

Answers

Theme 1: We the People

Ch-1: Revision

Main Coursebook

I am ready

- a. kg b. l c. mg
d. m e. kg f. cm
- February, April, May, August, November, December

Icebreaker

829, 289, 298, 982, 928, 892.

- 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 |
|---|---|---|---|----|

 b.

| | | | | |
|---|---|---|---|----|
| 2 | 4 | 6 | 8 | 10 |
|---|---|---|---|----|

c.

| | | | | |
|---|---|----|----|----|
| 4 | 9 | 14 | 19 | 24 |
|---|---|----|----|----|

 d.

| | | | | |
|---|----|----|----|----|
| 9 | 13 | 17 | 21 | 25 |
|---|----|----|----|----|

- 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 balloons
c. 72 students d. 22 pages

I am a learner

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

- B. 1. Three hundred nine
2. Five hundred sixty-four
3. Six hundred fifteen

- C. 1. 197 2. 618 3. 588 4. 803

- D. 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. $Q = 24 R = 2$

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

- F. 1.  2.  3. 

- G. 1. g 2. cm 3. ml 4. m

- H. 1. 714 eggs 2. ₹73 3. 8 crayons

I am an artist

- JANUARY 2. FEBRUARY 3. MARCH
- APRIL 5. MAY 6. JUNE
- JULY 8. AUGUST 9. SEPTEMBER
- OCTOBER 11. NOVEMBER 12. DECEMBER

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

I am a thinker

1.

| | | |
|----|----|----|
| x | 7 | 8 |
| 9 | 63 | 72 |
| 11 | 77 | 88 |

2. Accept all the relevant responses.

I am an all-rounder

A. English

- stomach – 7 letters, story – 5 letters;
 $7 \times 5 = 35$
- student – 7 letters, stationery – 10 letters;
 $7 \times 10 = 70$

B. Science

- hippopotamus – 12 letters
butterfly – 9 letters
 $12 \div 9; Q = 1$

C. Social Studies

- 774 seeds

Students' Worksheets






Worksheet 1

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

Worksheet 2

- A. 1. 553 2. 340 3. 528 4. 927 5. 983
 B. 1. 258 2. 391 3. 139 4. 159 5. 89
 C. 1. quarter to 2 2. half past 9
 3. quarter past 8 4. quarter to 12
 5. quarter past 5

Worksheet 3



- A. 1. true 2. true 3. false
 4. true 5. false
 B. 1. 5 2. 7 3. 9 4. 9 5. 7
 C. 1. 
 2. 
 3. 
 4. 
 5. 

Worksheet 4

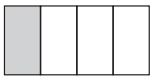





- A. 1. ₹20 2. ₹10 3. ₹1
 4. ₹500 5. ₹5
 B. 1. b 2. c 3. c 4. c 5. d
 C. 1 → e 2 → d 3 → b 4 → a 5 → c

Teacher's Worksheets

Worksheet 1

- A. 1. c 2. b 3. c 4. d 5. c
 B. 1. 1001 2. 1069 3. 1161
 4. 329 5. 355 6. 202
 C. 1.  2. 
 D. 1. 782 2. 144

Worksheet 2

- A. 1. 12 2. four 3. addition
 4. centimetre 5. 10
 B. 1. 105 2. 440
 3. 1824 4. Q = 19, R = 1
 5. Q = 4, R = 5 6. Q = 52, R = 3
 C. 1.  2. 
 3. 
 D. 1.  2.  3. 
 E. 1. 280 people 2. 10 candies

Theme 1: We the People

Ch-2: Numbers up to 9999

Main Coursebook

I am ready

1. a. two hundred sixty-seven
 b. five hundred forty-eight
 c. eight hundred thirty-four
 2. Before - 145, 286, 425; Between - 118, 257, 513; After - 184, 293, 583

Icebreaker 1000

In-text Question

1. three thousand four hundred eighty-five
 2. five thousand one hundred sixty-seven
 3. nine thousand seven hundred nineteen
 1. b. 1270; one thousand two hundred seventy
 c. 4131; four thousand one hundred thirty-one

In-text Question

1. 500 2. 4 3. 2

2.

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

3. a. $7000 + 300 + 80 + 2$
 b. $5000 + 600 + 40 + 3$
 c. $9000 + 400 + 20 + 2$
 d. $3000 + 100 + 60 + 5$
 4. a. $1256 < 6123 < 7122 < 7189$
 b. $2282 < 5090 < 9643 < 9873$
 c. $1022 < 1532 < 1678 < 1761$
 5. a. $9332 > 8422 > 8122 > 7764$
 b. $5431 > 3412 > 3312 > 2322$
 c. $7653 > 6565 > 6542 > 6535$

Page 14 In-text question

1. 1046 2. 1279

6.

| | successor | | predecessor |
|------|-------------|------|-------------|
| 1436 | <u>1437</u> | 7640 | <u>7639</u> |
| 2069 | <u>2070</u> | 6123 | <u>6122</u> |
| 6470 | <u>6471</u> | 1581 | <u>1580</u> |

7. a. VIII b. XVI c. X
 d. XXXVIII e. XXVII f. XX

Mental Maths

1. a. < b. > c. > d. >
 2. a. 91 b. 1489 c. 1554 d. 316

I am a learner

- A. 1. c. 2. a. 3. c. 4. b. 5. c.
- B. 1. 2441; two thousand four hundred forty-one
2. 2310; two thousand three hundred ten
- C. 1. 1600; one thousand six hundred
2. 3313; three thousand three hundred thirteen
3. 2642; two thousand six hundred forty-two
4. 2003; two thousand three
- D. 1. 7 2. 2 3. 1 4. 4
5. 0 6. 4
- E. 1.

| | | | |
|---|---|---|---|
| 5 | 1 | 7 | 2 |
| → | | | |
| → | | | |
| → | | | |
| → | | | |

| |
|------|
| 2 |
| 70 |
| 100 |
| 5000 |

 2.

| | | | |
|---|---|---|---|
| 1 | 0 | 5 | 1 |
| → | | | |
| → | | | |
| → | | | |
| → | | | |

| |
|------|
| 1 |
| 50 |
| 0 |
| 1000 |
3.

| | | | |
|---|---|---|---|
| 9 | 4 | 8 | 5 |
| → | | | |
| → | | | |
| → | | | |
| → | | | |

| |
|------|
| 5 |
| 80 |
| 400 |
| 9000 |

 4.

| | | | |
|---|---|---|---|
| 4 | 2 | 6 | 7 |
| → | | | |
| → | | | |
| → | | | |
| → | | | |

| |
|------|
| 7 |
| 60 |
| 200 |
| 4000 |
- F. 1. $5000 + 100 + 20 + 2$
2. $6000 + 0 + 50 + 0$
3. $4000 + 600 + 10 + 8$
4. $7000 + 0 + 90 + 8$
- G. 1. 3210 2. 1278 3. 7700 4. 3055
- H. 1. **1007** 1008 **1009**
2. **2173** 2174 **2175**
- I. Accept all the relevant responses.
- J. 1. 17 2. 22 3. 25 4. 23 5. 19
6. 34 7. 16 8. 31 9. 29 10. 37

I am a doer Plastic glasses

I am an all-rounder

A. **English**

1. big 2. new

B. **Science**

CCVI

C. **Social Studies**

Do yourself.

