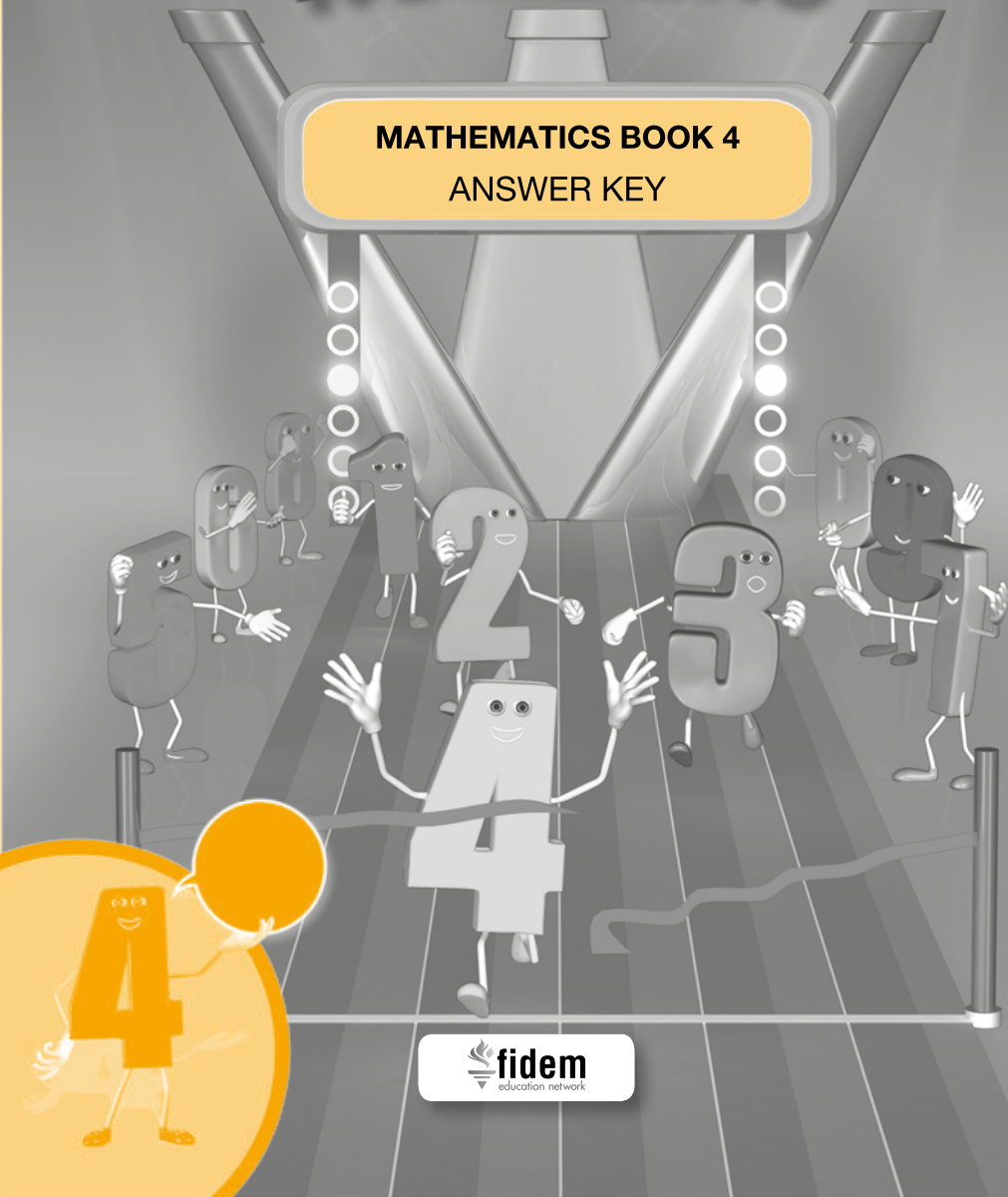


# TALKING NUMBERS

**MATHEMATICS BOOK 4**

**ANSWER KEY**





# TALKING NUMBERS

## MATHEMATICS BOOK 4

### Answer Book



Developed by: Ayesha Farooq



fidem education network 2011  
Copyright fidem education network  
The moral rights of the author have been affirmed.

first edition 2014  
Printed 2014

All rights reserved. No part of this book may be copied, translated, stored or transmitted through any means anywhere.

This book is sold with the condition that it will neither be sold nor traded in any means without the prior permission of the publisher.

It is also a binding that this book will not be published or sold except in the original form in which it is published. This condition also applies upon purchasers.

ISBN 978-969-9705-48-9

Edited by: Fidem Editorial Team

Published by  
fidem education network  
D-69/1, Block-9, Scheme 5, Clifton, Karachi-75600, Pakistan  
Printed at  
Yaqeen Art Press (Private) Limited  
Plot 150, Sector 23, Korangi Industrial Area, Karachi-74900, Karachi, Pakistan.

Recall counting and fill in the blanks.

Page no. 6

**Answers:**

- a 1                      b 10, 1                      c 100, 10, 1                      d 1000, 100, 10

Q1. Look at the figures and write down the numbers in digits and words.

Page no. 7

**Answers:**

- b  $0+9,000+0+0+9$ ; 9,009 ; Nine thousand and nine  
c  $20,000+9,000+300+50+7$ ; 29,357 ; Twenty-nine thousand, three hundred and fifty-seven  
d  $40,000+9,000+0+70+5$ ; 49,075 ; Forty-nine thousand and seventy-five  
e  $60,000+3,000+100+0+1$ ; 63,101 ; Sixty-three thousand, one hundred and one  
f  $70,000+5,000+600+10+8$ ; 75,618 ; Seventy-five thousand, six hundred and eighteen

Q2. Write the numbers given below in words.

