

14. a. 5,000 b. 25,000 c. 79,000
 d. 54,000 e. 7,92,000 f. 3,05,000
 15. a. XI b. LXXVIII c. CXLVI
 d. CCVII e. CCCXLV f. DLXXXIX
 16. a. 14 b. 93 c. 84 d. 255
 e. 311 f. 461

Solving better

1. a. 10 b. 20,00,006 c. 1,00,00,000
 d. 9,76,700; 9,77,000
 e. 410 f. 5 ten thousand

Learning better

- A. 1. B 2. B 3. C 4. A 5. A
 B. 1. 3,47,790 7,000
 2. 964,815 900,000
 3. 6,00,488 8
 4. 733,901 30,000
 5. 2,426,571 500
 C. $93,40,374 < 2,74,34,837 < 4,93,77,344 < 8,67,47,545$
 D. 1. $83,72,881 > 78,27,321 > 73,23,882 > 67,32,901$
 2. $5,94,59,344 > 3,04,84,038 > 84,04,347 > 78,49,394$
 3. $8,63,63,836 > 4,67,73,263 > 3,65,28,384 > 2,57,87,763$

F.

	Number	Nearest 10	Nearest 100	Nearest 1000
1.	35,82,917	35,82,920	35,82,900	35,83,000
2.	34,58,789	34,58,790	34,58,800	34,59,000
3.	43,67,361	43,67,360	43,67,400	43,67,000
4.	2,33,67,433	2,33,67,430	2,33,67,400	2,33,67,000
5.	8,92,53,549	8,92,53,550	8,92,53,500	8,92,54,000

- G. 1. LXXXVII; 87 2. CXCIII; 193
 3. CX; 110 4. XLI; 41
 5. DCCCLXXX; 880 6. LXVI; 66

Thinking better

43168

Choosing better

- Politely ask the students to move to the play area so the flowers are not damaged. ☒

Students' Worksheets

Worksheet 1

- A. 1. 94,219,071 – Ninety-four million two hundred nineteen thousand seventy-one
 2. 82,350,925 – Eighty-two million three hundred fifty thousand nine hundred twenty-five
 3. 39,232,510 – Thirty-nine million two hundred thirty-two thousand five hundred ten
 4. 55,527,993 – Fifty-five million five hundred twenty-seven thousand nine hundred ninety-three

5. 14,705,234 – Fourteen million seven hundred five thousand two hundred thirty-four

- B. 1. 100 2. 98,500 3. 0 hundred
 4. 2,00,034 5. 75,00,00,403
 C. 1. LXXII 2. CXVII 3. CCXXXVIII
 4. DXIV 5. CML

Worksheet 2

- A. 1. Twenty-four lakh thirty-two thousand eight hundred seventy-five
 2. Sixty-seven lakh ninety-nine thousand eight hundred eighty-five
 3. Four crore fifty-nine lakh seventy-five thousand eight hundred thirty
 4. Five crore thirty-one lakh twenty-seven thousand five hundred twenty-six
 5. Seventy-four crore four lakh eight hundred twelve

greatest

- B. 1. 88,88,750
 2. 99,99,999
 3. 77,77,777
 4. 88,88,888
 5. 99,99,999

smallest

- 50,00,078
 11,11,111
 22,22,222
 40,00,000
 11,11,111

nearest 10

- C. 1. 4,140
 2. 21,540
 3. 7,00,170
 4. 92,65,790
 5. 1,37,22,510

nearest 100

- 4,100
 21,500
 7,00,200
 92,65,800
 1,37,22,500

Worksheet 3

- A. 1. Ninety-nine million eight hundred one thousand three hundred sixty-seven
 2. Seventy-six million thirty-one thousand six hundred fifty-four
 3. Thirty-eight million two hundred thirteen thousand eight hundred seventy-nine
 4. Six hundred sixty-eight million seven hundred ninety-five thousand thirty-five
 5. Two hundred eighty-five million six hundred twenty-two thousand one hundred thirteen
 B. 1. 70,028 2. 6,700,005 3. 20,07,015
 4. 81,70,004 5. 6,09,40,010
 C. 1. 458 2. 84 3. 312 4. 92 5. 265

Book of Holistic Teaching

English

- A. Ascending - smallest to the biggest
 B. Descending - biggest to smallest
 C. Predecessor - just before
 D. Successor - just after

Science: Granite

Social Studies: Mountains

Book of Project Ideas ◀

Making better

Accept all the relevant responses.

Theme 1: Why Do We Need Land?

Lesson-2: Operations with Large Numbers

Main Coursebook

Kingesthetic

Accept all the relevant responses.

Auditory

2250

Pictorial

the smallest 3-digit number = 203

the largest 2-digit number = 97

$$\text{Sum} = 203 + 97 = 300$$
$$\text{Difference} = 203 - 97 = 106$$

Interacting better

Accept all the relevant responses.

- a. 38,56,535 b. 61,82,135 c. 77,29,572
- a. 64,45,221 b. 47,12,551 c. 81,90,719
- Greatest 7 - digit number = 9999999

Smallest 7 - digit number = 1000000

Sum = 100000000

Difference = 8999999

Understanding better (page no 21)

1. No
2. No
4. a. 2,23,43,234
c. 1,42,77,001
5. a. 2,38,67,368
c. 7,83,99,204
6. a. Q = 23,125 R = 15
c. Q = 41,546 R = 59
7. a. 8,30,650
b. 45,110
8. a. 41,15,995
b. 4,88,69,514
c. 236
d. 35,06,305
e. 61,26,325

Understanding better (page no 25)

1. 100 2. 125

Solving better

- a. > b. = c. = d. <
e. < f. <

Learning better

- A. 1. B 2. B 3. A 4. B 5. D
B. 1. True 2. False 3. True 4. False 5. False
C. 1. 1,65,53,779 2. 7,61,06,356
3. 6,82,087 4. 92,52,181
5. 9,79,75,455 6. 2,12,040
D. 1. 29,72,88,324 2. 12,18,76,887
3. 25,66,63,890

- E. 1. Q = 2,30,912; R = 15
2. Q = 7,69,171; R = 81
3. Q = 1,20,448; R = 202
- F. 1. 4,35,28,002 2. 6,79,41,205
3. 7,52,50,116 4. 7,486
5. 5,47,259
- G. 1. 21 2. 11 3. 20

Thinking better

20 and 10

Choosing better

- It helps reduce pollution and conserves natural resources.