Students' Worksheets

Worksheet 1

- A. 1. Two thousand eight hundred fifty
2. Seven thousand six hundred fifty-four
3. Nine thousand eight hundred forty-five
4. One thousand seven
5. Eight thousand six hundred fifty-three
- B. 1. XII 2. XXV 3. XX
4. XXXII 5. XV 6. XXIII
- C. 1. 200 2. 40 3. 8000
4. 400 5. 0

Worksheet 2

- A. 1. O 2. E 3. E
4. E 5. E 6. O
- B. 1.

| |
|------|
| 3000 |
| 400 |
| 60 |
| 7 |

| |
|------|
| 9000 |
| 0 |
| 80 |
| 4 |

 3.

| |
|------|
| 7000 |
| 0 |
| 0 |
| 9 |
4.

| |
|------|
| 1000 |
| 0 |
| 90 |
| 8 |

 5.

| |
|------|
| 5000 |
| 0 |
| 90 |
| 2 |
- C. 1. $7000 + 0 + 90 + 8$
2. $2000 + 300 + 40 + 6$
3. $1000 + 0 + 90 + 0$
4. $2000 + 400 + 50 + 6$
5. $7000 + 800 + 90 + 0$

Worksheet 3

- A. 1. 9 2. 12 3. 26
4. 19 5. 29 6. 37
- B. 1. tens; 70 2. hundreds; 0
3. thousands; 5000 4. ones; 8
5. five thousand seventy-eight
- C. 1. = 2. < 3. >
4. > 5. > 6. <

Worksheet 4

- A. 1. 2 2. 8 3. 0
4. 4 5. 3 6. 5
- B. 1. 298 729 2987 7298
2. 283 1005 3256 3654
3. 3294 4467 6871 8080
4. 1126 2933 5676 9124
5. 5556 5565 5656 5665
- C. 1. 1893 1205 502 250
2. 7852 7582 785 758
3. 7520 4569 3896 3654
4. 8965 8956 8659 8596
5. 7421 7412 7241 7124

Teacher's Worksheets

Worksheet 1

- A. 1. d 2. a 3. a 4. b
- B. 1. five thousand
2. five thousand three hundred
3. two thousand one hundred fifty-six
- C. 1. 4456 2. 5711 3. 2610
- D. 1. 1058 1269 1298 1902
2. 1269 1574 1578 2486

Worksheet 2

| A. | smallest number | greatest number |
|------------|-----------------|-----------------|
| 0, 2, 1, 7 | 1027 | 7210 |
| 5, 3, 0, 5 | 3055 | 5530 |
| 7, 0, 5, 9 | 5079 | 9750 |
| 8, 9, 6, 0 | 6089 | 9860 |

- B. 1. 4312 4213 4132 4027
 2. 5874 5842 5494 5327
 3. 6925 6543 6434 6371
- C. 1. IX 2. XIV 3. XVIII
 4. XXI 5. XXV 6. XXX
- D. 1. 10 2. 16 3. 26
 4. 19 5. 38 6. 23
- E. 1. < 2. < 3. >
 4. < 5. = 6. <

Theme 2: We live in Harmony
Ch-3: Addition

Main Coursebook

I am ready

- a. 70 b. 92

Icebreaker 1,000 desks

1. a. 1415 b. 862
 c. 1590

In-text Question

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

In-text Question

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. 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 |
| <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 |
| <hr/> | | |
| 7 | 4 | 7 |

2.

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

3.

| | | |
|-------|---|---|
| 3 | 2 | 1 |
| + | 3 | 1 |
| <hr/> | | |
| 3 | 4 | 8 |

4.

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

5.

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

6.

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

7.

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

8.

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

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

I am an artist

4,425 students



I am a thinker

No, Ryan does not have enough money to buy all the items.

I am an all-rounder

- A. **English**
 quit- 3956
 quiz- 3958
 Sum = $3956 + 3958 = 7914$

B. Science

1. 22 letters 2. 25 letters; Sum – 47 letters

C. Social Studies

$1547 + 2957 + 4211 = 8715$

I am a project whiz

1, 2, 6, 3, 6, 6, thousands, 4, 3152

Students' Worksheets

Worksheet 1

- A. 1. 10 2. 10 3. 9; 10
 4. 9; 10 5. 9; 10
 B. 1. false 2. false 3. true
 4. false 5. true
 C. 1. 652 2. 957 3. 891
 4. 884 5. 1,201

Worksheet 2

- A. 1. true 2. false 3. true
 4. false 5. false
 B. 1. 8; 5 2. 4; 0 3. 9; 4
 4. 20; 14 5. 40; 30

C. 1.
$$\begin{array}{r} 1008 \\ + 7944 \\ \hline 8952 \end{array}$$
 2.
$$\begin{array}{r} 5167 \\ + 2837 \\ \hline 8004 \end{array}$$

 3.
$$\begin{array}{r} 4566 \\ + 2566 \\ \hline 7132 \end{array}$$
 4.
$$\begin{array}{r} 1111 \\ + 6652 \\ \hline 7763 \end{array}$$

 5.
$$\begin{array}{r} 1121 \\ + 3009 \\ \hline 4130 \end{array}$$

Worksheet 3

- A. 1. 999 2. 4999 3. 0
 4. 1 5. 0
 B. 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.
$$\begin{array}{r} 7859 \\ + 1478 \\ \hline 9337 \end{array}$$

 C. 1. 9786 2. 8957 3. 8013
 4. 7536 5. 9992

Worksheet 4

- A. 1. 1 thousand 2. 100 3. 0
 4. same 5. successor
 B. 1.
$$\begin{array}{r} 1121 \\ + 3005 \\ \hline 4126 \end{array}$$
 2.
$$\begin{array}{r} 1070 \\ + 5613 \\ \hline 6683 \end{array}$$

 3.
$$\begin{array}{r} 4332 \\ + 1044 \\ \hline 5376 \end{array}$$
 4.
$$\begin{array}{r} 2311 \\ + 5515 \\ \hline 7826 \end{array}$$