**Answers:**

- a Seventy-two thousand, four hundred and sixty  
b Eighty thousand and eight  
c Ninety-thousand, nine hundred and ninety-nine  
d Eighty-nine thousand, nine hundred and twenty-seven  
e Fifty-seven thousand, six hundred and thirty-nine  
f Seventy-five thousand, six hundred and eighteen  
g Forty-three thousand, six hundred and thirty-seven  
h Seventy-nine thousand, seven hundred and twenty-eight  
i Ninety-one thousand and hundred  
j Seventy-two thousand  
k Twenty-seven thousand, six hundred and thirty eight  
l Eighty-seven thousand, nine hundred and eighteen  
m Forty-five thousand, two hundred and fifteen  
n Twenty-seven thousand, two hundred and eighty-five  
o Eighteen thousand

Q1. Write the following numbers in digits:

Answers:

- a 654,321      b 789,555      c 810,810      d 206,460  
 e 400,400      f 111,110      g 505,000      h 72,500  
 i 39,187      j 98,120

Q2. Find the place value of 9 in the numbers given below.

Answers:

- a Thousand      b Unit      c Ten      d Hundred thousand  
 e Ten thousand      f Hundred

Write down the place value of each of the given numbers.

Answers:

H	Th	T Th	Th	H	T	U	H	Th	T Th	Th	H	T	U
1	2	1	1	2	7	8	4	8	9	6	6		
5	8	1	7	9	2	7	4	3	6	0	3		
6	6	6	9	2	5	9	7	8	9	3	7		
5	3	6	2	3	2	8	0	9	1	2	5		
4	6	1	2	0	2	6	3	0	4	7	3		
1	2	3	6	0	9	1	3	2	6	0	5		
4	0	7	2	2	4	7	6	2	0	3	4		
4	9	6	7	6	9								

Q3. Fill in the blanks:

Answers:

- a 50,000 ; 1      b 20,000 ; 3,000 ; 7      c 700,000 ; 6,000 ; 10  
 d 90,000 ; 90 ; 8      e 500,000 ; 0 ; 0      f 90,000 ; 0 ; 0

Q5. Follow the example and write the numbers in expanded form.

Answers:

- b  $500,000+60,000+0+200+60+1$   
 c  $800,000+0+7,000+300+80+0$   
 d  $500,000+20,000+2,000+300+10+4$   
 e  $100,000+50,000+9,000+700+0+3$   
 f  $300,000+30,000+5,000+400+80+8$   
 g  $200,000+70,000+5,000+100+80+8$   
 h  $800,000+20,000+8,000+300+90+0$

- i  $400,000+70,000+9,000+400+60+2$
- j  $400,000+90,000+1,000+300+20+6$
- k  $700,000+70,000+2,000+800+30+0$
- l  $500,000+30,000+8,000+700+20+5$
- m  $800,000+60,000+7,000+600+20+9$
- n  $300,000+10,000+2,000+700+30+2$
- o  $300,000+10,000+9,000+700+60+6$
- p  $400,000+70,000+9,000+400+80+7$

Q1. Write the numbers in words and digits by placing periods at the correct place.

Page no. 14

Answers:

- a  $1,67,999$       one lakh, sixty seven thousand, nine hundred and ninety nine  
 $167,999$       one hundred and sixty seven thousand, nine hundred and ninety nine
- b  $1,04,404$       one lakh, four thousand, four hundred and four  
 $104,404$       one hundred and four thousand, four hundred and four
- c  $3,27,121$       three lakh, twenty seven thousand, one hundred and twenty one  
 $327,121$       three hundred and twenty seven thousand, one hundred and twenty one
- d  $4,26,124$       four lakh, twenty six thousand, one hundred and twenty four  
 $426,124$       four hundred and twenty six thousand, one hundred and twenty four
- e  $8,76,243$       eight lakh, seventy six thousand, two hundred and forty three  
 $876,243$       eight hundred and seventy six thousand, two hundred and forty three
- f  $9,27,129$       nine lakh, twenty seven thousand, one hundred and twenty nine  
 $927,129$       nine hundred and twenty seven thousand, one hundred and twenty nine
- g  $1,29,182$       one lakh and twenty nine thousand, one hundred and eighty two  
 $129,182$       one hundred and twenty nine thousand, one hundred and eighty two
- h  $4,56,739$       four lakh, fifty six thousand, seven hundred and thirty nine  
 $456,739$       four hundred and fifty six thousand, seven hundred and thirty nine
- i  $2,37,844$       two lakh, thirty seven thousand, eight hundred and forty four  
 $237,844$       two hundred and thirty seven thousand, eight hundred and forty
- j  $9,87,677$       nine lakh, eighty seven thousand, six hundred and seventy seven  
 $987,677$       nine hundred and eighty seven thousand, six hundred and seventy seven

Add commas in the correct places according to the International and South Asian number system.

Answers:

- |   |         |          |   |           |           |
|---|---------|----------|---|-----------|-----------|
| a | 681,919 | 6,81,919 | b | 32,179    | 32,179    |
| c | 2,505   | 2,505    | d | 759,565   | 7,59,565  |
| e | 308,670 | 3,08,670 | f | 4,789,091 | 47,89,091 |

Q3. Write the numbers in digits and add period.

Answers:

- |   |          |   |         |   |         |   |          |   |         |
|---|----------|---|---------|---|---------|---|----------|---|---------|
| a | 4,72,837 | b | 530,602 | c | 700,000 | d | 8,00,105 | e | 600,054 |
|---|----------|---|---------|---|---------|---|----------|---|---------|

Q1. Write  $<$ ,  $>$  or  $=$ .

Page no. 18

Answers:

- |   |     |   |     |   |     |   |     |   |     |   |     |
|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|
| a | $<$ | b | $>$ | c | $>$ | d | $<$ | e | $>$ | f | $<$ |
| g | $<$ | h | $>$ | i | $=$ |   |     |   |     |   |     |

Q2. Arrange in descending order.

