

3.

	TH	H	T	O
		6	9	7
x				9
<hr/>				
	6	2	7	3

4.

	TH	H	T	O
	1	3	3	2
x				3
<hr/>				
	3	9	9	6

5.

	TH	H	T	O
	1	9	3	7
x				5
<hr/>				
	9	6	8	5

6.

	TH	H	T	O
	2	1	4	5
x				4
<hr/>				
	8	5	8	0

$$\begin{array}{r}
 \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ & 3 & 2 \\ \times & 2 & 1 \\ \hline & 3 & 2 \\ + & 6 & 4 & 0 \\ \hline 6 & 7 & 2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ & 5 & 7 \\ \times & 1 & 6 \\ \hline & 3 & 4 & 2 \\ + & 5 & 7 & 0 \\ \hline 9 & 1 & 2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc} \text{TH} & \text{H} & \text{T} & \text{O} \\ & & 8 & 5 \\ \times & & 2 & 6 \\ \hline & & 5 & 1 & 0 \\ + & 1 & 7 & 0 & 0 \\ \hline 2 & 2 & 1 & 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc} \text{TH} & \text{H} & \text{T} & \text{O} \\ & 2 & 2 & 1 \\ \times & & 2 & 4 \\ \hline & 8 & 8 & 4 \\ + & 4 & 4 & 2 & 0 \\ \hline 5 & 3 & 0 & 4 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc} \text{TH} & \text{H} & \text{T} & \text{O} \\ & 3 & 1 & 2 \\ \times & & 1 & 5 \\ \hline & 1 & 5 & 6 & 0 \\ + & 3 & 1 & 2 & 0 \\ \hline 4 & 6 & 8 & 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{cccc} \text{TH} & \text{H} & \text{T} & \text{O} \\ & 2 & 1 & 5 \\ \times & & 3 & 5 \\ \hline & 1 & 0 & 7 & 5 \\ + & 6 & 4 & 5 & 0 \\ \hline 7 & 5 & 2 & 5 \end{array}
 \end{array}$$

- E. 1. 396 2. 2072 3. 5292 4. 6622
 5. 6560 6. 9834 7. 902 8. 2773
 9. 4355 10. 1568 11. 4768 12. 9660
- F. 1. 1872 straws 2. 8250 shirts
 3. 336 students 4. ₹3675

I am an artist

1. 3675 2. 5535 3. 6154
 4. 8525 5. 3534 6. 7618
 7. 7506 8. 7125 9. 4994

I am a doer: 864 seeds

I am an all-rounder

A. English

- To multiply a number by 100, write two zeros to the right of the number.
- When a number is multiplied by 1, the product remains the same.

B. Science

Accept all the relevant responses.

C. Social Studies

360 cotton towels

Students' Worksheets

Worksheet 1

- A. 1. c 2. b 3. d 4. b 5. a
 B. 1. true 2. false 3. true 4. false 5. true
 C. 1. 1500 2. 702 3. 6108 4. 429; 6 5. 3; 7

Worksheet 2

- A. 1. b 2. b 3. b
 4. a 5. b
 B. 1. true 2. false 3. true
 4. false 5. true
 C. 1. 3736 2. 7590 3. 9922
 4. 20; 9 5. 12; 6

Worksheet 3

- A. 1. c 2. a 3. a 4. b 5. b
 B. 1. false 2. false 3. false 4. true 5. true
 C. 1. 2520 2. 8040 3. 8008 4. 171; 5 5. 13; 41

Worksheet 4

- A. 1. d 2. a 3. b 4. c 5. a
 B. 1. false 2. true 3. true
 4. false 5. true
 C. 1. 6300 2. 9510
 3. 8822 4. 393; 10
 5. Accept all relevant responses

Worksheet 5

- A. 1. 622 2. 642 3. 1260
 4. 3138 5. 2452
 B. 1. 3993 2. 4248 3. 0
 4. 9324 5. 8970
 C. 1. Multiplying 84 by 10 gives 840.
 2. When we multiply a number by 1, the answer is the same number.
 3. $743 \times 1 = 743$
 4. 100×6 is equal to 600.
 5. $(50 + 2) \times 3 = (50 \times 3) + (2 \times 3)$

Teacher's Worksheets

Worksheet 1

- A. 1. d 2. c 3. d 4. b
 B. 1. 600 2. 0 3. 10 4. 6
 5. 16100 6. 2376
 C. 1. 1323 2. 6408 3. 6862 4. 7668
 D. 1. 546 tubes 2. 3980 lines

Worksheet 2

- A. 1. true 2. true 3. true 4. true 5. true
 B. 1. 333 2. 3756 3. 535
 4. 3432 5. 1380 6. 889
 C. 1. 3735 2. 7203 3. 6794 4. 2392
 D. 1. 420 months 2. 9072 pages

Answers

Theme 5: Our Solar System

Lesson-7: Division

Main Coursebook

I am ready

1. 4 2. 3
1. a. 6 b. 7 c. 9 d. 8
2. a. 9 b. 7 c. 5 d. 6 e. 6
3. a. 6 b. 5 c. 4 d. 5
4. a. $72 \div 12 = 6$ b. $40 \div 5 = 8$; $40 \div 8 = 5$
 c. $36 \div 4 = 9$; $36 \div 9 = 4$
 d. $84 \div 12 = 7$; $84 \div 7 = 12$
5. b. 6 c. 4 d. 8
6. b. 10 c. 8 d. 9

Catch Up (Page 80)