 5.
$$\begin{array}{r} 5462 \\ + 1532 \\ \hline 6994 \end{array}$$

 C. 1. 600 2. 800 3. 1600
 4. 1400 5. 6000

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.
$$\begin{array}{r} 3874 \\ + 1065 \\ \hline 4939 \end{array}$$

$$\begin{array}{r}
 40\boxed{5}0 \\
 + 1\boxed{6}00 \\
 \hline
 565\boxed{0}
 \end{array}$$

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

Theme 3: Where We Live

Ch-4: Subtraction

Main Coursebook

I am ready

31 seats

Icebreaker

- 4 times; 5 times; t; 1 time
 1. a. 253 b. 501 c. 189 d. 285

In-text Question

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. 928 children d. 1822 red roses
 e. 1454 students

In-text Question

1. Number itself 2. Predecessor 3. Add
 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. false
 e. true

I am a learner

- A. 1. a 2. c 3. b 4. a 5. c
 B. 1. 58 2. 197 3. 148 4. 2223
 5. 2342 6. 6418 7. 2127 8. 2955
 9. 926
 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
 7. 2093 8. 3583
 F. 1. 756 girls 2. CD player; ₹2550
 3. ₹1851 4. 2784 people

I am a doer ₹2500

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. 9989 2. 1980 3. 8762
 4. 6000 5. 6680

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. d 2. c 3. e 4. b 5. a

C. 1.
$$\begin{array}{r} 894 \\ - 585 \\ \hline 309 \end{array}$$
 2.
$$\begin{array}{r} 567 \\ - 289 \\ \hline 278 \end{array}$$

3.
$$\begin{array}{r} 1457 \\ - 398 \\ \hline 1059 \end{array}$$
 4.
$$\begin{array}{r} 8262 \\ - 2656 \\ \hline 5606 \end{array}$$

5.
$$\begin{array}{r} 3087 \\ - 1779 \\ \hline 1308 \end{array}$$

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. 2579 2. 1977

Worksheet 2

- A. 1. d 2. b 3. b 4. a
- B. 1.
$$\begin{array}{r} 357 \\ - 214 \\ \hline 143 \end{array}$$
 2.
$$\begin{array}{r} 787 \\ - 302 \\ \hline 485 \end{array}$$
 3.
$$\begin{array}{r} 697 \\ - 432 \\ \hline 265 \end{array}$$
- C. 1. 1336 2. 2176 3. 3272
D. 1. 2262 2. 2749

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

Main Coursebook

I am ready

- a. Line b. Point c. line segment

Icebreaker

Try yourself

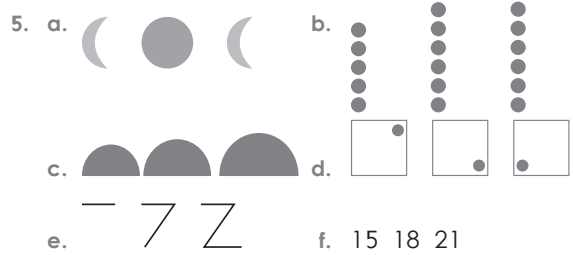
In-text Question

1. no 2. yes 3. yes
1. a. 5 b. 4 c. 4 d. 8
2. a. point b. ray (\overrightarrow{RS}) c. line segment (\overline{DE})
d. line (\overleftrightarrow{AB})
3. a. $MN = 3$ cm, $NO = 3$ cm, $OP = 3$ cm,
 $PM = 3$ cm




- b. $XY = 2$ cm, $YZ = 2$ cm, $ZX = 2$ cm

In-text Question

1. no 2. yes 3. yes
4. a. 4; 4 b. 3; 3 c. 0; 0 d. 4; 4








Mental Maths

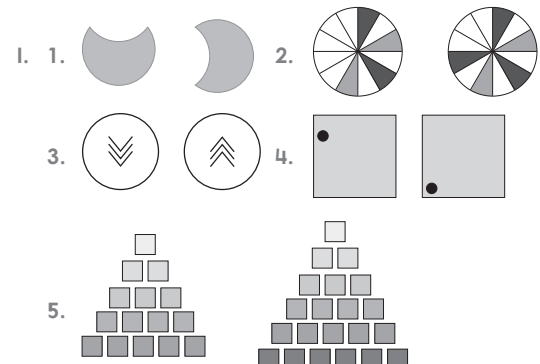
1. a. true b. false c. false d. false
e. true f. true
2. a.  b.  c. E e d. 

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. Lines – 3; Rays – 6; Line segments – 9; Parallel lines – 4 pairs; Intersecting lines – 2 pairs
D. $DA = 2.3$ cm, $CD = 1.5$ cm, $AB = 2.7$ cm, $BC = 2.3$ cm
 $PQ = 3.3$ cm, $RS = 2.3$ cm, $QR = 2.3$ cm, $SP = 2$ cm
E. Do yourself

| 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
 2. 68, 83, 98, 113 4. 104, 90, 76, 62

I am a thinker

Try yourself

I am an all-rounder

A. English

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

B. Science

Cylinder

C. Social Studies

Charminar - Square, Cube; India Gate -
 Rectangle, Cuboid; Qutb Minar - Line segment,
 Sphere

Students' Worksheets

Worksheet 1

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

Worksheet 2

- 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.  2. 
 3.  4.  5. 



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. 5 2. 1 3. 8
 4. 3 5. 2 pairs

- C. 1.  2.  3. 
 4.  5. 

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 |

THEME 4: How We Live

Ch-6: Multiplication

Main Coursebook

I am ready

- a. 8 b. 10 c. $8 \times 10 = 80$

Icebreaker

Accept all relevant responses.

1. a. 60 b. 450 c. 220

In-text Question

1. To the right of the number
 2. To the right of the number
 3. Three zeros

2. a. 800 b. 3400 c. 6500
 3. a. 777 b. 963 c. 892
 d. 498 e. 585 f. 684
 4. a. 488 b. 2088 c. 2080
 d. 6408 e. 7296 f. 8274

In-text Question

1. 0 2. Yes 3. The 4-digit number

5. a. 2142 b. 612 c. 3428
 d. 0 e. 6 f. 8

6. a. $16 \times 38 = 16 \times (30 + 8)$

$$= 16 \times 30 + 16 \times 8$$

$$= 480 + 128$$

$$= 608$$

b. $11 \times 24 = 11 \times (20 + 4)$

$$= 11 \times 20 + 11 \times 4$$

$$= 220 + 44$$

$$= 264$$

7. b. $3 \times (60 + 4) = 3 \times 60 + 3 \times 4 = 180 + 12 = 192$

c. $7 \times (70 + 8) = 7 \times 70 + 7 \times 8 = 490 + 56 = 546$

d. $11 \times (50 + 2) = 11 \times 50 + 11 \times 2 = 550 + 22 = 572$

8. a. 403 b. 924 c. 1176
 d. 1908 e. 3432 f. 4224
 g. 4128 h. 7005

9. c. 4032 balloons d. 300 pencils
 e. 1108 people f. 7545 petals
 g. ₹8400 h. 4608 students