Answers:

- |   |            |            |            |           |           |           |
|---|------------|------------|------------|-----------|-----------|-----------|
| a | 8,060,647  | 7,883,595  | 5,277,118  | 3,231,986 | 1,673,617 | 712,362   |
| b | 13,358,268 | 2,139,394  | 1,559,496  | 1,248,535 | 1,111,114 | 981,876   |
| c | 14,786,438 | 8,364,250  | 7,093,623  | 5,398,176 | 5,373,887 | 232,065   |
| d | 14,082,743 | 5,468,404  | 5,427,054  | 4,857,217 | 3,885,710 | 3,350,005 |
| e | 11,932,926 | 11,090,737 | 10,171,035 | 7,272,621 | 2,821,797 | 1,239,266 |

Q3. Arrange in ascending order.

Page no. 19

Answers:

- |   |           |           |            |            |            |
|---|-----------|-----------|------------|------------|------------|
| a | 1,228,024 | 6,178,403 | 11,136,675 | 12,127,592 | 14,518,128 |
| b | 3,113,704 | 4,449,328 | 7,310,410  | 8,013,447  | 10,791,080 |
| c | 970,674   | 8,271,455 | 11,612,889 | 11,979,580 | 13,856,786 |
| d | 3,008,235 | 5,853,993 | 9,917,439  | 10,628,164 | 13,513,615 |
| e | 4,620,657 | 8,758,291 | 9,845,630  | 11,026,816 | 13,223,565 |

Q4. Write down 3 predecessors and 3 successors.

Answers:

- |   |           |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| a | 101,098   | 101,099   | 101,100   | 101,102   | 101,103   | 101,104   |
| b | 199,712   | 199,713   | 199,714   | 199,716   | 199,717   | 199,718   |
| c | 678,429   | 678,430   | 678,431   | 678,433   | 678,434   | 678,435   |
| d | 934,886   | 934,887   | 934,888   | 934,890   | 934,891   | 934,892   |
| e | 1,234,564 | 1,234,565 | 1,234,566 | 1,234,568 | 1,234,569 | 1,234,570 |

Q5. Write down 3 successors.

Answers:

- |   |            |            |            |   |           |           |           |
|---|------------|------------|------------|---|-----------|-----------|-----------|
| a | 6,853,060  | 6,853,061  | 6,853,062  | b | 1,119,087 | 1,119,088 | 1,119,089 |
| c | 12,948,421 | 12,948,422 | 12,948,423 | d | 3,477,192 | 3,477,193 | 3,477,194 |

Q6. Write down 3 predecessors.

Answers:

- |   |            |            |            |
|---|------------|------------|------------|
| a | 817,407    | 817,408    | 817,409    |
| b | 11,061,184 | 11,061,185 | 11,061,186 |
| c | 4,489,731  | 4,489,732  | 4,489,733  |
| d | 6,715,889  | 6,715,890  | 6,715,891  |

Q7. Recall skip counting to make number chains:  
Skip counting by 50

Page no. 19

Answers:

- |   |         |         |         |   |         |         |         |
|---|---------|---------|---------|---|---------|---------|---------|
| a | 230,280 | 230,330 | 230,380 | b | 452,939 | 452,989 | 453,039 |
| c | 799,690 | 799,740 | 799,790 | d | 379,474 | 379,524 | 379,574 |

Skip counting by 100

Answers:

- |   |         |         |         |   |         |         |         |
|---|---------|---------|---------|---|---------|---------|---------|
| a | 828,136 | 828,236 | 828,336 | b | 458,321 | 485,421 | 485,521 |
| c | 877,302 | 877,402 | 877,502 | d | 828,136 | 828,236 | 828,336 |

Skip counting by 1,000

Answers:

- |   |         |         |         |   |         |         |         |
|---|---------|---------|---------|---|---------|---------|---------|
| a | 591,412 | 592,412 | 593,412 | c | 202,212 | 203,212 | 204,212 |
| b | 878,020 | 879,020 | 880,020 | d | 788,077 | 789,007 | 790,007 |

Q1. Write the next 3 even numbers.

Answers:

- |   |            |            |            |   |            |            |            |
|---|------------|------------|------------|---|------------|------------|------------|
| b | 5,297,770  | 5,297,772  | 5,297,774  | c | 4,211,458  | 4,211,460  | 4,211,462  |
| d | 4,118,380  | 4,118,382  | 4,118,384  | e | 7,008,566  | 7,008,568  | 7,008,570  |
| f | 11,566,508 | 11,566,510 | 11,566,512 | g | 11,207,120 | 11,207,122 | 11,207,124 |
| h | 7,478,832  | 7,478,834  | 7,478,836  | i | 5,837,068  | 5,837,070  | 5,837,072  |
| j | 4,356,992  | 4,356,994  | 4,356,996  | k | 7,075,682  | 7,075,684  | 7,075,686  |
| l | 13,177,634 | 13,177,636 | 13,177,638 | m | 9,111,786  | 9,111,788  | 9,111,790  |

Page no. 21

Q2. Identify the ascending closest odd numbers.

Answers:

- |   |            |            |            |   |            |            |            |
|---|------------|------------|------------|---|------------|------------|------------|
| b | 265,259    | 265,261    | 265,263    | c | 1,384,765  | 1,384,767  | 1,384,769  |
| d | 2,944,677  | 2,944,679  | 2,944,681  | e | 8,773,727  | 8,773,729  | 8,773,731  |
| f | 13,466,199 | 13,466,201 | 13,466,203 | g | 10,518,407 | 10,518,409 | 10,518,411 |
| h | 13,162,191 | 13,162,193 | 13,162,195 | i | 9,090,887  | 9,090,889  | 3,090,891  |
| j | 8,404,287  | 8,404,289  | 8,404,291  | k | 4,256,995  | 4,256,997  | 4,256,999  |
| l | 14,265,797 | 14,265,799 | 14,265,801 | m | 7,716,719  | 7,716,721  | 7,716,723  |

Q3. Use the following digit cards to make five different odd numbers and five different even numbers which are greater than 50,000 and less than 100,000.