1. 25 2. 1 c. 0 d. undefined
7. a. 7 b. 7 c. 8 d. 7
8. groups Q =
 leaves left over R =
9. a. Q = 8, R = 1 b. Q = 9, R = 3
 c. Q = 6, R = 2 d. Q = 11, R = 2
 e. Q = 12, R = 2 f. Q = 23, R = 1
10. b. $4 \times 9 + 1 = 36 + 1 = 37$
 c. $7 \times 8 + 4 = 56 + 4 = 60$

Catch Up (Page 82)

1. No 2. No 3. Yes
11. a. Q = 12, R = 0 b. Q = 32, R = 1
 c. Q = 13, R = 0 d. Q = 28, R = 0
 e. Q = 121, R = 0 f. Q = 122, R = 2
 g. Q = 69, R = 0 h. Q = 64, R = 5
12. a. Q = 1238, R = 2 b. Q = 953, R = 1
 c. Q = 1423, R = 3 d. Q = 896, R = 8

Catch Up (Page 84)

1. Q = 26, R = 8 2. Q = 1, R = 92
1. Q = 26, R = 79
13. c. 12 d. 18 e. ₹81

Mental Maths

1. a. 48 b. 10 c. 7 d. 9
 e. 3 f. 1400 g. 56 h. 85
- i. $96 \div 6 = 16$ $96 \div 16 = 6$
2. a. > b. = c. < d. <
 e. < f. <
3. a. iii. b. ii.

I am a learner

- A. 1. b 2. b 3. a 4. a 5. b
- B. 1. Divisor 2. $112 \div 7 = 16$; $112 \div 16 = 7$

3. $32 \div 8 = 4$; $32 \div 4 = 8$

4. 8 5. 10

C. 1. 4 2. 8 3. 9 4. 8

D. 1. 9 2. 8

E. 1.

$$\begin{array}{r} 4 \overline{) 88} \\ \underline{- 8} \\ 08 \\ \underline{- 8} \\ 0 \end{array}$$

Q = , R =

2.

$$\begin{array}{r} 2 \overline{) 242} \\ \underline{- 2} \\ 04 \\ \underline{- 4} \\ 02 \\ \underline{- 2} \\ 0 \end{array}$$

Q = , R =

3.

$$\begin{array}{r} 7 \overline{) 78} \\ \underline{- 7} \\ 08 \\ \underline{- 7} \\ 1 \end{array}$$

Q = , R =

- F. 1. Q = 11, R = 0 2. Q = 11, R = 3
 3. Q = 10, R = 3 4. Q = 11, R = 1
 5. Q = 223, R = 0 6. Q = 210, R = 0
 7. Q = 111, R = 0 8. Q = 400, R = 0
 9. Q = 1243, R = 0 10. Q = 1010, R = 0
 11. Q = 1332, R = 0 12. Q = 1011, R = 0
- G. 1. Q = 27, R = 1 2. Q = 15, R = 4
 3. Q = 12, R = 0 4. Q = 22, R = 0
 5. Q = 640, R = 1 6. Q = 69, R = 3
 7. Q = 98, R = 2 8. Q = 92, R = 5
 9. Q = 390, R = 0 10. Q = 567, R = 2
 11. Q = 577, R = 5 12. Q = 760, R = 2
- H. 1. 7 2. 72 3. 34 4. 328

I am an artist

1. 4 2. 11 3. 6 4. 72 5. 8

I am a thinker

- 8 dozens
-  = 5  1 and  = 12

I am an all-rounder

A. English –

Nouns: table, book, flower

Pronouns: he, she, they

No, all the words are either nouns or pronouns.

B. Science – Do it yourself

C. Social Studies – 15 breaks

Students' Worksheets

Worksheet 1

- A. 1. equally 2. subtraction
3. 0 4. itself 5. number itself
- B. 1. $8 \div 2 = 4$ 2. $20 \div 4 = 5$ 3. $16 \div 8 = 2$
4. $15 \div 5 = 3$ 5. $12 \div 4 = 3$

C.

	Division fact	Dividend	Divisor	Quotient
1.	$6 \div 2 = 3$	6	2	3
2.	$15 \div 3 = 5$	15	3	5
3.	$42 \div 7 = 6$	42	7	6
4.	$54 \div 6 = 9$	54	6	9
5.	$30 \div 5 = 6$	30	5	6

Worksheet 2

- A. 1. true 2. false 3. false 4. true 5. true
- B. 1. 6 2. 1 3. 0 4. 1 5. 0
- C. 1. $27 \times 2 = 54$ 2. $8 \times 8 = 64$
3. $9 \times 3 = 27$ 4. $11 \times 4 = 44$
5. $13 \times 5 = 65$

Worksheet 3

- A. 1. not defined 2. 15
3. 1 4. 0 5. 17
- B. 1. a 2. b 3. c 4. b 5. c
- C. 1. $\rightarrow d$ 2. $\rightarrow a$ 3. $\rightarrow e$
4. $\rightarrow b$ 5. $\rightarrow c$

Worksheet 4

- A. 1. 5 2. 4 3. 6 4. 6 5. 9
- B. 1. 6 times 2. 5 times 3. 6 times
4. 8 times 5. 9 times

- C. 1. Division means subtracting the same number again and again.
2. In repeated subtraction, we subtract the same number each time.
3. On the number line, we jump backward to divide.
4. 36 divided by 6 is 6.
5. 2400 divided by 100 is 24.