Mental Maths

1. a. 80 b. 420 c. 1600 d. 600

2. b. $42 \times 4 = (40 + 2) \times 4$

$$= 40 \times 4 + 2 \times 4$$

$$= 160 + 8$$

$$= 168$$

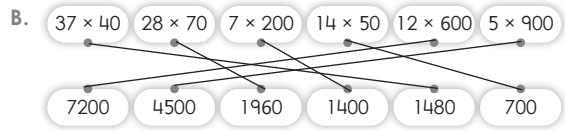
- c. 504 d. 456 e. 594 f. 306

3. 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



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 |
| | | | |
| | 8 | 4 | 2 |

2.

| | | | | |
|---|----|---|---|---|
| | TH | H | T | O |
| | | 2 | 4 | 5 |
| x | | | | 6 |
| | | | | |
| | 1 | 4 | 7 | 0 |

3.

| | | | | |
|---|----|---|---|---|
| | TH | H | T | O |
| | | 6 | 9 | 7 |
| x | | | | 9 |
| | | | | |
| | 6 | 2 | 7 | 3 |

4.

| | | | | |
|---|----|---|---|---|
| | TH | H | T | O |
| | 1 | 3 | 3 | 2 |
| x | | | | 3 |
| | | | | |
| | 3 | 9 | 9 | 6 |

5.

| | | | | |
|---|----|---|---|---|
| | TH | H | T | O |
| | 1 | 9 | 3 | 7 |
| x | | | | 5 |
| | | | | |
| | 9 | 6 | 8 | 5 |

6.

| | | | | |
|---|----|---|---|---|
| | TH | H | T | O |
| | 2 | 1 | 4 | 5 |
| x | | | | 4 |
| | | | | |
| | 8 | 5 | 8 | 0 |

7.

| | | | | |
|---|---|---|---|---|
| | H | T | O | |
| | | 3 | 2 | |
| x | | | 2 | |
| | | | | |
| | | 3 | 2 | |
| | + | 6 | 4 | 0 |
| | | | | |
| | | 6 | 7 | 2 |

8.

| | | | | |
|---|---|---|---|---|
| | H | T | O | |
| | | 5 | 7 | |
| x | | | 1 | |
| | | | | |
| | | 3 | 4 | 2 |
| | + | 5 | 7 | 0 |
| | | | | |
| | | 9 | 1 | 2 |

9.

| | | | | | |
|---|----|---|---|---|---|
| | TH | H | T | O | |
| | | | 8 | 5 | |
| x | | | | 2 | |
| | | | | | |
| | | | 5 | 1 | 0 |
| | + | 1 | 7 | 0 | 0 |
| | | | | | |
| | | 2 | 2 | 1 | 0 |

10.

| | | | | | |
|---|----|---|---|---|---|
| | TH | H | T | O | |
| | | 2 | 2 | 1 | |
| x | | | | 2 | |
| | | | | | |
| | | | 8 | 8 | 4 |
| | + | 4 | 4 | 2 | 0 |
| | | | | | |
| | | 5 | 3 | 0 | 4 |

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

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

- 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 - a 2. 5535 - b 3. 6154 - c
 4. 8525 - d 5. 3534 - e 6. 7618 - f
 7. 7506 - g 8. 7125 - h 9. 4994 - i

I am a doer: 864 seeds

I am an all-rounder

A. English

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

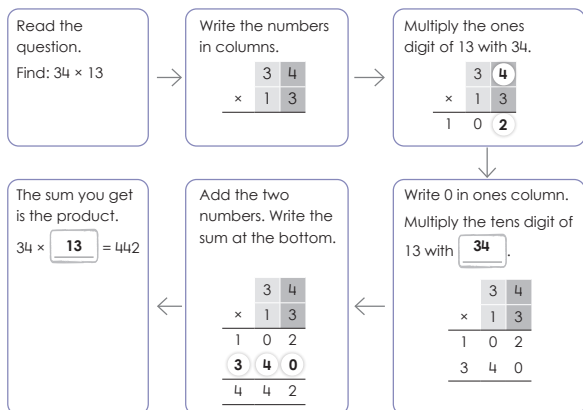
B. Science

Accept all the relevant responses.

C. Social Studies

600

I am a project whiz



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. c
- 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. Answer may vary

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. 8250 oranges 2. 2070 apples
 3. 4608 pages 4. 1080 flowers
 5. 504 passengers

Teacher's Worksheets

Worksheet 1

- A. 1. d 2. c 3. d 4. b
 B. 1. 600 2. 0 3. 10
 4. 6 5. 9200 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

Theme 5: Our Solar System Ch-7: Division

Main Coursebook

I am ready

16 carrots

Icebreaker

do yourself

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

In-text Question

1. 25 2. 1 c. 0 d. meaningless
 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. $7 \times 8 + 4 = 56 + 4 = 60$

In-text Question

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

In-text Question

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. $15 \times 15 = 225$ b. ii. 4

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.
$$\begin{array}{r} 22 \\ 4 \overline{) 88} \\ \underline{- 8} \\ 08 \\ \underline{- 8} \\ 0 \end{array}$$

2.
$$\begin{array}{r} 121 \\ 2 \overline{) 242} \\ \underline{- 2} \\ 04 \\ \underline{- 4} \\ 02 \\ \underline{- 2} \\ 0 \end{array}$$

Q = , R = Q = , R =

$$\begin{array}{r} 11 \\ 7 \overline{) 78} \\ \underline{- 7} \\ 08 \\ \underline{- 7} \\ 1 \end{array}$$

Q = 11, R = 1

$$\begin{array}{r} 23 \\ 4 \overline{) 93} \\ \underline{- 8} \\ 13 \\ \underline{- 12} \\ 1 \end{array}$$

Q = 23, R = 1

$$\begin{array}{r} 249 \\ 3 \overline{) 749} \\ \underline{- 6} \\ 14 \\ \underline{- 12} \\ 29 \\ \underline{- 27} \\ 2 \end{array}$$

Q = 249, R = 2

$$\begin{array}{r} 94 \\ 8 \overline{) 753} \\ \underline{- 72} \\ 33 \\ \underline{- 32} \\ 1 \end{array}$$

Q = 94, R = 1

- 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 = 10, R = 8
 5. Q = 140, R = 1 6. Q = 69, R = 3
 7. Q = 98, R = 2 8. Q = 105, R = 3
 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 a thinker

1. 8 dozens
 2. = 40 = 30 = 10

I am an all-rounder

- A. **English** –
 Q = 64, R = 4

- B. **Science** – 5000 bottles
 C. **Social Studies** – 14 breaks

I am a project whiz

Arrange the numbers in long division form.

$$\begin{array}{r} 7 \overline{) 267} \end{array}$$

Divide the digits of the hundreds and tens together by 7.

$$\begin{array}{r} 38 \\ 7 \overline{) 267} \\ \underline{- 21} \\ 57 \end{array}$$

Check the answer.