Answers:

- b 76,150 ; 76,105    
  c 70,156 ; 70,165    
  d 61,570 ; 61,507  
 e 51,706 ; 51,607

Q1. Round off the following numbers to the nearest ten:

Page no. 24

Answers:

- a 10 ; ten  
 b 2,340 ; two thousand three hundred and forty.  
 c 80 ; eighty  
 d 8,910 ; eight thousand nine hundred and ten.  
 e 110 ; One hundred and ten  
 f 18,560 ; eighteen thousand five hundred and sixty.  
  
 g 240 ; two hundred and forty  
 h 100,000 ; one hundred thousand.  
 i 890 ; eight hundred and ninety  
 j 453,780 ; four hundred fifty-three thousand, seven hundred and eighty.

Q1. Round off the following numbers to the nearest 100:

Page no. 25

Answers:

- a 500      b 1,200      c 15,200      d 600      e 1,900  
 f 91,900      g 700      h 7,800      i 211,500

Round off the following numbers to the nearest 1,000:

Answers:

- a 0      b 6,000      c 89,000      d 1,000      e 10,000  
 f 92,000      g 2,000      h 14,000      i 110,000

Q1. Complete the addition sentences.

Page no. 27

Answers:

- a 5,247      b 13,621      c 749,642      d 5,248      e 768,110  
f 979,044      g 7,519      h 370,173      i 295,126

Q2. Complete the subtraction sentences.

Answers:

- a 4,012      b 11,814      c 25,820      d 4,414      e 401,179  
f 350,038      g 9,220      h 399,089      i 150,100

Q3. Solve the given questions.

Answers:

- a 1164892      b 231031      c 998830      d 333902  
e 813408      f 1124348      g 939102      h 807565  
i 277921      j 330348      k 564922      l 80980

Q4. Complete the following tables.

Page no. 28

Subtract 1,000

Answers:

- a 9,000      b 10,000      c 19,000      d 221,000

Add 1,000

- a 1,080      b 1,800      c 89,100      d 889,000

Add 10,000

- a 11,100      b 21,000      c 30,000      d 510,100

Subtract 10,000

- a 41,000      b 81,000      c 90,000      d 100,100

Subtract 2,000

- a 8,000      b 9,000      c 18,000      d 220,000

Add 2,000

- a 2,080      b 2,800      c 90,100      d 890,000

Q1. Complete the sentences.

Page no. 31

Answers:

- |   |   |   |     |   |     |   |     |   |     |   |     |
|---|---|---|-----|---|-----|---|-----|---|-----|---|-----|
| a | 1 | b | 110 | c | 200 | d | 1   | e | 20  | f | 300 |
| g | 1 | h | 10  | i | 200 | j | 550 | k | 600 | l | 850 |

Q2. Complete the sentences.

Answers:

- |   |    |   |       |   |       |   |       |   |     |   |       |
|---|----|---|-------|---|-------|---|-------|---|-----|---|-------|
| a | 1  | b | 0     | c | 3,000 | d | 1     | e | 10  | f | 5,400 |
| g | 1  | h | 6,600 | i | 8,000 | j | 2,550 | k | 100 | l | 8,000 |
| m | 10 | n | 100   |   |       |   |       |   |     |   |       |

Q1. Fill in the missing digits.

Page no. 32-33

Answers:

- |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| a | 5 | b | 7 | c | 1 | d | 7 | e | 1 | f | 4 |
| g | 4 | h | 9 | i | 2 | j | 6 | k | 6 | l | 5 |

Q2. Read and solve.

Answers:

- |   |                            |   |                             |
|---|----------------------------|---|-----------------------------|
| a | 449,801 ; 102,977 ; 50,199 | b | 888,799 ; 112,491 ; 953,799 |
| c | 648,410 ; 351,590          | d | 259,720 ; 90,280            |
| e | 50,890                     | f | 138,500                     |

Q1. Fill in the blanks.

Page no. 35

Answers:

- |   |                             |   |                             |
|---|-----------------------------|---|-----------------------------|
| a | 11 110 1100 11,000 110,000  | b | 6 60 600 6,000 60,000       |
| c | 16 160 1,600 16,000 160,000 | d | 5 50 500 5,000 50,000       |
| e | 10 100 1,000 10,000 100,000 | f | 16 160 1,600 16,000 160,000 |

Q1. Complete patterns.

Page no. 38

Answers:

- (a) 35 350 3,500 35,000 350,000      (b) 490 4,900 49,000 490,000 4,900,000  
(c) 81 810 8,100 81,000 810,000      (d) 80 800 8,000 80,000 800,000

Q1. Solve the questions.

Page no. 39

Answers:

- (a) 58      (b) 132      (c) 141      (d) 312      (e) 305      (f) 252  
(g) 280      (h) 644      (i) 783      (j) 666

Q2. Read and solve.

Page no. 40

Answers:

- (a) 720      (b) 264      (c) 192      (d) 192      (e) 420

Q1. Find the product.

Page no. 42

Answers:

- (a) 576      (b) 1012      (c) 894      (d) 756      (e) 2592  
(f) 864      (g) 4284      (h) 1148      (i) 3120      (j) 2805  
(k) 3465      (l) 3366      (m) 10150      (n) 9090      (o) 9680  
(p) 7805      (q) 9985      (r) 15786      (s) 4544      (t) 9402

Q2. Read and solve.

Page no. 43

Answers:

- (a) 3150      (b) 420 2100      (c) 750 5250      (d) 4960      (e) 4200

Q1. Find the product.

Page no. 48

Answers:

- |   |        |   |        |   |        |   |       |   |       |
|---|--------|---|--------|---|--------|---|-------|---|-------|
| a | 1092   | b | 475    | c | 5880   | d | 3045  | e | 30438 |
| f | 15655  | g | 7353   | h | 155324 | i | 35014 | j | 96866 |
| k | 534702 | l | 123785 | m | 121185 |   |       |   |       |

Q1. Fill in the missing digits.