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. b 3. c 4. a
- B. 1. a. $96 \div 12 = 8$ b. $96 \div 8 = 12$
2. a. $300 \div 12 = 25$ b. $300 \div 25 = 12$
- C. 1. 24 2. 107 3. 251
4. 97 5. 88 6. 94
- D. 1. 3 2. 6 3. 9 4. 6 5. 5

Worksheet 2

- A. 1. b 2. b 3. a 4. d
- B. 1. 4 2. 5
- C. 1. 1 2. 65 3. 365, 4
4. 75, 42 5. 84, 75
- D. 1. 63 hats 2. ₹394 3. 241 students

Theme 1

1. b.
2. 5362
3. $4000 + 300 + 60 + 2$

Theme 2

1. c. 2. 160 3. 850

Theme 3

1. b. 2. 629
3. 592

Theme 4

1. c 2. 13000 c. 975
1. c. 2. T
3. National parks protect animals' natural homes and keep them safe from harm.

Theme 5

1. a 2. 98 3. No

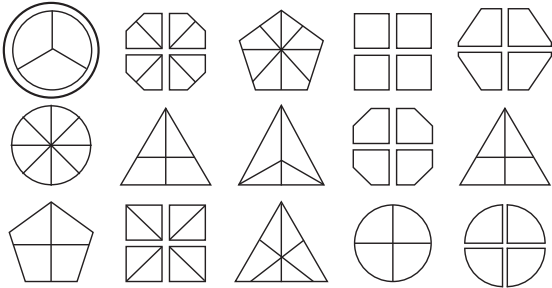
Answers

Theme 6: Our Country and Culture

Lesson-8: Fractions

Main Coursebook

I am ready



Catch Up (Page 98)


1. 3 2. 20 3. Eight tenths

1. a. N : 6, D : 9 b. N : 3, D : 8
 c. N : 4, D : 5 d. N : 5, D : 11
 e. N : 12, D : 20 f. N : 2, D : 27

2. a. $\frac{2}{6}$ b. $\frac{2}{7}$ c. $\frac{4}{5}$

3. $\frac{5}{12}, \frac{11}{17}, \frac{6}{9}$

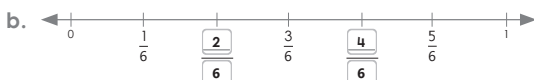
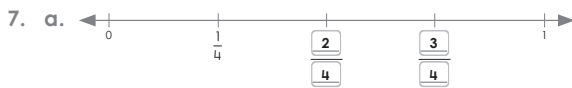
4. a. $\frac{1}{4}$ b. $\frac{5}{6}$ c. $\frac{2}{7}$ d. $\frac{2}{9}$

5. a.  b. 

c.  d. 

6. a. $\frac{2}{3}$ b. $\frac{5}{7}$ c. $\frac{3}{6}$

d. $\frac{4}{11}$ e. $\frac{6}{8}$ f. $\frac{4}{10}$



9. a. > b. < c. < d. >

10. a. $\frac{1}{9}, \frac{4}{9}, \frac{5}{9}, \frac{6}{9}, \frac{7}{9}$

b. $\frac{3}{11}, \frac{4}{11}, \frac{5}{11}, \frac{6}{11}, \frac{7}{11}, \frac{8}{11}$

c. $\frac{2}{12}, \frac{3}{12}, \frac{5}{12}, \frac{8}{12}, \frac{10}{12}$

d. $\frac{1}{37}, \frac{3}{37}, \frac{15}{37}, \frac{18}{37}, \frac{23}{37}, \frac{31}{37}$

11. a. $\frac{15}{16}, \frac{10}{16}, \frac{8}{16}, \frac{2}{16}$

b. $\frac{19}{25}, \frac{10}{25}, \frac{8}{25}, \frac{5}{25}, \frac{4}{25}$

c. $\frac{43}{44}, \frac{28}{44}, \frac{17}{44}, \frac{4}{44}, \frac{3}{44}$

d. $\frac{47}{51}, \frac{39}{51}, \frac{26}{51}, \frac{18}{51}, \frac{13}{51}, \frac{8}{51}$

12. a. 2 b. 4 c. 3

d. 1 e. 12 f. 2

13. a. $\frac{1}{6} = \frac{2}{12}, \frac{3}{18}, \frac{4}{24}, \frac{5}{30}$

b. $\frac{2}{3} = \frac{4}{6}, \frac{6}{9}, \frac{8}{12}, \frac{10}{15}$

c. $\frac{6}{7} = \frac{12}{14}, \frac{18}{21}, \frac{24}{28}, \frac{30}{35}$

d. $\frac{4}{5} = \frac{8}{10}, \frac{12}{15}, \frac{16}{20}, \frac{20}{25}$

e. $\frac{4}{9} = \frac{8}{18}, \frac{12}{27}, \frac{16}{36}, \frac{20}{45}$

f. $\frac{5}{10} = \frac{10}{20}, \frac{15}{30}, \frac{20}{40}, \frac{25}{50}$

Catch Up (Page 104)

1. yes 2. yes 3. no

14. a. 3 b. 2 c. 10 d. 11

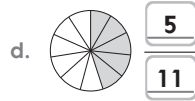
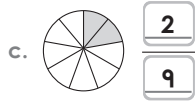
e. 6 f. 12

15. a.  $\frac{2}{4}$ b.  $\frac{5}{6}$

c.  $\frac{3}{8}$ d.  $\frac{10}{12}$

16. a. $\frac{2}{3}$ b. $\frac{3}{5}$ c. $\frac{5}{7}$ d. $\frac{7}{9}$ e. $\frac{8}{11}$