38 × 7 + 1 = 267

Write the value of quotient and remainder.

Q = 38 and
 R = 1

Copy down the ones and divide.

$$\begin{array}{r} 38 \\ 7 \overline{) 267} \\ \underline{- 21} \\ 57 \\ \underline{- 56} \\ 1 \end{array}$$

Students' Worksheets

Worksheet 1

- A. 1. meaningless 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. meaningless 2. 15
 3. 1 4. 0 5. 17
- B. 1. a 2. b 3. c
 4. b 5. c
- C. 1. → d 2. → a 3. → e
 4. → b 5. → 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. | Division fact | Dividend | Divisor | Quotient |
|----|-------------------|------------|----------|-----------|
| 1. | $125 \div 5 = 25$ | 125 | 5 | 25 |
| 2. | $105 \div 3 = 35$ | 105 | 3 | 35 |
| 3. | $195 \div 3 = 65$ | 195 | 3 | 65 |
| 4. | $270 \div 6 = 45$ | 270 | 6 | 45 |
| 5. | $738 \div 9 = 82$ | 738 | 9 | 82 |

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





Enrichment Activities

- A. Blue: 1000, 3010, 2356, 8000, 9530, 2119, 3643, 8730
 Red: 7451, 4831, 600, 8, 900, 1, 5340, 7665
 Green: 38, 5102, 19, 1429, 1867, 9999, 90, 7238

- B. 1. 655 2. 1019 3. 6700
 4. 8459 5. 7431 6. 4716
 C. 1. 1496 2. 1125 3. 17,885
 4. 5496 5. 600 6. 1980
 7. 4872 8. 0 OUR SOLAR SYSTEM

D. Accept all relevant responses.

Revision Worksheets





- A. 1. 4131; four thousand one hundred thirty-one
 2. 2335; two thousand three hundred thirty-five
 3. 1054; one thousand fifty-four
 4. 6200; six thousand two hundred
 B. 1. $2145 < 2156 < 5423 < 8741$
 2. $3000 < 4500 < 8100 < 9200$
 C. 1. 1524 2. 1117 3. 1435 4. 7716
 D. 1. 187 2. 353 3. 1313 4. 1451
 E. 1. 0 2. $12 \times 50 = 600$ 3. 1 4. 3312
 F. 1. Q = 716, R = 3 2. Q = 716, R = 1
 3. Q = 2158, R = 2 4. Q = 647, R = 4
 G. 1.  2.  3.  4. 
 H. 1. Greatest – 6210, Smallest – 1026
 2. 7768 3. 2329 4. 9075 5. 69

Theme 6: Our Country and Culture

Ch-8: Fractions

Main Coursebook

I am ready





1. a.  b. 
 c.  d. 
2. a. $\frac{1}{4}$ b. $\frac{3}{4}$ c. $\frac{1}{2}$ d. $\frac{1}{4}$

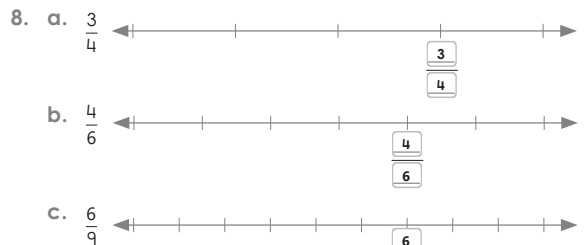
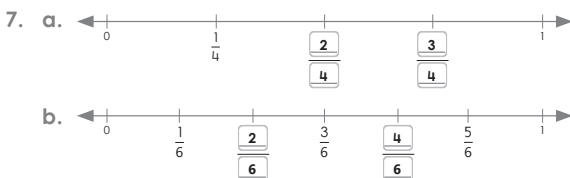
Icebreaker



In-text Question

1. 3 2. 20 3. Eight tenths

1. Numerator Denominator
- a. 6 9
 b. 3 8
 c. 4 5
 d. 5 11
 e. 12 20
 f. 2 27
2. a. $\frac{4}{6}$ b. $\frac{5}{7}$ c. $\frac{1}{5}$
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. $\frac{4}{10}$



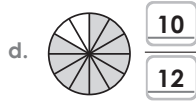
9. a. > b. < c. < d. >

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. $\frac{3}{12}, \frac{5}{12}, \frac{8}{12}, \frac{10}{12}, \frac{13}{12}$
 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. $\frac{1}{6} = \frac{2}{12}, \frac{3}{16}, \frac{4}{24}, \frac{5}{30}$
 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. $\frac{5}{10} = \frac{10}{20}, \frac{15}{30}, \frac{20}{40}, \frac{25}{50}$

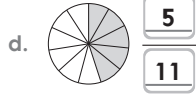
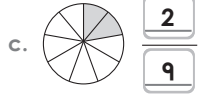
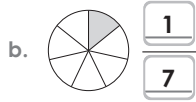
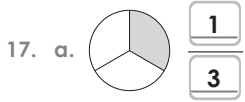
In-text Question

1. yes 2. yes 3. 7
14. a. 3 b. 2 c. 20 d. 11
 e. 16 f. 48

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



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



18. a. $\frac{2}{4}$ b. $\frac{1}{5}$ c. $\frac{2}{9}$



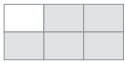

d. $\frac{7}{10}$ e. $\frac{2}{11}$

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

Mental Maths





- a. Numerator = 1, Denominator = 7
b. Numerator = 12, Denominator = 19
c. Numerator = 43, Denominator = 57
d. Numerator = 89, Denominator = 148
- a. $\frac{5}{10}$ b. $\frac{3}{5}$ c. $\frac{6}{15}$ d. $\frac{8}{11}$
- a. < b. > c. = d. <
- $\frac{13}{20}$

I am a learner

- a 2. b 3. c 4. d 5. C
1. \rightarrow c 2. \rightarrow d
3. \rightarrow a 4. \rightarrow b
1. $\frac{3}{5}$ 2. $\frac{6}{9}, \frac{8}{9}$ 3. $\frac{3}{8}, \frac{6}{8}$
1.  2. 
3.  4. 
- a. Numerator = 2, Denominator = 7
b. Numerator = 3, Denominator = 8
c. Numerator = 4, Denominator = 6
d. Numerator = 9, Denominator = 12
1. < 2. > 3. < 4. <
1. $\frac{9}{14}, \frac{10}{14}, \frac{11}{14}, \frac{12}{14}$ 2. $\frac{41}{49}, \frac{42}{49}, \frac{43}{49}, \frac{45}{49}$
1. $\frac{7}{8}, \frac{5}{8}, \frac{3}{8}, \frac{1}{8}$ 2. $\frac{41}{47}, \frac{33}{47}, \frac{23}{47}, \frac{19}{47}$