Students' Worksheets

Worksheet 1

- A. 1. $\rightarrow c$ 2. $\rightarrow e$ 3. $\rightarrow b$ 4. $\rightarrow a$ 5. $\rightarrow d$
 B. 1. 7,78,05,251 2. 90,05,29,252
 3. 47,13,23,680 4. 68,58,94,455
 5. 22,98,01,534
 C. 1. 0 2. 58,65,42,300
 3. 8,23,59,621 4. 1 5. 3,43,86,008

Worksheet 2

- A. 1. Subtrahend 2. successor 3. Multiplier
4. Division 5. Predecessor
- B. 1. 6,69,67,092 2. 7,54,81,568
3. 53,67,86,386 4. 88,61,80,767
5. 44,45,29,213 6. 29,12,01,881
- C. 1. True 2. False 3. False 4. False 5. False

Worksheet 3

- A. 1. 0 2. 1 3. 13,77,895
4. 1 5. 81,49,22,897
- B. 1. 45,67,98,033 2. 42,22,66,095
3. 94,12,501 4. 22,34,25,332
5. 26,395

C.	$\div$	34,41,084	2,14,92,625	9,25,75,570	1,70,36,239
1.	6	Q = 5,73,514; R = 0	Q = 35,82,104; R = 1	Q = 1,54,29,261; R = 4	Q = 28,39,373; R = 1
2.	25	Q = 137,643; R = 9	Q = 8,59,705; R = 0	Q = 37,03,022; R = 20	Q = 6,81,449; R = 14
3.	34	Q = 1,01,208; R = 12	Q = 6,32,136; R = 1	Q = 27,22,810; R = 30	Q = 5,01,065; R = 29
4.	50	Q = 68,821; R = 34	Q = 4,29,852; R = 25	Q = 18,51,511; R = 20	Q = 3,40,724; R = 39
5.	87	Q = 39,552; R = 60	Q = 2,47,041; R = 48	Q = 10,64,087; R = 1	Q = 1,95,818; R = 73

Book of Holistic Teaching

English

1. Naveen learns tables every day.
2. I love to solve multiplication word problems.

Science

Heat energy

Social Science

1. Equator
2. South pole
3. Antarctic Circle

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 2: What Helps Us Survive

Lesson-3: HCF and LCM

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

21

Pictorial

1. 3×4
12 - 1, 2, 3, 4, 6, 12
2. 2×6
12 - 1, 2, 3, 4, 6, 12

Interacting better

Accept all the relevant responses.

Understanding better (page no - 33)

1. no 2. yes 3. no
1. a. 1, 3, 5, 15
b. 1, 2, 3, 5, 6, 10, 15, 30
c. 1, 2, 4, 5, 8, 10, 20, 40
d. 1, 5, 11, 55
e. 1, 2, 4, 5, 10, 20, 25, 50, 100
f. 1, 5, 25, 125
2. a. 6, 12, 18, 24, 30 b. 12, 24, 36, 48, 60
c. 15, 30, 45, 60, 75 d. 17, 34, 51, 68, 85
e. 25, 50, 75, 100, 125 f. 30, 60, 90, 120, 150
- 3.

Number	2	3	4	5	6	8	9	10	11	12	15
2,625	x	✓	x	✓	x	x	x	x	x	x	✓
2,121	x	✓	x	x	x	x	x	x	x	x	x
18,018	✓	✓	x	x	✓	x	✓	x	✓	x	x
36,000	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
1,00,406	✓	x	x	x	x	x	x	x	x	x	x

Understanding better (page no - 34)

1. no 2. yes
4. a. false b. false c. true
d. true
5. 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97
6. 29, 31 and 71, 73 are twin primes.

Understanding better (page no - 35)

1. no
2. no
3. no
7. a. 2×31 b. 7×13
c. $2 \times 2 \times 3 \times 3 \times 3$ d. $2 \times 2 \times 2 \times 2 \times 3 \times 3$
e. 13×13
8. a. $2 \times 2 \times 2 \times 2 \times 3$ b. $3 \times 3 \times 7$
c. 3×29 d. $2 \times 2 \times 2 \times 3 \times 5$
e. $2 \times 2 \times 47$
9. a. 13 b. 18 c. 1 d. 8
10. a. 7 b. 21 c. 5 d. 25
11. a. 56 b. 60 c. 36 d. 192
12. a. 225 b. 63 c. 6930 d. 2160
13. a. 15 b. 300 c. 20 d. 6

Solving better

- a. HCF - 1
LCN - 6
Product of numbers - 6
Product of HCF and LCM - 6
- b. HCF - 1
LCM - 35
Product of the numbers - 35
Product of HCF and LCM - 35
- c. HCF - 2
LCM - 60
Product of numbers - 120
Product of HCF and LCM - 120
- d. HCF - 5
LCM - 60
Product of numbers - 300
Product of HCF and LCM - 300
- e. HCF - 5
LCM - 150
Product of numbers - 750
Product of HCF and LCM - 750

Learning better

- A. 1. b 2. c 3. d 4. d 5. d
- B. 1. 1, 2, 5 and 10 2. 1, 6 and 12
3. 3 4. 20
5. 1 and 5
- C. 1. 5 2. 7 3. 6 4. 7
5. 5 6. 48
- D. 1. 5 2. 12

Thinking better

106

Choosing better

- Inform her parents about the warning. ☒

Students' Worksheets

Worksheet 1

- A. 1. false 2. true 3. true 4. false 5. false
- B. 1. 1, 3, 5, 15 2. 1, 5, 25

3. 1, 2, 3, 5, 6, 15, 30 4. 1, 3, 17, 51
 5. 1, 5, 13, 65
 C. 1. 16, 24, 32, 40, 48 2. 24, 36, 48, 60, 72
 3. 30, 45, 60, 75, 90 4. 50, 100, 150, 200
 5. 70, 140, 280, 210

Worksheet 2

- A. 1. true 2. true 3. true 4. true 5. false
 B. 1. itself 2. 1 3. 1 4. 1 5. odd
 C. 1. 2, 3, 5 2. 19, 38, 57
 3. 7, 21, 35, 49, 63 4. 11, 31, 41, 61, 71
 5. 5, 15

Worksheet 3

- A. 1. even 2. 3, 5 3. 2, 3
 4. factor 5. 0, 10
 B. 1. Numbers with only two factors – 1 and the number itself, are called prime numbers.
 2. Two numbers that have only 1 as a common factor are called co-prime numbers or co-primes.
 3. Numbers with three or more factors are called composite numbers.
 4. 1
 5. multiply it by 1, 2, 3, and so on.
 C. 1. $2 \times 2 \times 2 \times 3$ 2. $2 \times 3 \times 5$
 3. 5×7 4. $3 \times 3 \times 5$
 5. $2 \times 2 \times 2 \times 2 \times 5$ 6. $2 \times 2 \times 2 \times 2 \times 2 \times 3$

Book of Holistic Teaching

- A. match, match,
 B. 1. Houses built with bricks and stones:
 - Found in hot or cold climates for insulation
 C. Cyclones are strong storms with heavy winds and rain. Severe ones can damage infrastructure and disrupt daily life, as Cyclone Amphan in 2020 showed.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 3: Different Yet Alike

Lesson-4: Fractions

Main Coursebook

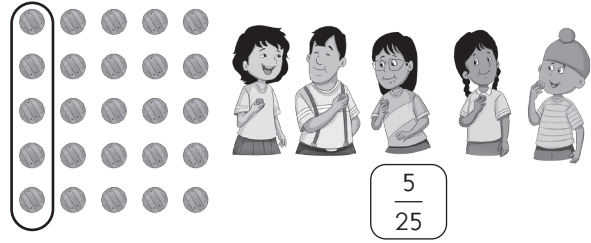
Kinaesthetic

Accept all the relevant responses.