17. a.  $\frac{1}{3}$ b.  $\frac{1}{7}$



18. a. $\frac{2}{4}$ b. $\frac{1}{5}$ c. $\frac{2}{9}$ d. $\frac{7}{10}$ e. $\frac{2}{11}$

19. b. $\frac{12}{15}$ c. $\frac{7}{40}$ d. $\frac{13}{20}$

Mental Maths

1. a. Numerator = 1, Denominator = 7
- b. Numerator = 12, Denominator = 19
- c. Numerator = 43, Denominator = 57
- d. Numerator = 89, Denominator = 148

2. a. $\frac{5}{10}$ b. $\frac{3}{5}$ c. $\frac{6}{15}$ d. $\frac{8}{11}$

3. a. < b. > c. = d. <

4. $\frac{13}{20}$

I am a learner

- A. 1. a 2. b 3. c 4. d 5. c

- B. 1. \rightarrow c 2. \rightarrow d 3. \rightarrow a 4. \rightarrow b

C. 1. $\frac{3}{5}$ 2. $\frac{6}{9}, \frac{8}{9}$ 3. $\frac{3}{8}, \frac{6}{8}$



- E. a. Numerator = 2, Denominator = 7
- b. Numerator = 3, Denominator = 8
- c. Numerator = 4, Denominator = 6
- d. Numerator = 9, Denominator = 12

- F. 1. < 2. > 3. < 4. <





G. 1. $\frac{9}{14}, \frac{10}{14}, \frac{11}{14}, \frac{12}{14}$ 2. $\frac{41}{49}, \frac{42}{49}, \frac{43}{49}, \frac{45}{49}$

H. 1. $\frac{7}{8}, \frac{5}{8}, \frac{3}{8}, \frac{1}{8}$ 2. $\frac{41}{47}, \frac{33}{47}, \frac{23}{47}, \frac{19}{47}$

I. 1. $\frac{4}{10}, \frac{6}{15}, \frac{8}{20}, \frac{10}{25}$ 2. $\frac{2}{8}, \frac{3}{12}, \frac{4}{16}, \frac{5}{20}$

3. $\frac{12}{20}, \frac{18}{30}, \frac{24}{40}, \frac{30}{50}$ 4. $\frac{14}{22}, \frac{21}{33}, \frac{28}{44}, \frac{35}{55}$

J.

				
Nadia	$\frac{1}{5}$ of 50 = 10	$\frac{1}{3}$ of 27 = 9	$\frac{1}{2}$ of 26 = 13	$\frac{1}{5}$ of 25 = 5
Zara	$\frac{1}{2}$ of 24 = 12	$\frac{1}{2}$ of 42 = 21	$\frac{1}{3}$ of 33 = 11	$\frac{1}{4}$ of 16 = 4
Jenny	$\frac{1}{4}$ of 48 = 12	$\frac{1}{2}$ of 36 = 18	$\frac{1}{4}$ of 52 = 13	$\frac{1}{2}$ of 18 = 9

K. 1. $\frac{3}{7}$ 2. $\frac{5}{9}$ 3. $\frac{2}{5}$ 4. $\frac{6}{7}$

L. 1. $\frac{4}{5}$ 2. $\frac{5}{8}$ 3. $\frac{3}{3}$ 4. $\frac{16}{27}$

5. $\frac{13}{17}$ 6. $\frac{8}{9}$

M. 1. $\frac{3}{7}$ 2. $\frac{1}{17}$ 3. $\frac{4}{15}$ 4. $\frac{4}{13}$

5. $\frac{11}{20}$ 6. $\frac{1}{11}$

N. 1. $\frac{20}{24}$ 2. 12 flowers

I am an artist Do yourself

I am a doer 1 m

I am an all-rounder

A. English - $\frac{3}{5}$

B. Science -

ointment - $\frac{3}{8}$

drainage - $\frac{4}{8}$

bandage - $\frac{3}{7}$

C. Social Studies - $\frac{8}{36}$

Students' Worksheets

Worksheet 1

A. 1. N - 4, D - 5 2. N - 8, D - 11

3. N - 7, D - 12 4. N - 3, D - 4

5. N - 1, D - 14

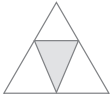
B. 1. $\frac{4}{10}$ 2. $\frac{2}{3}$ 3. $\frac{1}{3}$ 4. $\frac{1}{4}$ 5. $\frac{3}{8}$

C. 1. $\frac{2}{3}$ 2. $\frac{9}{15}$ 3. $\frac{7}{9}$ 4. $\frac{2}{5}$ 5. $\frac{4}{7}$

Worksheet 2

A. 1. $\frac{1}{5}$ 2. $\frac{2}{7}$ 3. $\frac{3}{8}$ 4. $\frac{4}{9}$ 5. $\frac{5}{8}$

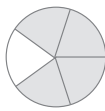
B. 1.



2.



3.



4.



5.