1. $\frac{4}{10}, \frac{6}{15}, \frac{8}{20}, \frac{10}{25}$ 2. $\frac{2}{8}, \frac{3}{12}, \frac{4}{16}, \frac{5}{20}$
- $\frac{12}{20}, \frac{18}{30}, \frac{24}{40}, \frac{30}{50}$ 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 |

1. $\frac{3}{7}$ 2. $\frac{5}{9}$ 3. $\frac{2}{5}$ 4. $\frac{5}{6}$
1. $\frac{4}{5}$ 2. $\frac{5}{8}$ 3. $\frac{3}{3}$ 4. $\frac{16}{27}$
5. $\frac{13}{17}$ 6. $\frac{8}{9}$
1. $\frac{3}{7}$ 2. $\frac{1}{17}$ 3. $\frac{4}{15}$ 4. $\frac{4}{13}$
5. $\frac{11}{20}$ 6. $\frac{1}{11}$
1. $\frac{20}{24}$ 2. 8 flowers

I am an artist

Do yourself

I am a doer

1 m

I am an all-rounder

A. English -

- one fourth - $\frac{2}{6}$ one fifth - $\frac{2}{5}$
 one eleventh - $\frac{2}{8}$ issue - $\frac{0}{5}$
 rescue - $\frac{0}{6}$

B. Science -

- ointment - $\frac{3}{8}$
 drainage - $\frac{4}{8}$
 bandage - $\frac{3}{7}$

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

Students' Worksheets

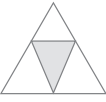




Worksheet 1

- 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 6. N - 12, D - 17

- 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. a
 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. $\frac{3}{7}$ 2. $\frac{3}{5}$ 3. $\frac{6}{9}$ 4. $\frac{5}{5}$ 5. $\frac{3}{7}$

B.

1. $\frac{2}{5}$  i. one third
 2. $\frac{1}{3}$  ii. two fifths
 3. $\frac{3}{4}$  iii. one half
 4. $\frac{1}{2}$  iv. one fourth
 5. $\frac{1}{4}$  v. three fourths

- C. 1. $\frac{1}{7}, \frac{4}{11}, \frac{5}{11}, \frac{6}{11}, \frac{9}{11}$ 2. $\frac{1}{9}, \frac{2}{9}, \frac{5}{9}, \frac{6}{9}, \frac{7}{9}$
 3. $\frac{7}{17}, \frac{9}{17}, \frac{11}{17}, \frac{12}{17}, \frac{15}{17}$ 4. $\frac{1}{6}, \frac{2}{6}, \frac{4}{6}, \frac{5}{6}, \frac{6}{6}$
 5. $\frac{3}{23}, \frac{7}{23}, \frac{10}{23}, \frac{12}{23}, \frac{22}{23}$

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

Theme 7: What Keeps Us Going

Ch-9: Money

Main Coursebook

I am ready

₹191

Icebreaker

Three 10-rupee notes, one 5-rupee note and one 1-rupee coin

In-text Question

1. One thousand 2. 50 3. ₹25
1. a. ₹260 – Two hundred sixty
b. ₹708 – Seven hundred eight
c. ₹752 – Seven hundred fifty-two
2. a. 500 p b. 1050 p c. 2365 p
d. 3340 p e. 4705 p f. 15620 p
g. 3688 p h. 4505 p
3. a. ₹3.70 b. ₹9.60 c. ₹10.75
d. ₹13.50 e. ₹8.40 f. ₹17.05
4. a. ₹31.20 b. ₹91.99 c. ₹132
d. ₹410.90 e. ₹195.23
5. b. ₹551.05 c. ₹966.74
6. a. ₹83.76 b. ₹73.24 c. ₹78.06
d. ₹164.57 e. ₹64.15 f. ₹22.50
7. b. ₹63.25 c. ₹29.50
8. b. ₹445.50, ₹54.50 c. ₹98.75, ₹211.25

In-text Question

1. ₹510 2. ₹600
9. a. ₹12.6 b. ₹183.60 c. ₹297.20
d. ₹35.80 e. ₹90.16 f. ₹260.05
10. b. ₹3080 c. ₹7882.50 d. ₹2156.40

Mental Maths

1. a. ii b. iii c. i
2. a. 163 – One hundred sixty-three
b. 240 – Two hundred forty

I am a learner

- A. 1. a b. d c. b d. b e. d

B.

| | Amount (Paise) | Amount (Rupees) | Total Amount in words |
|----|----------------|-----------------|--------------------------------|
| 1. | 120 p | ₹1.20 | One rupee twenty paise |
| 2. | 2140 p | ₹21.40 | Twenty one rupee forty paise |
| 3. | 408 p | ₹4.08 | Four rupee eight paise |
| 4. | 3050 p | ₹30.50 | Thirty rupees fifty paise |
| 5. | 8170 p | ₹81.70 | Eighty one rupee seventy paise |

- C. 1. 1020 p 2. 2240 p 3. 1200 p
4. 5400 p 5. 660 p 6. 1214 p
- D. 1. 2.31 2. 3.61 3. 31.20
4. 65.14 5. 71.66 6. 81.70
- E. 1. ₹652.56 2. ₹460.38 3. ₹490.29
4. ₹964.15 5. ₹938.38 6. ₹1222.60
- F. 1. ₹239.40 2. ₹147.61 3. ₹198.52
4. ₹510.22 5. ₹815.81 6. ₹645.21
- G. 1. ₹60.25 2. ₹428.20 3. ₹439.20
4. ₹56.70 5. ₹151.82
- H. 1. ₹49.95 2. ₹241.54 3. ₹349.36
4. ₹561.07 5. ₹601.50 6. ₹625.60
- I. 1. ₹106.20 2. ₹1022.25 3. ₹201
4. ₹1643.90

I am an artist

Try yourself

My Secret Journal

Try yourself

I am a thinker

₹310; due to less heat

I am an all-rounder

English – sensibly, hardly ; ₹70

Science – ₹82.50

Social Studies – ₹7656

Students' Worksheets

Worksheet 1

- A. 1. ₹15 2. ₹25 3. ₹36
4. ₹0.70 5. ₹0.85
- B. 1. ₹4 2. ₹3 3. ₹12
4. ₹14 5. ₹36
- C. 1. 300 p 2. 1025 p 3. 2420 p
4. 3370 p 5. 8575 p