Answers:

- |   |      |   |      |   |       |   |       |   |       |   |       |
|---|------|---|------|---|-------|---|-------|---|-------|---|-------|
| a | 333  | b | 469  | c | 1350  | d | 4214  | e | 2888  | f | 4480  |
| g | 6510 | h | 3072 | i | 20368 | j | 40061 | k | 19125 | l | 86731 |

Q3. Fill in the blanks.

Answers:

- |   |        |   |           |   |         |   |        |
|---|--------|---|-----------|---|---------|---|--------|
| a | 18,000 | b | 3,000     | c | 30,000  | d | 6      |
| e | 90,000 | f | 2,000,000 | g | 480,000 | h | 10,800 |

Q4. Read and solve.

Page no. 49

Answers:

- |   |        |   |        |   |               |   |               |
|---|--------|---|--------|---|---------------|---|---------------|
| a | 1248   | b | 192 64 | c | 12,775 12,783 | d | 65,000 71,500 |
| e | 38,628 | f | 676    | g | 4,375         | h | 4,900         |

Q1. Complete the tables.

Page no. 51

Answers:

a	5	5	3	9	69
b	2	8	7	6	129

Q2. Fill in the blanks.

Answers:

a	5	b	9	c	11	d	50	e	60
---	---	---	---	---	----	---	----	---	----

Q1. Complete the patterns.

Page no. 52

Answers:

a	3	30	300	3000
b	100	100	100	100
c	5,000	500	500	500

Q1. Solve the questions.

Page no. 53

Answers:

a	28	b	23	c	9	d	12	e	27	f	24
g	11	h	12	i	8	j	17				

Q2. Solve the questions.

Page no. 55

Answers:

a	27	b	23	c	Q = 12, R = 3	d	22
e	Q = 23, R = 2	f	Q = 16, R = 3	g	22	h	9
i	9	j	9	k	15	l	Q = 16, R = 2

Q3. Read and solve.

Page no. 56

Answers:

- a 7      b 31      c 17      d 7      e 20      f 24, 2

For part e. Read the number of friends as 4.

Q1. Solve the questions.

Page no. 59

Answers:

- a 64      b 232      c  $Q = 352, r = 1$       d 123      e 163  
f  $Q = 63, r = 2$       g 2043      h 1379      i 823      j 1007

Q2. Read and solve.

Answers:

- a 12      b 1,000      c 2175, 1450      d 20      e 920

For part b. Read the quantity of sugar as 9,000

For part c. Read the number of boxes as 6.

Q1. Solve the questions.

Page no. 62

Answers:

- a 41      b 22      c 35      d  $Q = 53, r = 6$   
e  $Q = 81, r = 7$       f 62      g  $Q = 167, r = 19$       h  $Q = 191, r = 12$   
i  $q = 357, r = 2$       j  $q = 248, r = 24$

Q2. Read and solve.

Answers:

- a 19      b 72, 8      c 900, 36      d 66, 110  
e 805      f 90      g 1700, 2200

Q1. Complete the sentences.

Page no. 66

Answers:

- a 16      b 60      c 55      d 160      e 567      f 3600  
g 24      h 160      i 117      j 560

Q1. Complete and solve the sentences.

Page no. 68

Answers:

- a 24      b 90      c 420      d 300      e 480  
f 1600      g 40000      h 300000      i 250      j 720000

Q1. Solve the sentences.

Page no. 69

Answers:

- a 12      b 240      c 2      d 1      e 40  
f 200      g 70      h 1      i 4      j 68

Q1. Solve the sentences.

Page no. 72

Answers:

- a 26      b 6      c 9      d 12      e 2  
f 14      g 5      h 7      i 13      j 13  
k 10      l 17      m 23      n 26      o 10

For part m. Read the question as:  $20 + 64 \div 32 \times 2 - 1$

Q1. Read and solve.

Page no. 74

Answers:

- a 16      b 8, 5      c 3, 17      d 20, 100  
e 32      f 13100, 8100      g 165000      h 16, 88

Q1. Find the estimated answer.

Page no. 78

Answers:

- a 12700      b 67000      c 11000      d 19000      e 27000  
f 1400000      g 1067000      h 540000      i 10      j 20

Q2. Find the answer.

Page no. 79

Answers:

- a 120      b 400      c 16      d 11700      e 4000

Q1. Complete the table.

Page no. 82

Answers:

- |   |                   |   |                    |   |                  |
|---|-------------------|---|--------------------|---|------------------|
| a | No, yes, yes, no  | b | Yes, yes, yes, yes | c | No, yes, yes, no |
| d | Yes, no, yes, yes | e | No, yes, yes, no   | f | Yes, no, no, no  |
| g | Yes, no, yes, yes | h | No, no, no, no     | i | No, yes, no, no  |
| j | Yes, yes, no, no  |   |                    |   |                  |

Q1. Complete the following.

Page no. 84

Answers:

- |   |           |   |          |   |           |
|---|-----------|---|----------|---|-----------|
| a | 14 2 7 14 | b | 8 2 4 8  | c | 7 1 7 7   |
| d | 5 2 5 10  | e | 3 3 8 24 | f | 1 1 11 11 |
| g | 9 3 9 27  | h | 8 6 8 48 | i | 9 5 9 45  |

Q2. Identify the factors.

Answers:

- |   |                    |   |                        |   |                       |
|---|--------------------|---|------------------------|---|-----------------------|
| a | 1, 2, 5, 10        | b | 1, 2, 7, 14            | c | 1, 2, 3, 9, 18        |
| d | 1, 23              | e | 1, 2, 5, 6, 10, 15, 30 | f | 1, 2, 3, 6, 7, 14, 42 |
| g | 1, 2, 4, 8, 14, 56 |   |                        |   |                       |

Q3. Skip count to write the missing numbers.