Auditory

$$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$$

Pictorial



Interacting better

Accept all the relevant responses

Understanding better (page no - 46)

1. no
 2. yes
 1. b. 1 c. 6 d. 2
 2. a, c, d
 3. a. $\frac{5}{6}$ b. $\frac{1}{3}$ c. $\frac{8}{5}$ d. $\frac{11}{13}$
 e. $\frac{28}{65}$
 4. a. $\frac{2}{7}$ b. $\frac{3}{5}$ c. $\frac{1}{3}$ d. $\frac{5}{2}$ e. $\frac{2}{5}$
 5. a. < b. > c. < d. <
 6. a. $\frac{4}{15} < \frac{4}{13} < \frac{4}{11} < \frac{4}{9}$ b. $\frac{1}{2} < \frac{6}{11} < \frac{2}{3} < \frac{4}{5}$
 c. $\frac{6}{10} < \frac{4}{6} < \frac{4}{5} < \frac{6}{7}$
 7. a. $\frac{8}{5} < \frac{8}{7} < \frac{8}{10} < \frac{8}{11}$ b. $\frac{5}{4} < \frac{6}{5} < \frac{12}{20} < \frac{1}{2}$
 c. $\frac{14}{14} < \frac{11}{14} < \frac{17}{28} < \frac{4}{7}$

Understanding better (page no - 49)

1. $\frac{5}{6}, \frac{4}{6}$ 2. $\frac{3}{12}, \frac{4}{12}$
 8. a. $\frac{11}{9}$ b. $\frac{67}{40}$ c. $\frac{83}{12}$ d. $\frac{91}{18}$
 9. a. $\frac{9}{10}$ km b. $\frac{18}{20}$ km c. $\frac{239}{54}$ km
 10. a. $\frac{11}{19}$ b. $\frac{1}{42}$ c. $\frac{7}{3}$ d. $8\left(\frac{74}{80}\right)$
 11. a. $\frac{4}{35}$ b. $14\left(\frac{1}{4}\right)$ c. 66

Understanding better (page no - 52)

1. $\frac{7}{4}$ 2. $\frac{22}{7}$
12. a. $\frac{2}{3}$ b. $\frac{3}{2}$ c. $\frac{7}{2}$ d. $\frac{1}{2}$ e. $\frac{72}{25}$
13. a. $20\left(\frac{4}{7}\right)$ b. 630 c. $8\left(\frac{3}{4}\right)$
14. a. $\frac{1}{6}$ b. $\frac{5}{2}$ c. $\frac{8}{7}$ d. $\frac{10}{9}$ e. $\frac{31}{29}$
15. a. 20 b. $\frac{27}{32}$ c. $\frac{3}{35}$ d. $\frac{1}{4}$ e. $\frac{27}{4}$

Understanding better (page no - 54)

1. $\frac{1}{25}$ 2. $\frac{8}{9}$
16. a. 14 b. 50 c. $\frac{52}{4}$

Solving better

1. a. $\frac{30}{45}$ b. $\frac{48}{72}$ c. $\frac{54}{81}$ d. $\frac{60}{90}$
2. a. $9\left(\frac{10}{63}\right)$ b. $3\left(\frac{5}{12}\right)$ c. $\frac{1}{10}$ d. $15\left(\frac{7}{12}\right)$

Learning better

- A. 1. d 2. b 3. a 4. c 5. a
- B. 1. c 2. d 3. a 4. e 5. b
- C. 1. $\frac{3}{4}$ 2. $\frac{3}{4}$ 3. $\frac{14}{15}$ 4. $\frac{29}{48}$ 5. $\frac{609}{1000}$
- D. 1. < 2. > 3. > 4. <
- E. 1. $\frac{7}{28} < \frac{7}{25} < \frac{7}{20} < \frac{7}{18}$ 2. $\frac{1}{3} < \frac{3}{6} < \frac{14}{24} < \frac{8}{12}$
3. $\frac{10}{20} < \frac{3}{5} < \frac{7}{10} < \frac{4}{5}$
- F. 1. $\frac{52}{60}$ 2. $4\frac{19}{35}$ 3. $\frac{10}{36}$ 4. $1\frac{7}{25}$
5. 14 6. $\frac{1}{8}$ 7. $\frac{1}{12}$ 8. $\frac{44}{9}$
- G. 1. $7\left(\frac{6}{20}\right)$ 2. $\frac{1}{40}$ 3. 68 m 4. 7

Thinking better

Accept all the relevant responses.

Choosing better

- Talk to them and ask if they want to play or talk



Students' Worksheets

Worksheet 1

- A. 1. $\frac{1}{7}$ 2. $\frac{5}{7}$ 3. $\frac{30}{50}$
4. Inverse 5. Unit
- B. 1. 5, 3, $\frac{2}{5}$ 2. 6, 2, $\frac{2}{6}$ 3. 6, 3, $\frac{3}{6}$
4. 3, 1, $\frac{2}{6}$ 5. 9, 4, $\frac{4}{9}$
- C. 1. > 2. > 3. < 4. < 5. >
6. >

Worksheet 2

- a. 1. c 2. d 3. a 4. b 5. e
- B. 1. $\frac{6}{17}$ 2. $\frac{7}{15}$ 3. $\frac{8}{9}$ 4. $\frac{4}{5}$
5. $\frac{56}{85}$ 6. $\frac{31}{42}$
- C. 1. $\frac{8}{24}, \frac{14}{42}, \frac{18}{54}, \frac{22}{66}, \frac{30}{90}$
2. $\frac{20}{32}, \frac{35}{56}, \frac{45}{72}, \frac{55}{88}, \frac{75}{120}$
3. $\frac{4}{28}, \frac{7}{49}, \frac{9}{63}, \frac{11}{77}, \frac{15}{105}$
4. $\frac{16}{52}, \frac{28}{91}, \frac{36}{117}, \frac{44}{143}, \frac{60}{195}$
5. $\frac{64}{36}, \frac{112}{63}, \frac{144}{81}, \frac{176}{99}, \frac{240}{135}$

Worksheet 3

- A. 1. b 2. a 3. e 4. d
5. b
- B. 1. $\frac{48}{64}$ 2. $\frac{48}{84}$ 3. $\frac{48}{78}$ 4. $\frac{48}{21}$
5. $\frac{48}{50}$ 6. $\frac{48}{69}$
- C. 1. $\frac{6}{3}$ 2. $\frac{8}{5}$ 3. $\frac{7}{1}$ 4. $\frac{9}{8}$ 5. $\frac{11}{10}$

Book of Holistic Teaching

- A. 1. Fractions where the numerator is lesser than the denominator are called proper fractions.
2. Fractions where the numerator is more than or equal to the denominator are called improper fractions.
- B. Two aquatic animals that breathe through their gills are fish and shrimp.
- C. The predominant landform in Saudi Arabia is the desert, particularly the Rub' al Khali or Empty Quarter, which is the largest continuous sand desert in the world.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 3: Different Yet Alike Lesson-5: Decimal

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

- 0.25.
- "Zero point two five"

Pictorial

doll - Rs. 154.50, 15450/100, four tenth
ball - Rs. 176.50, 17650/100, five tenth
pencil - Rs. 7.50, 750/100, five tenth
teddy bear - Rs. 802.50, 8050/100, five tenth

Interacting better

Accept all the relevant responses.