Worksheet 2

- A. 1. ₹2.17 2. ₹15.28 3. ₹6.80
4. ₹29.90 5. ₹42.01
- B. 1. 650 p 2. 804 p 3. 1503

4. 1870 p 5. 2734 p
 C. 1. ₹3.56 2. ₹8.52 3. ₹45.30
 4. ₹57.20 5. ₹77.50

Worksheet 3

- A. 1. ₹20.19 2. ₹46.31 3. ₹23.15
 4. ₹98.45 5. ₹77.75
 B. 1. ₹23.93 2. ₹50.65 3. ₹75
 4. ₹198.23 5. ₹335.10
 C. 1. ₹81.86 2. ₹144.08 3. ₹30.49
 4. ₹506.15 5. ₹53.06

Worksheet 4

- A. 1. ₹306.51 2. ₹430.35 3. ₹175.30
 4. ₹233.45 5. ₹898.65
 B. 1. ₹904.20 2. ₹874.75 3. ₹223.30
 4. ₹279.26 5. ₹963.20
 C. 1. 49 2. 20 3. 72
 4. 30 5. 96

Teacher's Worksheets

Worksheet 1

- A. 1. d 2. b 3. c 4. a 5. c
 B. 1. 205 p 2. 1750 p 3. 6790 p
 C. 1. ₹60.55 2. ₹87.05 3. ₹225.50
 D. 1. ₹81.25 2. ₹49.75

Worksheet 2

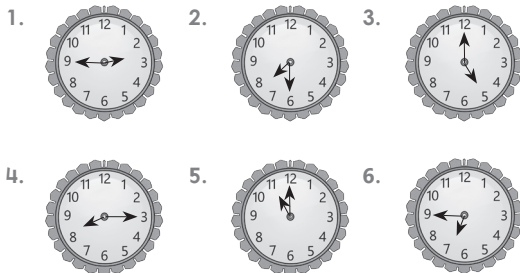
- A. 1. ₹2.17 2. ₹6.80 3. ₹42.01
 4. ₹20.19 5. ₹46.31
 B. 1. ₹111.50 2. ₹399.30 3. ₹529.30
 C. 1. ₹10.5 2. ₹12.5 3. ₹46.55
 D. 1. Book, ₹85.25 2. ₹150

Theme 7: What keeps Us Going

Ch-10: Time

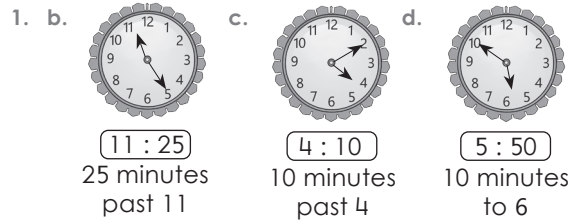
Main Coursebook

I am ready



Icebreaker

Accept all relevant responses



In-text Question

1. 20 minutes to 7 2. 10 minutes past 3
 3. 24 hours
 2. a. 5:00 a.m. b. 11:30 p.m. c. 1:15 p.m.
 3. 5:00 a.m. b. 1:00 a.m. c. 4:50 p.m.
 d. 3:00 p.m.
 4. Accept all relevant responses.

In-text Question

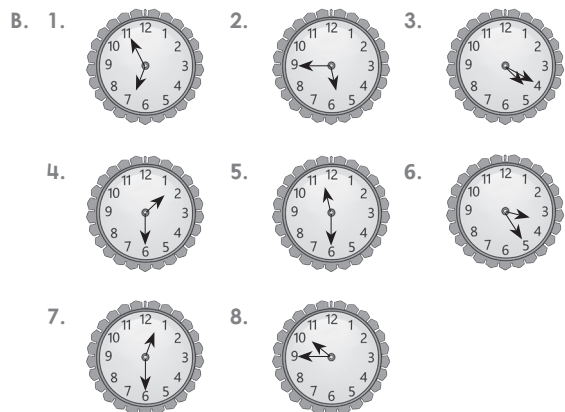
1. 365 days 2. October 3. 366
 5. a. 48 months b. 180 days c. 28 days
 d. 247 hours e. 1103 minutes
 f. 506 seconds

Mental Maths

1. b. 11:00 a.m.; 1:00 p.m.
 c. 12:00 p.m.; 4 p.m.
 d. 3:00 p.m.; 6:00 p.m.
 2. a. 31 days b. i. Wednesday ii. Thursday
 c. i. 4 days ii. 5 days

I am a learner

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



- C. 1. 5:00 p.m. 2. 2:45 a.m. 3. 6:00 a.m.
 4. 12:30 p.m.
 D. 1. 3:45 p.m. 2. 2:00 a.m. 3. 7:00 p.m.
 4. 4:00 p.m.
 E. 1. 31 days 2. Thursday 3. 5
 4. 16th October

5. Saturday; Monday

- F. 1. 36 months 2. 180 months
3. 144 months 4. 276 months
- G. 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: docket, daybook, program

Midnight: Zero hours, 12 o'clock at night

B. Science

600 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. c
- C. 1. 7:05; Seven past five
2. 5:15; 15 minutes past 5
3. 10:25; 25 minutes past 10
4. 10:45; 15 minutes to 11
5. 1:15; 15 minutes past 1

Worksheet 2

- A. 1. p.m. 2. p.m. 3. p.m. 4. a.m. 5. 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. 3:55; 5 minutes to 4
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.



2.



3.



4.



5.



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

Theme 8: Our Adventures Ch-11: Measurement

Main Coursebook

I am ready

- a. ml b. cm c. kg d. km

Icebreaker

Weighing balance, measuring beaker, inch tape

- 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

In-text Question

- 405 cm 2. 7000 m
- 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

In-text Question

- 2000 g 2. 6500 g
- 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

In-text Question

- 8200 ml 2. 3500 ml
- 1 l 200 ml 4. 6 l 723 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

- 1 l d. 164 l 356 ml
- 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

- a. 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 b. 42 c. 753 d. 861
2. a. 3 m b. 3 m 82 cm
c. 40 m 53 cm d. 24 m 71 cm
3. a. 8000 b. 2000 c. 6135 d. 3046
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 b. 3150 c. 5270 d. 7003
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
7. 81 l 206 ml 8. 78 l 325 ml
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. 15 kg 180 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. 100 2. 7 l 500 ml
3. 3 l 500 ml 4. 5

I am an all-rounder

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

Students' Worksheets

Worksheet 1

- A. 1. c 2. c 3. d 4. d 5. c
B. 1. false 2. false 3. false
4. true 5. false
C. 1. 1; 100 2. 1000; 7000 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. true 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
C. 1. 2 km 718 m 2. 7 kg 350 g 3. 2 km 525 m
4. 1 l 58 ml 5. 6 g 841 mg

Teacher's Worksheets

Worksheet 1

- A. 1. 6000 2. 1872 3. 3752
4. 50 5. 1, 425 6. 31828
B. 1. 13 m 81 cm 2. 63 km 012 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 004 m
5. 29 l 784 ml
D. 1. 16 kg 250 g 2. 7 kg 600 g

Worksheet 2

- A. 1. 4210 2. 6 3. 148
4. 1, 144 5. 92,00,000 6. 2, 548
B. 1. 130 m 69 cm 2. 696 km 441 m
3. 533 kg 812 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 35 m
5. 229 l 937 ml.
D. 1. 13 m 25 cm 2. 16 l 750 ml

Theme 9: We Keep Clean, Safe and Healthy

Ch-12: Data Handling

Main Coursebook

I am ready

- a. 12 masks b. Rohit
c. Garvesh d. 12 masks

Icebreaker






Accept all relevant responses.