Page no. 85

Answers:

- |   |            |   |        |   |            |   |            |
|---|------------|---|--------|---|------------|---|------------|
| a | 6, 8       | b | 12, 15 | c | 12, 16     | d | 15, 20, 25 |
| e | 30, 40     | f | 15, 60 | g | 12, 36, 48 | h | 17, 51, 68 |
| i | 54, 63, 72 | j | 20, 80 |   |            |   |            |

Q4. Write the multiples.

Answers:

a	3 21	6 24	9 27	12 30	15 33	18 36
b	5 35	10 40	15 45	20 50	25 55	30 60
c	6 42	12 48	18 54	24 60	30 66	36 72
d	8 56	16 64	24 72	32 80	40 88	48 96
e	9 63	18 72	27 81	36 90	45 99	54 108
f	11 77	22 88	33 99	44 110	55 121	66 132

Q5. Complete the table.

Answers:

a	1, 3	3, 6, 9, 12	b	1, 2, 3, 6	6, 12, 18, 24
c	1, 2, 4, 8	8, 16, 24, 32	d	1, 2, 5, 10	10, 20, 30, 40
e	1, 11	11, 22, 33, 44	f	1, 2, 7, 14	14, 28, 42, 56
g	1, 2, 13, 26	26, 52, 78, 104	h	1, 5, 7, 35	35, 70, 105, 140
i	1, 2, 4, 8, 12, 16, 32, 64      64, 128, 192, 256				

Q1. Identify the composite and prime numbers:

Answers:

Prime numbers: 3    5    7    11    13    17  
 Composite numbers: 6    8    9    10    12    14    15    16    18    46    51

Q2. Complete the table and check if it is prime or composite.

Answers:

a	1, 5	prime
b	1, 2, 4, 8	composite
c	1, 2, 7, 14	composite
d	1, 3, 5, 15	composite
e	1, 2, 3, 4, 6, 9, 12, 18, 36	composite
f	1, 2, 23, 42	composite
g	1, 3, 17, 51	composite
h	1, 5, 11, 55	composite
i	1, 3, 7, 9, 21, 63	composite
j	1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72	composite
k	1, 83	prime
l	1, 2, 4, 5, 10, 20, 50, 100	composite

Q3. Write down prime numbers greater than 1 and less than 50.

Answers:

2 3 5 7 11 13 17 19 23 29 31 37 41 43 47

Q1. Draw factor tree to show prime factors.

Page no. 89

Answers:

a	2	2	3	b	2	2	5		
c	2	3	5	d	2	2	2	2	3
e	3	3	3	f	2	5	5		
g	2	2	2	3	3	h	2	2	7
i	5	7	j	2	2	3	5		

Q1. Find HCF.

Page no. 91

Answers:

a	2	2	b	2	2	c	3	3
d	2,7	14	e	2,3	6	f	2,5	10
g	2,3	6	h	2,2,5	20	i	2,2,2,3	24
j	7	7	k	3,3,3	27	l	2,3,3	18
m	3,3	9						

Q1. Find LCM.

Page no. 93

Answers:

- a 18      b 30      c 60      d 60      e

Q2. Find LCM.

Answers:

- a 48      b 680      c 162      d 240      e 105  
f 240      g 336      h 147

Q1. Find HCF and LCM.

Page no. 96

Answers:

- a HCF =, 5      LCM = 60      b HCF =, 6      LCM = 72  
c HCF =, 7      LCM = 42      d HCF =, 10      LCM = 60

Q2. Find HCF.

Answers:

- a 4      b 3      c 6      d 15      e 12      f 4

Q3. Find LCM.

Answers:

- a 24      b 12      c 40      d 20      e 30      f 24

Q1. Read and solve.

Page no. 99

Answers:

- a 62      b 3      c 8      d 14      e 20  
f 60      g 4

Q1. Write as improper fractions.

Page no. 103

Answers:

- a  $11/5$    b  $11/3$    c  $9/5$    d  $9/2$    e  $10/4$    f  $43/8$

Q2. Convert into mixed numbers.

Answers:

- a  $1 \frac{1}{2}$    b  $3 \frac{3}{4}$    c  $4 \frac{1}{5}$    d  $6 \frac{1}{4}$    e  $2 \frac{1}{7}$    f  $2 \frac{1}{9}$

Q3. Convert into improper fraction.

Answers:

- a  $10/3$    b  $19/7$    c  $22/5$    d  $23/4$    e  $19/10$   
f  $34/5$    g  $17/8$    h  $14/9$    i  $29/6$    j  $67/10$

Q4. Convert into mixed numbers.

Page no. 104

Answers:

- a  $7 \frac{1}{6}$    b  $3 \frac{4}{7}$    c  $3 \frac{1}{4}$    d  $6 \frac{1}{8}$    e 3  
f  $5 \frac{5}{10}$    g  $6 \frac{4}{5}$    h  $8 \frac{6}{7}$    i  $5 \frac{4}{15}$    j  $5 \frac{1}{12}$

Q1. Solve the following.

Answers:

- a  $5 \frac{2}{3}$    b  $1 \frac{3}{7}$    c  $3 \frac{2}{11}$    d  $8 \frac{4}{5}$    e  $2 \frac{2}{13}$   
f  $8 \frac{8}{9}$    g  $7 \frac{6}{7}$    h  $11 \frac{10}{1}$    i  $1 \frac{7}{9}$

Q1. Multiply or divide to write equivalent fractions.

Page no. 106

Answers:

a) $3/6$	$9/18$	b) $4/8$	$16/32$
c) $14/21$	$98/147$	d) $30/50$	$300/500$
e) $3/6$	$1/2$	f) $4/10$	$2/5$
g) $6/8$	$3/4$	h) $10/20$	$1/2$

Q1. Fill in the missing numerator or denominator.  
(by multiplication)

Page no. 108

Answers:

a) 4	b) 9	c) 2	d) 10	e) 16	f) 9
g) 16	h) 6	i) 10	j) 15	k) 10	l) 28

Q2. Fill in the missing numerator or denominator. (by division)

Answers:

a) 1	b) 1	c) 3	d) 3	e) 8	f) 3
g) 2	h) 5	i) 2	j) 8	k) 5	l) 7

Q1. Add or subtract.