- a. 0.03 b. 10.052
- a. 3.6, 3.7, 3.8 b. 15.11, 15.12, 15.13
- a. 0.5 b. 3.8 c. 3.67 d. 4.691
e. 8.485

UNDERSTANDING BETTER (PAGE NO - 63)

- 0.099
- two
- a. $\frac{38}{10}$ b. $\frac{453}{100}$ c. $\frac{7}{100}$ d. $\frac{93402}{100}$
e. $\frac{1}{1000}$ f. $\frac{88712}{1000}$
- a. $5 + 0.4$; $5 + \frac{4}{10}$
b. $60 + 7 + 0.9$; $60 + 7 + \frac{9}{10}$

c. $50 + 1 + 0.6 + 0.02$; $50 + 1 + \frac{6}{10} + \frac{239}{100}$

d. $300 + 20 + 1 + 0 + 0.07$;

$$300 + 20 + 1 + 0 + \frac{7}{100}$$

e. $2 + 0 + 0 + 0.005$; $2 + 0 + 0 + \frac{5}{1000}$

e. $70 + 3 + 0.4 + 0.05 + 0$;

$$70 + 3 + \frac{4}{10} + \frac{5}{100} + 0$$

- a. 78.058 b. 67.03 c. 0.809
- a. 0.20, 0.200 b. 82.600, 82.6000
c. 41.20, 41.200 d. 7.0, 7.00
e. 68.1050, 68.10500
- a. 6.30; 6.16
b. 7.530; 13.400; 313.086
c. 5.900; 32.170; 80.045
- a. > b. < c. > d. =

Understanding better (page no - 65)

- No
- 5.607
- a. 5.798 b. 14.329 c. 44.184
d. 92.140
- a. 694.50
- a. 937.125 b. 3.946 c. 19.186
d. 43.24
- 1.13 km
- a. 17 b. 206.5 c. 316.44
d. 449.19 e. 2,307.026
- a. 10.82 b. 14.47 c. 336.63
d. 377.52
- a. Rs. 6.515 b. 2.55 kg
- a. 27.4 b. 873.9 c. 4390
- a. 10 b. 100 c. 1000

Solving better

- a. 21 b. 5.58 c. 4.5724
d. 0.1264
- a. 35.175 b. 100 c. 2.1375
d. 1000

Learning better

- b 2. a 3. b 4. a 5. b
1. 2450.0 2. 91.3 3. 100
4. 0.014 5. 1.732 6. 41.250
1. 4.723, 2.320, 24.070, 56.200
2. 91.880, 124.167, 935.120, 21.293
3. 62.900, 430.350, 216.915, 122.330
1. 132.018 2. 294.236 3. 5131.558
1. 160.135 2. 7.073 3. 369.244
1. 837.52 2. 134.406 3. 0.224
4. 2.531 5. 1070 6. 66276.11

Thinking better

0.8	1.1	1.1
1.8	0.5	0.7
0.4	1.4	1.2

Choosing better

- Everyone is special in their own way and we all have different talents.



Students' Worksheets

Worksheet 1

A. 1. $\frac{5}{18}, \frac{7}{18}$ 2. $\frac{3}{8}, \frac{5}{3}$ 3. $\frac{14}{20}, \frac{28}{40}$

4. $80.00 + 4.54, 40.04 + 44.50$
5. 543.61

B.

1.	0.93	0.093	0.0093
2.	8.56	0.856	0.0856
3.	9.8717	0.9877	0.09877
4.	30.894	3.0894	0.30894
5.	6.2331	0.62331	0.06233

- C. 1. 0.046 2. Zero point zero four six
3. 0.640 4. $0.640 - 0.046 = 0.594$

Worksheet 2

- A. 1. T 2. T 3. T 4. F 5. F
B.

1.	99	990	9900
2.	315	3150	31500
3.	677.0	6770	67700
4.	9888.1	98810	988100
5.	7663.75	7663.75	76637.5

- C. 1. 3.90, 3.900 2. 20.20, 20.200
3. 19.40, 19.400 4. 45.30, 45.300
5. 364.20, 364.200

Worksheet 3

- A. 1. 893.2 2. 4.5 3. 2 4. 436.7
5. 13

- B. 1. Sixty point three five

2. $\frac{6035}{100}$ 3. 18 4. 60.350 5. 0.35

- C. 1. 7.8 2. 19.6 3. 4.58
4. 9.243 5. 14.89 6. 25.073

Book of Holistic Teaching

- A. thirst

cotyledons

B.



- C. In Greenland, winter lasts for about 7 to 8 months, with cold temperatures and snow covering much of the island.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 4: Living With Changes Lesson-6: Percentage

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

1. 3
2. 2
3. 3

Pictorial

1. $10/100; 0.1$
2. $13/100; 0.13$
3. $38/100; 0.38$
4. $31/100; 0.31$

Interacting better

Accept all the relevant responses

Understanding better (Page no - 75)

1. yes
2. yes
1. a. 48% b. 259% c. 68% d. 25%
e. 735%
2. a. $\frac{28}{100}$ b. $\frac{74}{100}$ c. $\frac{99}{100}$ d. $\frac{167}{100}$
e. $\frac{218}{100}$
3. a. 570% b. 2460% c. 6821%
d. 15312% e. 438660%
4. a. 0.54 b. 0.82 c. 1.43
d. 2.66 e. 3.85
5. a. 3.85% b. 4% c. 2%
d. 44%
6. 80%
7. 40%
8. 66%

Solving better

$\frac{15}{2} - 750\%$

$$\frac{1}{4} - 25\%$$

$$\frac{36}{180} - 20\%$$

$$0.56 - 56\%$$

$$\frac{392}{500} - 78.4\%$$

$$1.41 - 141\%$$

Learning better

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

B. $\frac{1}{10} - 0.1, 10\%$

$$\frac{45}{10} - 0.45, 45\%$$

$$\frac{65}{100} - 0.65, 65\%$$

$$\frac{82}{100} - 0.82, 82\%$$

$$\frac{256}{100} - 2.56, 256\%$$

$$\frac{7}{20} - 0.35, 35\%$$

- C. 1. 168 2. 232 3. $\frac{59}{100}$ 4. 2356%

5. 1008 6. 4.38

- D. a. 500 marks b. 108 pages
c. 40% d. 30.8 l

Thinking better

100

Choosing better

- Putting on rain gear and finding enjoyable activities to do in the rain.



Students' Worksheets

Worksheet 1

- A. 1. Percentum 2. % 3. $\frac{90}{100}$
4. 0.78 5. 100
B. 1. 150% 2. 2140% 3. 6734%
4. 16537% 5. 31756.8% 6. 63488%
C. 1. 23% 2. 67% 3. 145%
4. 80% 5. 325%
D. 1

Worksheet 2

- A. 1. 44 2. 105.6 3. 270 4. 366
5. 1250 6. 3375

- B. 1. 0.22 2. 0.96 3. 1.89 4. 0.0592

5. 0.7642 6. 0.893

- C. 1. 115% 2. 318% 3. 24% 4. 62%

5. 470% 6. 925%

- D. 2

- E. 3

Worksheet 3

- A. 1. 27% 2. 56% 3. 82% 4. 97%

5. 89%

- B. 1. 2.04% 2. 2% 3. 4% 4. 5%

5. 2% 6. 25%

- C. 4

- D. 4

Book of Holistic Teaching

- A. 1. What is the word "per cent" derived from?
2. What is the symbol of per cent?
B. The Earth's most abundant greenhouse gas is water vapour, contributing 41–67% to the greenhouse effect and staying in the atmosphere for a short time.
C. The Sepoy Mutiny started in 1857.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 4: Living With Changes Lesson-7: Geometry

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

Quadrilateral and Pentagon

Pictorial

1. B 2. C 3. S 4. S
5. B 6. B

Interacting better

Accept all the relevant responses.