C. $\frac{12}{17}, \frac{8}{11}, \frac{4}{25}, \frac{3}{17}, \frac{9}{21}$

Worksheet 3

- A. 1. One third 2. Three fifths
 3. Two sixths 4. One tenth
 5. Seven ninths

- B. 1. c 2. d 3. a 4. e 5. b
 C. 1. > 2. < 3. > 4. < 5. >

Worksheet 4

- A. 1. Numerator – 2, Denominator – 3
 2. Numerator – 5, Denominator – 6
 3. Numerator – 6, Denominator – 9
 4. Numerator – 7, Denominator – 12
 5. Numerator – 6, Denominator – 7

B. 1. $\frac{13}{16}$ 2. $\frac{12}{11}$ 3. $\frac{20}{23}$ 4. $\frac{11}{13}$ 5. $\frac{11}{15}$

C. 1. $\frac{2}{12}$ 2. $\frac{1}{17}$ 3. $\frac{9}{21}$ 4. $\frac{4}{15}$ 5. $\frac{3}{23}$

Worksheet 5

- A. 1. < 2. > 3. > 4. < 5. >

B.

1. $\frac{2}{5}$ a. one third
 2. $\frac{1}{3}$ b. two fifths
 3. $\frac{3}{4}$ c. one half
 4. $\frac{1}{2}$ d. one fourth
 5. $\frac{1}{4}$ e. three fourths

- C. 1. One half is written as $\frac{1}{2}$.
 2. A fraction shows a part of a whole object.
 3. On the number line, $\frac{1}{2}$ comes before 1.
 4. $\frac{2}{4}$ and $\frac{1}{2}$ are equal
 5. If we add $\frac{1}{4}$ and $\frac{2}{4}$, we get $\frac{3}{4}$.

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. c
 B. 1. $\frac{4}{8}$ 2. $\frac{4}{8}$ 3. $\frac{2}{6}$ 4. $\frac{3}{4}$ 5. $\frac{2}{6}$
 C. 1. $\frac{2}{4}$ 2. $\frac{3}{5}$ 3. $\frac{5}{7}$ 4. $\frac{6}{11}$
 D. 1. $\frac{3}{8} < \frac{4}{8} < \frac{6}{8} < \frac{7}{8}$
 2. $\frac{1}{10} < \frac{5}{10} < \frac{6}{10} < \frac{8}{10}$
 3. $\frac{1}{15} < \frac{3}{15} < \frac{4}{15} < \frac{8}{15}$

Worksheet 2

- A. 1. 10 people 2. 10 apples
 3. 36 pencils 4. 20 butterflies
 5. 25 carrots 6. 24 balloons
 B. 1. $\frac{1}{5}$ 2. $\frac{2}{7}$ 3. $\frac{1}{9}$ 4. $\frac{3}{11}$
 C. 1. > 2. < 3. =
 4. < 5. < 6. >
 D. 1. $\frac{5}{7} > \frac{3}{7} > \frac{2}{7} > \frac{1}{7}$
 2. $\frac{7}{9} > \frac{5}{9} > \frac{3}{9} > \frac{2}{9}$
 3. $\frac{12}{13} > \frac{11}{13} > \frac{10}{13} > \frac{9}{13}$
 E. 1. 12 balloons 2. 6 books

Answers

Theme 7: What Keeps Us Going

Lesson-9: Money

Main Coursebook

I am ready

- ₹12
- Carrot
- ₹27
- yes

Catch Up (Page 117)

- One thousand 2. 5 3. ₹25
- ₹260 – two hundred sixty
 - ₹708 – seven hundred eight
 - ₹752 – Seven hundred fifty-two
- 500 p b. 1050 p c. 2250 p
 - 3350 p e. 4750 p f. 15650 p
 - 3650 p h. 4550 p
- 3.50 b. 9.50 c. 10.50
 - 12.50 e. 7.50 g. 17.50
- ₹31 b. ₹91 .50 c. ₹132
 - ₹411 e. ₹165
- ₹551 c. ₹965
- ₹83.50 b. ₹73.50 c. ₹78.00
 - ₹164.50 e. ₹64 f. ₹21.50
- ₹63.50 c. ₹29.50
- ₹445.50, ₹54.50 c. ₹99, ₹211.50

Catch Up (Page 121)

- ₹600 2. ₹600
- ₹13.50 b. ₹180 c. ₹298
 - ₹37.50 e. ₹91 f. ₹262.50
- ₹3,080 c. ₹7,882.50 d. ₹2,160

Mental Maths

- ii b. iii c. iv
- 163 – One hundred sixty-three
 - 240 – Two hundred forty

I am a learner

- a 2. d 3. b 4. b 5. b
-

	Amount (Paise)	Amount (Rupees)	Total Amount in words
1.	120 p	₹1.20	One rupee twenty paise
2.	2150 p	₹21.50	Twenty one rupees fifty paise
3.	450 p	₹4.50	Four rupees fifty paise
4.	3050 p	₹30.50	Thirty rupees fifty paise
5.	8150 p	₹81.50	Eighty one rupees fifty paise

- 1050 p 2. 2250 p 3. 1200 p
 - 5400 p 5. 650 p 6. 1250 p
- 2.50 2. 3.50 3. 31.50
 - 65.50 5. 71.50 6. 81.50
- ₹653 2. ₹479 3. ₹492
 - ₹965 5. ₹938 6. ₹1,222
- ₹240 2. ₹148 3. ₹199
 - ₹511 5. ₹816 6. ₹644.50
- ₹60.25 2. ₹428.50 3. ₹439.50
 - ₹95.50 5. ₹152
- ₹45 2. ₹241 3. ₹43.50
 - ₹563.50 5. ₹603 6. ₹624
- ₹103.50 2. ₹1,021.50
 - ₹200 4. 1,642.50

I am an artist Try yourself

My Secret Journal Try yourself

I am a thinker ₹310;

Accept all relevant responses.