In-text Question

- Information given in a list is called data.
- Accept all relevant responses.
- Pictures that are used as symbols in place of numbers are keys.

1.

Kinds of wastes in the dustbin of a colony

| | |
|-----------------------|---|
| Plastic bottles |  |
| Fruits and vegetables |  |
| Polythene bags |  |
| Paper bags |  |
| Metal |  |

Each  stands for 5 pieces.

- Pictograph is showing the kind of waste thrown in the dustbin of a colony.
- Fruits and vegetables
- Metal

1.

| Fruit | Tally marks | Number of children |
|--------|-------------|--------------------|
| Orange | | 7 |
| Apple | | 5 |
| Banana | | 6 |
| Grapes | | 7 |

- a. Orange and grapes b. Apple
c. 7 d. 11 e. Orange







Mental Maths

| Type of tree | Tally marks | Type of tree | Tally marks |
|--------------|-------------|--------------|-------------|
| Neem | 8 | Peepal | 4 |
| Ashoka | 4 | Mango | 4 |

I am a learner

- A. 1. b. 2. d. 3. c. 4. b. 5. b.
B. 1. 21 2. Pulses 3. 30
4. Bread 5. 82
C. 1. 32 2. 32 3. tennis
4. 48 5. 16

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 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

- A. 1. 5 2. 8 3. 22 4. 7 5. 3
B. 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 | |

Worksheet 2

A.

| Day | Number of books sold | 1 😊 = 4 books |
|--------------|----------------------|---------------|
| 1. Monday | 16 | 😊😊😊😊 |
| 2. Tuesday | 18 | 😊😊😊😊😊😊 |
| 3. Wednesday | 12 | 😊😊😊 |
| 4. Thursday | 22 | 😊😊😊😊😊😊😊😊 |
| 5. Friday | 20 | 😊😊😊😊😊😊😊😊 |

B.

| Object | Number | Tally marks |
|--------------|--------|-------------|
| 1. Pencil | 5 | |
| 2. Eraser | 6 | |
| 3. Sharpener | 4 | |
| 4. Pen | 8 | |
| 5. Book | 7 | |

C.

| Day | Number of trees planted | 1 😊 = 10 trees |
|--------------|-------------------------|----------------|
| 1. Monday | 20 | 😊😊 |
| 2. Tuesday | 30 | 😊😊😊 |
| 3. Wednesday | 25 | 😊😊😊😊 |
| 4. Thursday | 35 | 😊😊😊😊😊 |
| 5. Friday | 50 | 😊😊😊😊😊😊 |

Worksheet 3

A. 1. 7 2. 11 3. 3 4. 30 5. 9

B.

| Day | Number of trees planted | 1 ☆ = 4 trees |
|-----------|-------------------------|--------------------|
| 1. Week 1 | 25 | ☆☆☆☆☆ |
| 2. Week 2 | 40 | ☆☆☆☆☆☆☆☆ |
| 3. Week 3 | 35 | ☆☆☆☆☆☆☆☆ |
| 4. Week 4 | 60 | ☆☆☆☆☆☆☆☆☆☆ ☆☆☆☆ |
| 5. Week 5 | 55 | ☆☆☆☆☆☆☆☆☆☆ ☆☆ |

C.

| Favourite sport of class 3 | | |
|----------------------------|-------------|--------------------|
| Name of the sport | Tally marks | Number of students |
| Hockey | | 10 |
| Cricket | | 12 |
| Tennis | | 20 |
| Football | | 8 |
| Total = | | 50 |

Worksheet 4

A. 1. true 2. false 3. false 4. true 5. false

B. 1. 18 2. 30 3. 12 4. 42

5. 24 6. 24

C.

| Size of shoes | Tally marks | Number of persons |
|---------------|-------------|-------------------|
| 5 | | 7 |
| 6 | | 10 |
| 7 | | 12 |
| 8 | | 5 |
| 9 | | 4 |

Teacher's Worksheets

Worksheet 1

A. 1. Green 2. Yellow 3. 15 students

| Colours | Tally marks | Total |
|---------|-------------|-------|
| Red | | 10 |
| Orange | | 6 |
| Yellow | | 5 |
| Green | | 15 |
| Blue | | 9 |

B. 1. July 2. March 3. 30 toys

Worksheet 2

A. 1. Football 2. Table tennis

3. 35 students 4. 100

B.

| | Event | Number of students | Tally marks |
|----|---------|--------------------|-------------|
| 1. | Drama | 7 | |
| 2. | Race | 5 | |
| 3. | Dance | 9 | |
| 4. | Singing | 8 | |
| 5. | Karate | 4 | |

Enrichment Activities

A. Do yourself.

B. ₹462

C. Mark yourself on calendar.

D.

| Flowers | Tally marks | Number of flowers |
|---------------|-------------|-------------------|
| Yellow tulips | | 10 |
| Red tulips | | 7 |
| Pink tulips | | 9 |

1. Yellow tulips 2. Red tulips 3. 26 tulips

Revision Worksheets

A. 1. $\frac{4}{8}$ 2. $\frac{3}{6}$ 3. $\frac{3}{8}$
4. $\frac{3}{6}$ 5. $\frac{3}{4}$ 6. $\frac{1}{4}$

- B. 1. ₹1.6 2. ₹4.5 3. ₹8.75
4. ₹11.50 5. ₹67.75 6. ₹19.05
- C. 1. ₹6.19 2. ₹63.20 3. ₹30 4. ₹68.25
- D. 1. 5:00, five o'clock 2. 7:15, quarter past 7
3. 4:05, five minutes past 4
4. 8:30, half past 8
5. 10:25, twenty-five minutes past 10
6. 2:55, 5 minutes to 3
- E. 1. 60 months 2. 240 days 3. 49 days
4. 380 seconds 5. 297 hours
- F. 1. 400 2. 12,000 3. 204
4. 7000 5. 6800 6. 3000
- G. Accept all relevant responses.