1. a. OQ, OR, OS, OP, OU, OT
b. TR
c. OT, OR, TR
2. Accept all the relevant responses.
3. Accept all the relevant responses.
4. a. open b. close c. close
d. open

Understanding better (page no – 84)

1. No
2. Yes
5. Accept all the relevant responses.
6. Accept all the relevant responses

7. a. Intersecting lines
b. Perpendicular lines
c. Parallel lines
8. a. diameter: AB;
b. radius: OA, OB, OC;
c. chord: AB, DE
d. circumference: ACBDE;
e. centre: O
f. arc: ED, AC, AB, BC

Solving better

1. A 3
K 3
M 3
N 2
Z 2

Learning better

- A. 1. c 2. b 3. b 4. b 5. d
- B. 1. c 2. d 3. e 4. a 5. b
- C. Accept all the relevant responses.
- D. 1. intersecting lines
2. parallel lines
3. perpendicular lines
4. parallel lines
5. intersecting lines
- E. 1. Obtuse 2. Right 3. Acute
4. Acute 5. Obtuse
- F. 1. 45° 2. 60° 3. 120°
4. 150° 5. 180°

Thinking better

1. 30°
2. a. 180° b. 180° c. 150° d. 50°

Choosing better

- I would feel sad but try to stay positive.
I would keep in touch with my friend
through calls and messages.



Students' Worksheets

Worksheet 1

- A. 1. Closed 2. Parallel 3. Ray
4. 10 5. 180
- B. 1. Intersecting 2. Parallel
3. Intersecting 4. Perpendicular
5. Intersecting 6. Parallel
- C. 1. Arms- OA, OB; Vertex- O
2. Arms- QP, QR; Vertex- Q
3. Arms- LM, MN; Vertex- M
4. Arms- ST, SR; Vertex- S
5. Arms- OM, ON; Vertex- O
6. Arms - XZ, XY; Vertex - X

Worksheet 2

- A. 1. e 2. d 3. a 4. b 5. c
- B. 1. Pentagon 2. Decagon
3. Triangle 4. Octagon
5. Quadrilateral 6. Hexagon

- C. 1. A 2. S 3. O 4. R
5. A 6. O

Worksheet 3

- A. 1. Octagon 2. Triangle 3. Decagon
4. Hexagon 5. Nonagon
- B. 1. Right angle 2. Obtuse angle
3. Straight angle 4. Right angle
5. Acute angle
- C. 1. O 2. C 3. O
4. C 5. O 6. C

Book of Holistic Teaching

- A. 1. What 2. Which
B. The structure is called a greenhouse.
C. The place is Jallianwala Bagh in Amritsar.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 5: Living Across Ages Lesson-8: Symmetry, Patterns and Nets

Main Coursebook

Kinaesthetic

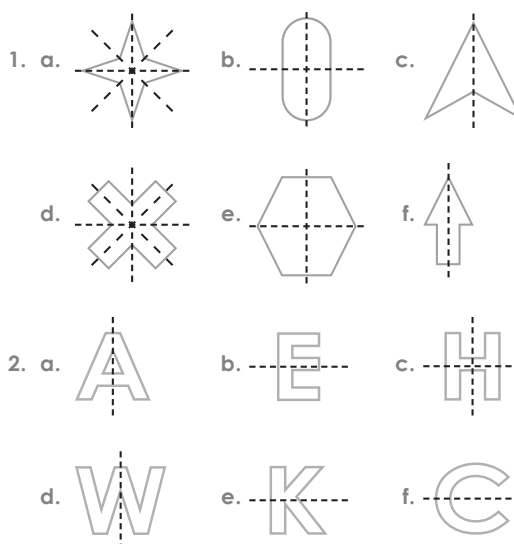
Accept all the relevant responses.

Auditory

- Maya knew her paper showed symmetry because the lines matched perfectly when folded in half.
- squares and triangles

Interacting better

Accept all the relevant responses.



Understanding better (page no – 95)

- yes
- yes
- Will discuss with designer
- a. 12 b. 84 c. 57 d. 320

Understanding better (page no – 97)

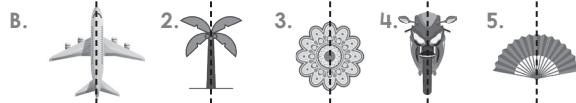
- 6
- 1
- Accept all the relevant responses.
- a. Front, side, top b. Top, side, front
c. Front, top, side d. Front, side, top

Solving better

- 6
- Triangle and circle
- 4
- H, I, X

Learning better

- b
- a
- d
- c
- c



C. Accept all the relevant responses

- b
- a
- b
- b

Thinking better

Accept all the relevant responses

Choosing better

- Remind Rohan about the library book borrowing system and advise him to return the book.

**Students' Worksheets****Worksheet 1**

1. equal 2. symmetrical
3. infinite 4. 90 5. six
- 5
- 2

Worksheet 2

1. ☒ 3. ☒ 5. ☒ 6. ☒
- 2
- Accept all the relevant responses

Worksheet 3

3. ☒
- Accept all the relevant responses.
1. a 2. b 3. a 4. a 5. c

Book of Holistic Teaching

- ff, ff
- Conical flask
- Desert

Book of Project Ideas**Making better**

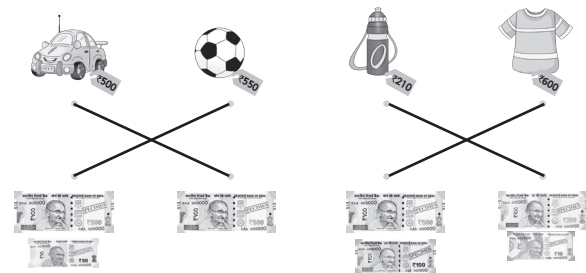
Accept all the relevant responses.

Theme 6: Living Together
Lesson-9: Profit and Loss
Main Coursebook**Kinaesthetic**

Accept all the relevant responses

Auditory

20

Pictorial**Interacting better**

200

Understanding better (page no – 104)

- Yes
- No
- Profit = Rs.48
 - Profit = Rs.1,715
 - Loss = Rs.3,271
- Loss 18,154
 - Loss 3,800
 - Rs. 3,982
 - Rs. 11,211
 - Rs. 45692
 - Rs. 73,107
 - Rs. 10,530
- Profit = Rs.315
 - Loss = Rs.2,414
 - Loss = Rs.11,041
 - Profit 239.50
 - Loss 46.50
 - Rs. 2,618
 - 14,245
 - Rs. 17,104
 - Rs. 15,909

Understanding better (page no 105)

- Cost price
- Selling price
- Rs. 605
 - Rs. 1384.32
 - Rs. 300
 - Rs. 1400
 - Profit 40%
 - Loss 11.11%
 - Pastries – Rs. 550
 - Breads – Rs. 80
 - Buns – Rs. 175
 - Cookies – Rs. 625
 - Cupcakes – Rs. 48
- Rs. 965.12
 - Rs. 600
 - Loss 50%

ITEM	QUANTITY (QTY)	RATE (IN ₹)	AMOUNT (QTY × RATE)
Oranges	2	120	240
Grapes	2½	120	300
Bananas	5	60	300
Total			840

ITEM	QUANTITY (QTY)	RATE (IN ₹)	AMOUNT (QTY × RATE)
Ice - cream bars	4	15	60
Ice - cream cups	10	10	100
Ice - cream sandwiches	35	35	175
Ice - cream bricks	2	225	450
Total			785

a. less b. Selling Price
c. subtract d. Cost price

A. 1. c 2. a 3. b 4. c 5. a
B. a. ii b. v c. iv d. iii e. v
f. i

C. a. Rs. 5139 b. Rs. 20,490
c. Rs.950.4 d. Rs. 1666
e. 34,727.27

ITEM	QUANTITY (QTY)	RATE (IN ₹)	AMOUNT (QTY × RATE)
Biscuits	5	16.50	82.50
Raisins	7	86.50	605.5
Chocobar	4	15.50	62
Coconut water	10	25	250
Total			1000

ITEM	QUANTITY (QTY)	RATE (IN ₹)	AMOUNT (QTY × RATE)
Notebooks	5	142	710
Pens	6	67	402
Calculator	180	1	180
Rulers	3	12	36
Total			1328

ITEM	QUANTITY (QTY)	RATE (IN ₹)	AMOUNT (QTY × RATE)
Skirts	5	499	2,495
Frocks	6	859	5,154
Shoes	4	499	2,495
Handkerchiefs	10	20	200
Total			10,344

- It disrupts her weekend routine and reduces her leisure time.