I am an all-rounder

English – carefully, suddenly, quickly, kindly; ₹70

Science – ₹82.50

Social Studies – ₹7656

Students' Worksheets

Worksheet 1

- ₹15 2. ₹25 3. ₹36 4. 70 p 5. 85 p
 - ₹4 2. ₹3 3. ₹12 4. ₹14 5. ₹36
- 300 p 2. 1050 p 3. 2450 p
 - 3350 p 5. 8550 p

Worksheet 2

- ₹2.50 2. ₹15.50 3. ₹6.50
 - ₹29.50 5. ₹42.50
- 650 p 2. 850 p 3. 1550 p
 - 1850 p 5. 2750 p
- ₹3.50 2. ₹8.50 3. ₹45.50
 - ₹57.50 5. ₹77.50

Worksheet 3

- ₹20.50 2. ₹46.50 3. ₹23.50
 - ₹98.50 5. ₹77.50
- ₹24 2. ₹51 3. ₹74.50
 - 198 5. 335
- ₹82 2. ₹144.50 3. 31.50
 - ₹506.50 5. ₹53.50

Worksheet 4

- A. 1. ₹903.50 2. ₹874.50 3. 223.50
4. 278.50 5. 963.50
- B. 1. 49 2. 20 3. 72 4. 30 5. 96
- C. 1. ₹5.50 is written as five rupees fifty paise.
2. 100 paise is equal to ₹1.
3. If you add ₹10 and ₹5, you get ₹15.
4. If you have ₹100 and spend ₹30, you are left with ₹70.
5. If one pencil costs ₹6, the cost of 3 pencils is ₹18.

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. b 3. c 4. a 5. c
- B. 1. 205 p 2. 1750 p 3. 6790 p

- C. 1. ₹60.55 2. ₹86.95 3. ₹225.50
D. 1. ₹81.25 2. ₹49.75

Worksheet 2

- A. 1. ₹2.17 2. ₹6.80 3. ₹42.01
4. ₹20.19 5. ₹46.31
- B. 1. ₹111.50 2. ₹399.30 3. ₹529.30
- C. 1. ₹10.50 2. ₹12.50 3. ₹46.55
- D. 1. Book, ₹85.25 2. ₹150

Answers

Theme 7: What keeps Us Going

Lesson-10: Time

Main Coursebook

I am ready

Time	Activity

1. b.



11 : 25
25 minutes past 11

c.



4 : 10
10 minutes past 4

d.



5 : 50
10 minutes to 6

Catch Up (Page 131)

- 40 minutes past 6 2. 10 minutes past 3
- 24 hours
- a. 5:00 a.m. b. 11:30 p.m. c. 1:15 p.m.
- a. 5:00 a.m. b. 1:00 a.m. c. 4:50 p.m.
d. 3:00 p.m.
- Accept all relevant responses.

Catch Up (Page 131)

- Accept all relevant responses 2. 366
- a. 48 months b. 180 days c. 28 days
d. 247 hours e. 1103 minutes
f. 506 seconds

Mental Maths

- b. 11:00 a.m.; 1:00 p.m.
c. 12:00 noon; 4:00 p.m.
d. 3:00 p.m.; 6:00 p.m.
- a. 31 days

- i. Accept all relevant responses.
ii. Accept all relevant responses.
- i. 4 days ii. 5 days

I am a learner

- A. 1. b 2. c 3. b 4. b 5. d

B. 1.



2.



3.



4.



5.



6.



7.



8.



1. 5:00 p.m. 2. 2:45 a.m.
3. 6:00 a.m. 4. 12:30 p.m.
1. 3:45 p.m. 2. 2:00 a.m.
3. 7:00 p.m. 4. 4:00 p.m.
1. 31 days 2. Friday
3. 4 4. 15th October
5. begin on Sunday and end on Tuesday.
1. 36 months 2. 180 months
3. 144 months 4. 276 months
1. 60 days 2. 210 days
3. 112 days 4. 730 days

H.

	In hours		In minutes		In seconds
a. 8 days	192	d. 14 hours	840	g. 14 minutes	840
b. 4 days 14 hours	110	e. 12 hours 42 minutes	762	h. 7 minutes 16 seconds	436
c. 12 days 6 hours	294	f. 6 hours 36 minutes	396	i. 11 minutes 18 seconds	678

I am a doer

5:30 p.m.

I am an all-rounder

A. English

Timeline: chronology, timetable, schedule

Calendar: almanac, planner, datebook

Midnight: Zero hours, 12 o'clock at night

B. Science

300 minutes

C. Social Studies

28 hours

Students' Worksheets

Worksheet 1

- A. 1. 366 2. 52 3. June
4. Tuesday 5. Monday
- B. 1. a 2. c 3. b 4. b 5. b
- C. 1. 7:05; 7 minutes past 5
2. 5:15; 15 minutes past 5
3. 4:50; 10 minutes to 5
4. 9:45; 15 minutes to 10
5. 2:15; 15 minutes past 2

Worksheet 2

- A. 1. 9:20 p.m. 2. 11:00 p.m. 3. 3:20 p.m.
4. 8:30 a.m. 5. 7:10 p.m.
- B. 1. 70 2. 29 3. 4
4. Tuesday; Monday
5. Thursday; tomorrow
- C. 1. 8:35; 25 minutes to 9
2. 2:20; 20 minutes past 2
3. 11:05; 5 minutes past 11
4. 2:55; 5 minutes to 3
5. 7:35; 25 minutes to 8

Worksheet 3

- A. 1. 14 2. Thursday 3. Sunday
4. Monday; Sunday
5. Saturday; Monday
- B. 1. p.m. 2. p.m. 3. a.m. 4. a.m. 5. a.m.