Page no. 110

Answers:

a) $2/8$	$1/4$	b) $5/10$	$1/2$	c) $12/15$	$4/5$
d) $10/20$	$1/2$	e) $7/14$	$1/2$	f) $14/18$	$7/9$
g) $2/22$	$1/11$	h) $15/20$	$3/4$	i) $8/42$	$4/21$
j) $10/12$	$5/6$				

Q1. Add or subtract.

Page no. 113

Answers:

a) $6/8$	b) $8/10$	$4/5$	c) $13/20$	d) $1/10$
e) $5/8$	f) $1/12$	$2/24$	g) $1/14$	$2/28$

Q1. Solve by finding the LCM of the denominators:

Page no. 115

Answers:

a  $10/6, 1\ 2/3$

b  $13/10, 1\ 3/10$

c  $17/21$

d  $26/35$

e  $19/12, 1\ 7/12$

f

Q2. Solve by finding the LCM of the denominators:

Answers:

a  $1\ 1/14$

b  $1/15$

c  $1/4$

d  $19/24$

e  $11/20$

f  $3/8$

g  $2\ 2/9$

h  $7/20$

i  $1\ 7/12$

Q1. Read and solve.

Page no. 117

Answers:

a  $5/7, 2/7$

b  $9/10, 1/10$

c  $7/8, 1/8$

d  $4/12$  or  $1/3$

e  $4/12$  or  $1/3$

f Sana,  $1\ 2/8$  or  $1\ 1/4$

Q1. Multiply and give answer as mixed numbers.

Page no. 120

Answers:

a  $1\ 1/2$

b  $2\ 2/3$

c  $2\ 1/4$

d  $2\ 4/9$

e  $4\ 1/6$

f 6

Q1. Divide the fractions and give answer in simplest form.

Answers:

a  $1/14$

b  $1/40$

c  $1/7$

d  $4/27$

e  $2/21$

f  $1/4$

Q1. Complete the table.

Page no. 124

Answers:

- a  $3\frac{3}{10}$  0.3      b  $1\frac{4}{10}$  1.4      c  $2\frac{1}{10}$  2.1  
 d  $3\frac{3}{10}$  3.3      e  $3\frac{9}{10}$  3.9

Q1. Fill in the missing decimal numbers.

Page no. 126-127

Answers:

- a 1.27 1.28 1.29 1.30 1.31 1.32 1.33  
 b 5.51 5.52 5.53 5.54 5.55 5.56 5.57 5.58 5.59  
 c 1.09 1.10 1.11 1.12 1.13 1.14 1.15 1.16 1.17  
 d 31.05 31.06 31.07 31.08 31.09 31.10 31.11 31.12 31.13  
 e 44.97 44.98 44.99 45.00 45.01 45.02 45.03 45.04 45.05

Q2. Write the following in decimals.

Answers:

- a 5.9      b 0.47      c 8.71      d 99.9  
 e 2.5      f 37.4      g 88.8      h 0.9

Q3. Write in expanded form.

Answers:

- b  $200+0+3+2\frac{10}{10}+1\frac{100}{100}$       c  $7000+0+30+2+2\frac{10}{10}+9\frac{100}{100}$   
 d  $1000+500+0+0+3\frac{100}{100}$       e  $2000+0+10+0+5\frac{10}{10}+5\frac{100}{100}$

Q4. Write true or false.

Answers:

- a T      b T      c F      d T  
 e F      f T      g T      h F

Q5. Arrange the numbers from smallest to biggest.

Page no. 128

Answers:

- a 1.08 1.18 1.70 1.80 1.81  
 b 18.03 19.04 19.30 19.34 20.01  
 c 7.50 7.55 7.56 7.60 7.65  
 d 22.44 24.24 40.20 42.24 44.22  
 e 44.44 54.45 55.55 55.66 66.55

Q1. Write these numbers in expanded form.

Page no. 130

Answers:

- a  $5+1/10+1/100+6/1000$       b  $9+9/10+9/100+9/1000$   
 c  $20+5+3/100+8/1000$       d  $40+0+5/10+7/1000$

Q2. Arrange the numbers from biggest to smallest.

Answers:

- a 1.188    1.185    1.180    1.088    1.018  
 b 4.555    4.355    4.333    4.053    4.035  
 c 7.789    7.676    7.656    7.655    7.566  
 d 44.022    42.240    40.002    24.204    22.440  
 e 66.556    55.666    55.556    54.456    44.556

Q1. Write down the equivalent decimal numbers.

Page no. 131

Answers:

- a 1.30    1.300      b 23.40    23.400      c 69.90    69.900  
 d 10.1    10.10      e 72.150    72.1500      f 1.5    1.500  
 g 10.1    10.100      h 55.130    55.1300      i 69.090    69.0900

Q1. Match decimal numbers with correct fraction.

Page no. 132

Answers:

- a 0.6      b 0.99      c 0.303      d 0.25      e 0.045  
 f 0.87      g 0.2      h 0.75      i 0.65      j 0.511

Q2. Convert into mixed numbers.

Answers:

- a  $2 \frac{1}{10}$       b  $8 \frac{4}{10}$       c  $7 \frac{77}{100}$   
 d  $9 \frac{45}{100}$       e  $10 \frac{3}{10}$       f  $8 \frac{2}{10}$   
 g  $5 \frac{612}{100}$       h  $12 \frac{333}{1000}$       i  $6 \frac{2}{10}$

Q3. Convert into decimal numbers.

Answers:

- a 22.2      b 2.233      c 25.05      d 10.002      e 15.75  
 f 90.9      g 12.054      h 11.43      i 30.20

Q1. Fill in the blanks.

Page no. 133

Answers:

a =       b =       c <       d >       e >  
 f =       g <       h <       i >

Q1. Copy and complete the questions.