A. 1. Cost price 2. price
3. additional 4. profit
5. cost price

	Cost price (CP)	Selling price (SP)	Profit	Loss
1.	₹2,432	₹2,558	₹126	
2.	₹3,211	₹2,772		₹439
3.	₹10,635	₹15,096	₹4,461	
4.	₹12,224	₹12,224	₹0	₹0
5.	₹23,246	₹17,614		₹5,632

	Cost price (CP)	Selling price (SP)	Profit	Loss
1.	₹315	₹563	₹248	
2.	₹1,744	₹856		₹888
3.	₹2457	₹2,547	₹90	
4.	₹5632.50	₹1250.50		₹4,382
5.	₹25,335	₹29,657	₹4,322	

A.	1. 501	2. 4,307	3. 10,261
	4. 22,097	5. 29,571	6. 77,835
B.	1. 374	2. 1,006	3. 79.00
	4. 10,136	5. 19,248	6. 64,900

	Cost price (CP)	Selling price (SP)	Profit	Loss
1.	₹472	₹717	₹245	
2.	₹1,553	₹1,642	₹89	
3.	₹6,582	₹6,582		0
4.	₹15,347	₹8,765		₹6,582
5.	₹21,011	₹34,211	₹13,200	

A.	1. profit	2. profit	3. loss
	4. profit	5. profit	
B.	1. 686	2. 1,345	3. 1,560
	4. 9,299	5. 27,439	

- C. 1. 120 2. 1,600 3. 4,380
4. 5,530 5. 48,322

Book of Holistic Teaching

- A. an, the, a, an
B. Sugar and Salt
C. The historical event is the Great Depression of the early 20th century.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 6: Living Together Lesson-10: Mapping skills

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

- The little mouse lives in a cosy house in the village.
- To the north of the cosy house is a vast forest with tall trees and chirping birds.
- The river flows to the south of the cosy house.

Pictorial

- Move 2 square down and 3 square right.
- Move 2 square left and 2 square down.

Interacting better

Accept all the relevant responses.

1. a. 67.5 km b. East c. North
d. East

Understanding better (page no – 116)

- Yes
- No
- a. Bihar, Uttarpradesh, West bengal, Odisha
b. Arabian Sea, Bay of Bengla
c. west

Solving better

- a. south b. east
c. Online Map d. north
e. east , west

Learning better

- A. 1. d 2. c 3. b 4. a 5. c
B. 1. A key (or legend) explains the symbols and colors on a map, helping you understand its features. Use the key to identify landmarks, interpret colors, measure distances, plan routes, and understand terrain. This makes map reading quicker and easier!
2. Five benefits of a map:

- People understand them independently of their language
- Map contains much more information than words
- Everyone can make a basic one
- The understanding of them is improved by own knowledge and experience
- Map can be folded easily and we can carry everywhere

- C. 1. sub-tropical wet and dry
2. tropical wet and dry
3. sub-tropical wet and dry
4. sub-tropical wet and dry
5. Panji and Thiruvananthapuram
D. 1. 1.8 cm; 2.7 km 2. 1.4 cm; 2.1 km
3. 3.7 cm; 5.55 km

Thinking better

West

Choosing better

- Join the gathering, bring some snacks and try to make new friends.



Students' Worksheets

Worksheet 1

- A. 1. Map keys use symbols, colours, lines and signs to represent various features on a map.
2. A map is a visual representation of places on a flat surface.
3. Scale helps us represent the picture of anything, but in a smaller size, without affecting its shape.
4. Direction helps in reading maps. The four main directions are North (N), South (S), East (E) and West (W).
5. Online maps help people reach anywhere by keying in the address on them.
- B. 1. 3 km 2. 6 km 3. 8 km
4. 12 km 5. 36 km
- C. 1. false 2. true 3. true
4. false 5. true

Worksheet 2

- A. North, West, South, West
B.
1. a. gift shop b. school c. hospital
d. hospital e. hotel
2. a. false b. false c. false
d. true e. true

Book of Holistic Teaching

- A. 1. THORN 2. COMPASS 3. INDICATOR
4. LEGENDS

- B. Rony should apply ice to reduce the swelling.
C. The war is World War I.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 7: Keeping Us Strong Lesson-11: Time and Temperature

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

1. 8:00 a.m.
2. 7:35 a.m.

Pictorial

1. p.m.
2. a.m.
3. a.m.

Interacting better

Accept all the relevant responses.

1. a. 180 min b. 720 min c. 324 min
d. 935 min
2. a. 8 h 44 min b. 10 h 20 min
c. 12 h 25 min d. 23 h 20 min
3. a. 900 sec b. 1560 sec c. 760 sec
d. 2710 sec
4. a. 34 days b. 84 days c. 39 days
d. 88 days
5. a. 6 years 3 months
b. 26 years 10 months
c. 33 years 4 months
d. 62 years 4 months
6. 135 min
7. 74 months

Understanding better (page no 126)

1. 15 min
2. 20 min
8. a. 14 h 20 min b. 13 h 40 min
c. 24 min 19 sec d. 24 h 25 min 35 sec
9. a. 8 h 35 min b. 18 min 43 sec
c. 1 h 59 min 43 sec d. 5 h 44 min 55 sec
10. a. 8 hours 21 minutes
b. Jas; 30 minute 25 seconds
c. 5 minutes
11. a. 15 years 3 months
b. 20 years 9 months
c. 28 years 10 months

- d. 26 years
12. a. 5 years 9 months
b. 2 years 9 months
c. 3 years 7 months
d. 14 years 10 months
13. a. 36 years
b. 6 years 4 months
14. a. 38 weeks 6 days
b. 145 h 15 min 44 sec
c. 106 h 10 min
d. 62 years 6 months
15. a. 3 weeks 4 days
b. 4 weeks 2 days 6 hours
c. 6 h 54 min
d. 9 h 3 min 48 sec
16. a. 4:45 p.m. b. 11:53 a.m.
c. 5:00 p.m. d. 7:45 p.m.
17. a. 20 june b. 16 October
c. 12 February

UNDERSTANDING BETTER (PAGE NO – 131)

- a. 50 days
- b. 6 June
- c. 41 days

Solving better

- a. 50 days
- b. 6 june
- c. 41 days

Learning better

- A. 1. c 2. a 3. a 4. a 5. a
- B. 1. c 2. e 3. a 4. b 5. d
- C. 1. 20 h 4 min 2. 13 h
3. 26 h 24 min 24 sec
- D. 1. 7 h 22 min 2. 19 h 24 min
3. 5 h 5 min 8 sec
- E. 1. 18 weeks 1 day 2 hours
2. 48 hours 40 minutes
3. 31 hours 2 minutes 0 seconds
- F. 1. 2 weeks 2 days 11.1 hours
2. 1 hour 32 minutes
3. 1 hour 21 minutes 6.6 seconds
- G. 1. 32 °F 2. 50 °F 3. 30 °C 4. 21 °C
- H. 1. Manoj; 4 years 3 months 7 days
2. 2 h 10 min
3. 1:50 p.m.
4. 6 years 11 months
5. Wednesday; 4th June

Thinking better

12:00 noon

Choosing better

- Tell Karan how she feels and ask for his help.