C. 1.



2.



3.



4.



5.



Worksheet 4

- A. 1. 1:15 2. 24 3. 60 4. twice 5. 365
- B. 1. 12:45 2. 2:10 3. 10:7 4. 25:8 5. 5; 1
- C. 1. The short hand on the clock shows hours.
2. 12:00 at night is called 12:00 a.m..
3. There are 12 months in a year.
4. 1 hour = 60 minutes.
5. A timeline shows events in chronological order.

Teacher's Worksheets

Worksheet 1

- A. 1. a 2. a 3. d
- B. 1. 6 o'clock 2. 3 o'clock 3. quarter to 1
- C. 1. 365 days 2. 1460 days 3. 1825 days
- D. 1. 90 days 2. 150 days 3. 210 days
- E. 1. 14 days 2. 21 days 3. 56 days

Worksheet 2

- A. 1. c 2. d 3. b 4. c
- B. 2. 26/01/1950 1/26/1950
3. 02/10/2021
4. 17 November 2021 11/17/2021
5. 5 July 2022 07/05/2022
- C. 1. → c, 2. → d, 3. → a, 4. → b
- D. 1. 28 days 2. 365 days 3. 60 days

Answers

Theme 8: Our Adventures Lesson-11: Measurement

Main Coursebook

I am ready

2200

- a. 500 cm b. 1418 cm
c. 2305 cm d. 3103 cm
- a. 3 m b. 6 m 28 cm
c. 15 m 15 cm d. 42 m 7 cm
- a. 6000 m b. 8467 m
c. 5911 m d. 6045 m
- a. 2 km b. 3 km 278 m
c. 7 km 255 m d. 5 km 187 m

Catch Up (Page 142)

1. 405 cm 2. 7000 m 3. 8 m
- a. 44 m 43 cm b. 66 m 8 cm
c. 100 m 53 cm
- a. 102 km 811 m b. 83 km 614 m
c. 70 km 605 m
- a. 16 m 9 cm b. 15 m 77 cm
c. 7 m 79 cm d. 53 m 77 cm
- a. 1 km 766 m b. 12 km 561 m
c. 5 km 648 m d. 11 km 937 m
- a. 41 m 40 cm b. Rohit; 72 cm
- a. 8000 g b. 2000 g c. 1937 g d. 6408 g

Catch Up (Page 145)

1. 2000 g 2. 6500 g
3. 9 kg 4. 7 kg 100 g
- a. 2 kg b. 3 kg 9 g
c. 6 kg d. 4 kg 682 g
- a. 36 kg 840 g b. 49 kg 393 g
c. 64 kg 316 g d. 138 kg 055 g
- a. 11 kg 247 g b. 15 kg 693 g
c. 26 kg 980 g d. 19 kg 836 g
- a. 16 kg 595 g b. Ash; 9 kg 148 g
- a. 6000 ml b. 8377 ml
c. 9270 ml d. 4711 ml
- a. 2 l b. 1 l 867 ml
c. 5 l 54 ml d. 5 l 105 ml

Catch Up (Page 148)

1. 8200 ml 2. 3500 ml 3. 1 l 200 ml
- a. 68 l 621 ml b. 70 l 285 ml
- a. 21 l 154 ml b. 23 l 135 ml
c. 27 l 802 ml d. 8 l 952 ml

- a. 21 l 664 ml b. 3 l 150 ml
c. 1 l d. 164 l 356 ml
e. 525 ml

Mental Maths

- a. 1050 g b. 2 km 51 m
c. 2 m 4 cm d. 1 l 5 ml
e. 2
- a. iii b. i c. iv d. i

I am a learner

1. c 2. d 3. a 4. a 5. b
1. 14; 1400 2. 1000; 3 3. 1000; 6000
4. 9000; 9 5. 100; 47; 1800; 1847
6. 4208; 4 km 208 cm 7. 1000; 3 kg 10 g
8. 5; 5000; 401; 5401
1. a. 700 cm b. 42 cm
c. 753 cm d. 861 cm
2. a. 3 m b. 3 m 82 cm
c. 40 m 53 cm d. 24 m 71 cm
3. a. 8000 m b. 2000 m
c. 6135 m d. 3046 m
4. a. 2 km b. 2 km 300 m
c. 5 km 30 m d. 7 km 879 m
5. a. 7000 g b. 2314 g
c. 3871 g d. 8005 g
6. a. 4 kg b. 3 kg 415 g
c. 4 kg 502 g d. 8 kg 6 g
7. a. 5000 ml b. 3150 ml
c. 5270 ml d. 7003 ml
8. a. 1 l b. 2 l 315 ml
c. 5 l 43 ml d. 9 l 408 ml
1. 79 m 1 cm 2. 60 kg 198 g
3. 68 l 925 ml 4. 75 km 614 m
5. 99 kg 922 g 6. 68 l 774 ml
1. 44 m 92 cm 2. 21 km 551 m
3. 1 kg 599 g 4. 17 kg 419 g
5. 4 l 865 ml 6. 9 l 309 ml
1. 81 m 12 cm 2. 83 m 47 cm
3. 95 km 613 m 4. 97 km 186 m
5. 82 kg 918 g 6. 66 kg 166 g
1. 16 m 99 cm 2. 29 m 93 cm
3. 24 kg 895 g 4. 1 kg 699 g
5. 61 l 109 ml 6. 54 l 464 ml
1. 118 m 43 cm 2. 90 cm
3. 2 km 620 m 4. 26 kg 275 g
5. 14 kg 200 g 6. 28 l 369 ml
7. 2 l 130 ml