Students' Worksheets

Worksheet 1

- A. 1. thermometer 2. 100 °C
3. 0 °C
4. non-contact infrared thermometer
5. 100
- B. 1. 44 days
2. 14 July
3. 30 days
4. 25 October
5. 26 days
- C. 1. e 2. d 3. c 4. b 5. a

Worksheet 2

- A. 1. false 2. true 3. true
4. true 5. false
- B. 1. 21 2. 20 3. 4 4. 11 5. 84
- C. 1. e 2. c 3. b 4. a 5. d

Worksheet 3

- A. 1. c 2. d 3. b 4. e 5. a
- B. 1. a 2. b 3. b 4. c 5. c
- C. 1. 3 hours 2. 2 hours 3. 2 hours
4. 5 hours 5. 12 hours

Book of Holistic Teaching

- A. beautifully
rapidly
completely
- B. Akram likely used his quadriceps (the muscles at the front of the thigh) to kick the football and score goals.
- C. The person known as the 'Forest Man of India' is Jadav Payeng.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 8: From Satellite to Satellite Lesson-12: Measurement

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

1. 400m
2. Fatima

Pictorial

40 cm; 36 cm

Interacting better

Accept all the relevant responses.

1. a. 5,623 m = 56,230 dm = 5,62,300 cm = 56,23,000 mm
b. 8.65 km = 865 dam = 8,650 m = 8,65,000 cm
2. a. 45,00,600 dag
b. 4,50,06,000 g
c. 4,500,600,000 cg
d. 45,006,000,000 milligrams
3. a. 7,862.5 litres
b. 786.25 decalitres
c. 78.625 hectolitres
d. 7,862,500 millilitres
4. 2,600 g
5. 15,000 ml

Understanding better (page no 139)

1. Kilometre
2. Multiplication
6. a. 652.52m; 6.5252 hm; 0.65252 km
b. 15.202m; 1.5202 dam; 0.015202 km
7. a. 0.35 km b. 0.476 km
c. 10.775 km d. 847.62 km
8. a. 14.572 kg b. 145.72 hg
c. 1457200 cg d. 14,57,200mg
9. a. 62,000 g b. 350.24 g
c. 35,21,400 g d. 75,420 g
10. a. 3,56,000 l b. 18,240 l
c. 346 l d. 3.46783 l
11. 2.5 km
12. 1.53 m
13. 25.050 kg
14. 200 l
15.
a. 110 m 95 cm b. 240 km 60 m
c. 291 kg 450 g d. 149l 980 ml
16. a. 57 m 20 cm b. 180 km 33 m
c. 134 kg 370 g d. 23l 855 ml
17. a. 1l 350 ml b. 12 l 151 ml
c. 89 km 50 m d. 91 kg 566 g
e. 29 kg 950 g
18. a. 6482 m 63cm b. 1,006 l 950 ml
c. 2349 g 783 mg d. 5,175 km 840 m
19. a. 4l 1076 ml b. 42 m 51 cm
c. 35 g 35 mg d. 209 cm
20. a. 216 km b. 985 g
c. 2.5 m d. 1,179 l 750 ml

21. a. g b. l c. m
 22. a. iii b. iii c. i d. iii
 23. a. 10 b. 20 c. 45 d. 50

Solving better

- a. 13,225 l b. 4,005 mg c. 14.7 m
 d. 34,100 g e. 1,70,000 m

Learning better

- A. 1. a 2. a 3. d 4. c 5. a
 B. 1. 4152 cm 2. 12 l 54 ml 3. 36 kg 578 g
 4. 145.20 m 5. 1054 g
 C. 1. 403 m 50 cm 2. 114 km 304 m
 3. 545 kg 635 g 4. 840 l 898 ml
 D. 1. 290 kg 236 g 2. 274 kg 856 g
 3. 88 km 190 m 4. 155 m 65 cm
 E. 1. 300 kg 432 g 2. 1,350 l 150 ml
 3. 1,575 km 625 m 4. 685 m 90 cm
 F. 1. 1 kg 002 g 2. 2 l 156 ml
 3. 2 km 117 m 4. 1 m 83 cm
 G. 1. 11 kg 500 g 2. 10 glasses
 3. 1110 kg 296 g 4. 6 kg 150 g
 5. 5406 km 900 m

Thinking better

470 g

Choosing better

- Restart the computer by pressing the power button until it turns off. Then turn it on again.



Students' Worksheets

Worksheet 1

- A. 1. false 2. false 3. true
 4. false 5. true
 B. 1. b 2. d 3. d 4. a 5. a
 C. 1. 18 kg 100 g 2. 17 l 700 ml
 3. 27 km 900 m 4. 30 m 95 cm
 5. 44 kg 440 g

Worksheet 2

- A. 1. time 2. 100 3. 10,00,000
 4. multiply 5. divide
 B. 1. 6,000 2. 250 3. 50,500
 4. 200 5. 8.555 6. 3,39,000
 C. 1. c 2. b 3. a 4. c 5. b

WORKSHEET 3

- A. 1. c 2. e 3. d 4. a 5. b
 B. 1. 123.74 m 2. 192m 62cm
 3. 83912 ml 4. 4879 g
 5. 161 kg 680 g
 C. 1. 2520 2. 455.4 3. 45251
 4. 35247.5 5. 12541

Book of Holistic Teaching

- A. in, in, in
 B. The natural satellite is the Moon, which is approximately 384,400 kilometres away from Earth.
 C. Nainital is colder than Bihar because it is at a higher altitude, and the thinner air causes lower temperatures

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 8: From Satellite to Satellite Lesson-13: Perimeter, Area and Volume

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

400

Pictorial

Perimeter – 14, 14, 16

Area – 11, 12, 17

Interacting better

Accept all the relevant responses.

Understanding better (page no – 151)

1. 10a
 2. 8a
 1. a. 22 cm b. 60 cm c. 17.6 cm
 d. 75 cm
 2. a. 10 cm b. 7 cm c. 45 cm
 3. 35 cm
 4. 4 cm

Understanding better (page no – 153)

1. Yes
 2. No
 5. a. 15 sq. cm b. 135 sq. cm
 c. 1,050 sq. cm d. 188.65 sq. m
 6. a. 625 sq. cm b. 112.36 sq. cm
 c. 150.0625 sq. m d. 1,056.25 sq. m
 7. a. 15,000 sq m; Rs. 52,500
 b. Rs. 58,0890
 c. Rectangle
 d. 5m
 8. a. 2 sq. cm b. 4.5 sq. cm
 c. 9 sq. cm
 9. a. 187.5 sq. cm b. 32.5 sq. cm
 c. 103.75 sq. cm
 10. 34.375 sq. cm
 11. a. 14 sq. unit b. 12 sq. unit
 c. 9 sq. unit d. 13 sq unit

- e. 13 sq. unit f. 17 sq. unit
 12. a. 141 sq. cm b. 440 sq. cm
 c. 24 sq. m d. 112 sq. cm
 e. 100 sq. cm f. 82 sq. cm

Understanding better (page no – 157)

- Volume is the space an object occupies, while capacity is the amount a container can hold.
- 1 km³

Understanding better (Page no – 158)

- Vertices are the points where lines, edges, or surfaces meet, such as the corners of shapes.
 - Faces are the flat sides of a shape, like the walls of a box.
 - An edge is the line segment that forms the boundary between two faces.
14. a. 576 cu. cm b. 2500 cu. cm
 c. 1,601.25 cu. cm d. 3,095.75 cu. cm
15. a. 3,375 cu. cm
 b. 8,000 cu. cm
 c. 28,094,464 cu. cm
 d. 238,328 cu. M
16. a. 60,000 cu. cm b. 640 cu. cm
 c. 12,50,000 cu cm d. 64

Solving better

- a. 120 cu. cm b. 960 cu. cm
 c. 3,750 cu. m d. 210 cu. m
 e. 30,000 cu. Cm

Learning better

- A. 1. d 2. b 3. c 4. a 5. d
- B. 1. Perimeter = 28 cm; Area = 48 sq. cm
 2. Perimeter = 14 m; Area = 10 sq. m
 3. Perimeter = 242 m; Area = 120 sq. m
 4. Perimeter = 520 cm; Area = 16,800 sq cm
 5. Perimeter = 42,00 m; Area = 21,600sq m
- C. 1. 1,500 cu. cm 2. 1,080 cu. cm
 3. 7,500 cu. m 4. 500 cu. m
 5. 1,00,000 cu. cm
- D. 1. 3,375 cu. cm
 2. 6,434. 856 cu. cm
 3. 15,625 cu. m
 4. 27,000 cu. cm
 5. 1,26,884.390625 cu. m
- E. 1. Perimeter = 3 km; Area = 0.5 sq. km
 2. 6,000 bricks
 3. 650
 4. Rs. 25; 14,00 sq. m
 5. Area = 4,800 sq. cm; Perimeter = 320 cm

Thinking better

13.5 sq. m; Rs. 3,375

Choosing better

- Inform your mother and not enter any personal information.



Students' Worksheets

Worksheet 1

- A. 1. Side × Side
 2. Length × Breadth
 3. Length × Breadth × Height
 4. 4 × Side
 5. 2 (Length + Breadth)
- B. 1. false 2. false 3. true
 4. true 5. true
- C. Accept all the relevant responses.

Worksheet 2

- A. 1. $\frac{1}{2} \times \text{Base} \times \text{Height}$
 2. two
 3. Side × Side × Side
 4. Length × Breadth × Height
 5. 4
- B. 1. Length × Breadth
 2. Length × Breadth × Height
 3. Side × Side × Side
 4. 2 (Length + Breadth)
 5. Length × Breadth
- C. 1. 24 cm 2. 16 cm 3. 101 cm

Book of Holistic Teaching

- A. 1. addition 2. multiplication
- B. India's first satellite, launched in 1975, is named Aryabhata.
- C. The heat zone for this location is likely the Tropical Zone due to its rainfall and warm temperatures.

Book of Project Ideas

Making better

Accept all the relevant responses.

Theme 9: From Signs to Signals Lesson-14: Data Handling

Main Coursebook

Kinaesthetic

Accept all the relevant responses.

Auditory

- Oranges
- 3

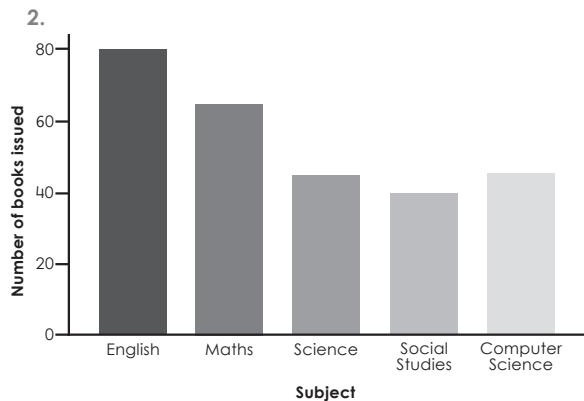
Pictorial

- 25
- Tuesday
- 125

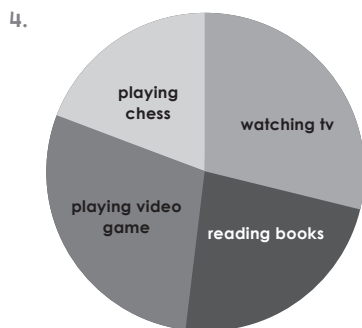
Interacting better

Accept all the relevant responses.

1. a. Class V b. 25 c. 105
d. Class III



3. a. Music b. Poetry recitation
c. Poetry recitation



5.

Ice-cream flavours	Number of students
chocolate	
strawberry	
vanilla	
butterscotch	
mango	

6. a. 20 b. 25 c. Sunday
d. Wednesday and Friday e. 150

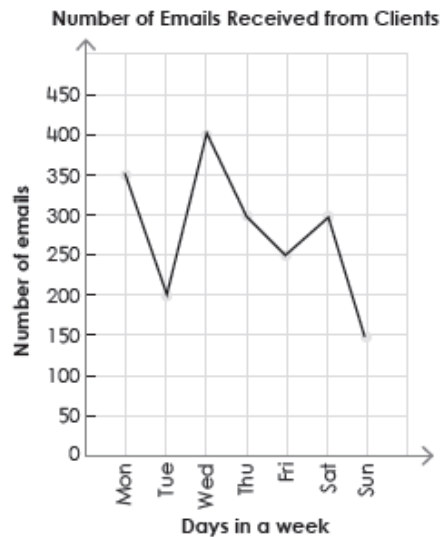
Solving better

- a. Sheetal b. Asifa c. Rs. 200
d. Rs.600 e. Rs. 1900

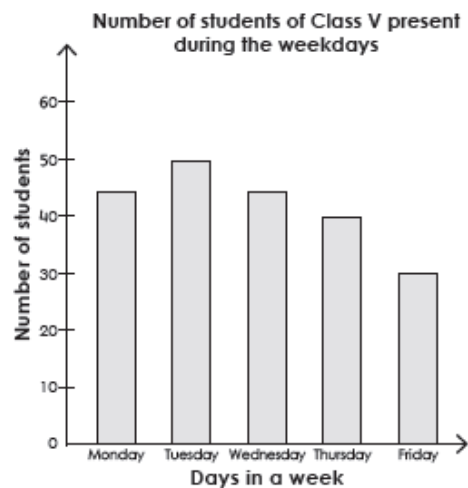
Learning better

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

B.



C.



- D. 1. Class VIII 2. 45
3. 85 4. Class V and VII
5. Class IV
E. 1. Tuesday 2. 40
3. Friday 4. 50

F.

Weekdays	Number of items delivered	Tally Marks
Monday	50	
Tuesday	55	
Wednesday	50	
Thursday	65	
Friday	60	