I am an artist Try yourself

My Secret Journal Try yourself

I am a thinker

1. 34.500 2. 5.5
3. 3 l 500 ml 4. 5

I am an all-rounder

- A. **English** – 1. of, in 2. on
B. **Science** – 7 cm
C. **Social Studies** –
1. cm 2. g 3. g

Students' Worksheets

Worksheet 1

- A. 1. c 2. c 3. d 4. d 5. a
B. 1. false 2. false 3. false 4. true 5. false
C. 1. 10; 1000 2. 1000; 7 3. 1000; 2000
4. 6000; 6 5. 5; 5000

Worksheet 2

- A. 1. c 2. c 3. c 4. d 5. d
B. 1. false 2. false 3. true 4. true 5. false
C. 1. 7; 7000 2. 1000; 1 3. 1000; 8000
4. 2000; 2 5. 6; 600

Worksheet 3

- A. 1. 100 2. 1 3. 5 4. 9000 5. 4
B. 1. true 2. false 3. true 4. false 5. true
C. 1. 6; 6000 2. 4000; 4 3. 700; 7
4. 8000; 8 5. 9; 900

Worksheet 4

- A. 1. 1 2. 1 3. 7 4. 5000 5. 3
B. 1. true 2. false 3. false 4. true 5. true
C. 1. 2; 2000 2. 100; 8 3. 1000; 25000
4. 6000; 6 5. 18; 1800

Worksheet 5

- A. 1. 1000 cm 2. 5500 cm 3. 369 cm
4. 948 cm 5. 456 cm
B. 1. 3000 g 2. 1450 g 3. 9800 g
4. 5500 g 5. 12050 g

- C. 1. 1 metre is equal to 100 centimetres.
2. We measure milk using litres.
3. $5\text{ kg} + 3\text{ kg} = 8\text{ kg}$.
4. 1 kilometre = 1000 metres
5. If Raju has 3 l of water and drinks 1 l, he has 2 litres left

Teacher's Worksheets

Worksheet 1

- A. 1. 6000 2. 1.872 3. 3752
4. 50 5. 1; 425 6. 31828
B. 1. 13 m 81 cm 2. 63 km 12 m
3. 116 m 09 cm 4. 62 kg 121 g
5. 35 l 330 ml
C. 1. 16 kg 204 g 2. 247 kg 817 g
3. 16 m 74 cm 4. 14 km 4 m
5. 29 l 784 ml
D. 1. 16 kg 250 g 2. 7 kg 600 g

Worksheet 2

- A. 1. 4210 2. 6000 3. 248
4. 1; 144 5. 92,00,000 6. 2; 548
B. 1. 130 m 69 cm 2. 696 km 441 m
3. 537 kg 880 g 4. 599 kg 133 g
5. 550 l 654 ml
C. 1. 290 kg 114 g 2. 630 kg 660 g
3. 15 m 75 cm 4. 327 km 135 m
5. 229 l 937 ml
D. 1. 13 m 25 cm 2. 16 l 750 ml

Answers

Theme 9: We Keep Clean, Safe and Healthy

Lesson-12: Data Handling

Main Coursebook

I am ready

- Number of sanitiser - 3
- Number of toothbrushes - 4
- Number of masks - 3
- Number of soaps - 5
- 1 toothbrush more than hand sanitiser





Catch Up (Page 158)

- Information given in a list is called data.
- Accept all relevant responses.







- Pictograph is showing the kind of waste waste collected from a colony.
- Fruite peels
- Metal

2.

Fruit	Tally marks	Number of children
orange		7
apple		5
banana		6
grapes		7

- Orange and grapes
- Apple
- 7
- 11
- Orange













Mental Maths

Type of tree	Tally marks	Type of tree	Tally marks
neem		peepal	
ashoka		mango	

I am a learner

1. b. 2. d. 3. c. 4. b. 5. b.
1. 21 2. Pulses 3. 17
4. Salt 5. 83
1. 44 2. 44 3. long jump
4. 77 5. 22

D.

Bird	Tally marks	Number of birds
		10
		10
		19
		12
		8
		13

I am an artist

Accept all relevant responses.

My Secret Journal



Accept all relevant responses.

I am a doer

Do it yourself.

I am an all-rounder

A. English -

Sound	Words	Tally marks
fear	tear dear near shear hear	
car	far mar bar tar par jar	

B. **Science** - Accept all relevant responses.

C. **Social Studies** - Accept all relevant responses.






I am a project whiz

Accept all relevant responses.

Students' Worksheets

Worksheet 1

1. 5 2. 8 3. 22 4. 7 5. 3
1. 30 2. 35 3. 20 4. 25 5. 40
- C.

	Games	Number of students	Tally marks
1.	Basketball	15	
2.	Cricket	12	
3.	Football	12	
4.	Volleyball	9	
5.	Badminton	8	

Theme 6

1. b.

2. 3

3. $\frac{300}{600} = \frac{1}{2}$

Theme 7

1. b.

2. 1 month

3. 40

.....

Theme 8

2. 3-4

1. b.

3. 29 metres

Theme 9

2. 195

1. a

c. Keep water in clean bottles.