Page no. 135

Answers:

a 2.196       b 4.363       c 4.478       d 23.411       e 1.139  
 f 4.08       g 8.605       h 6.291       i 13.069

Q2. Read and solve.

Answers:

a 2.339       b 6.004       c 55.845       d Saad, 0.16       e 1.09  
 f 61.05       g Yes       h 0.65       i 2.36       j 3.75

Q1. Solve the questions.

Page no. 138

Answers:

a 0.72       b 122.4       c 0.75       d 6.5       e 105  
 f 1.31       g 21.21       h 190.89       i 2.625       j 35.46  
 k 0.21       l 3.14       m 30.66       n 0.67       o 2.58

Q2. Read and solve.

Page no. 139

Answers:

a 4.25       b 151.5       c 9.56       d 58.75  
 e 51.6, 2.72       f 11.25       g 1804.9, 401.0, 2

Q1. Complete the multiplication sentences.

Page no. 141

Answers:

a 4.5       b 99       c 230       d 12.5       e 335       f 2220

Q2. Complete the division sentences.

Answers:

a 0.25       b 0.33       c 0.555       d 0.189       e 0.545       f 0.1

Q1. Write in expanded form.

Page no. 142

Answers:

- a  $2,000,000 + 300,000 + 40,000 + 5,000 + 100 + 0 + 0$   
 b  $1,000,000 + 0 + 0 + 0 + 100 + 10 + 1$   
 c  $9,000,000 + 100,000 + 50,000 + 5,000 + 0 + 0 + 1$   
 d  $1,000,000 + 700,000 + 60,000 + 7,000 + 0 + 0 + 0$   
 e  $900,000 + 20,000 + 2,000 + 200 + 90 + 2$   
 f  $800,000 + 70,000 + 1,000 + 600 + 10 + 7$   
 g  $500,000 + 0 + 0 + 500 + 0 + 5$   
 h  $300,000 + 20,000 + 1,000 + 900 + 50 + 0$   
 i  $600,000 + 50,000 + 4,000 + 200 + 40 + 9$

Q2. Fill in the blanks.

Page no. 149

Answers:

- a 5,000                      b 90,000                      c 10  
 d 800,000                      e 2,000                      f 100,000  
 g 200,000    60.000    h 700.000    0  
 i 900,000    1,000    40                      j 70,000    600    70

Q3. Write the numbers in words and insert comma.

Page no. 143

Answers:

- a 7,89,543    789,543                      b 1,10,101    110,101  
 c 69,135    69.135                      d 9,90,323    990,232  
 e 9,09,099    909,099                      f 12,45,901    1,245,901  
 g 51,551    51,551                      h 1,09,022    109,022  
 i 27,11,089    2.711,089

Q4. Round off the numbers.

Answers:

- a 10    40    110    400    550    6,760    5,330    2,710    5,000  
 b 100    100    100    200    800    6,100    5,800    2,000    5,000  
 c 0    1,000    1,000    2,000    1,000    4,000    5,000    7,000    5,000

Q5. Solve the following.

Page no. 144

Answers:

- |           |           |           |           |          |
|-----------|-----------|-----------|-----------|----------|
| a 156,413 | b 67,949  | c 199,418 | d 14,832  | e 71,408 |
| f 952,088 | g 90,867  | h 11,338  | i 259,931 | j 98,465 |
| k 20,829  | l 900,512 | m 98,465  | n 86,020  | o 98,465 |
| p 17,031  | q 41,778  | r 9,031   |           |          |

Q6. Find the product.

Answers:

- |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|
| a 36,504  | b 71,709  | c 591,519 | d 62,405  | e 255,486 |
| f 543,932 | g 10,570  | h 206,393 | i 295,862 | j 18,833  |
| k 332,750 | l 440,829 | m 31,008  | n 346,248 | o 677,388 |

Q7. Find the quotient:

Page no. 145

Answers:

- |            |             |             |             |
|------------|-------------|-------------|-------------|
| a 471      | b 230 20/26 | c 228 17/43 | d 988 288   |
| e 11/25    | f 87        | g 121       | h 481 6/18  |
| i 163 4/53 | j 303       | k 146 9/16  | l 114 58/62 |
| m 275 1/22 | n 114       | o 107 52/82 |             |

Q8. Fill in the blanks

Answers:

- |             |         |         |           |            |
|-------------|---------|---------|-----------|------------|
| a 1,010     | 10,100  | 101,000 | 1,010,000 | 10,100,000 |
| b 3,450,000 | 345,000 | 34,500  | 3,450     | 345        |
| c 200       | 2,000   | 20,000  | 200,000   | 2,000,000  |
| d 900,000   | 90,000  | 9,000   | 900       | 90         |

Q9. Solve the following.

Page no. 146

Answers:

- |       |      |      |      |       |
|-------|------|------|------|-------|
| a 18  | b 2  | c 63 | d 52 | e 788 |
| f 156 | g 87 | h 84 | i 12 | j 84  |
| k 142 | l 33 | m 64 | n 91 | o 43  |

Q10. Solve the questions.

Page no. 146

Answers:

- a 18,515      b 15      c 183      d 56      e 4,422  
f 287      g 26,460      h 416      i 18

Q11. Find HCF and LCM.

Answers:

- a 4, 40      b 10,60      c 5, 120      d 3, 72      e 5, 175  
f 8, 48      g 2, 140      h 6, 36      i 4, 60

Q12. Read and solve.

Page no. 147

Answers:

- a 3,000      10,500      b 368      c 3  
d 10,500      100      e 3 26

Q13. Write down the fractions representing shaded part.

Page no. 148

Answers:

- a  $\frac{2}{3}$       b  $\frac{2}{3}$       c  $\frac{3}{5}$       d  $\frac{1}{2}$       e  $\frac{1}{2}$

Q14. Write down the mixed numbers as improper fractions.

Answers:

- a  $\frac{14}{3}$       b  $\frac{11}{3}$       c  $\frac{11}{4}$       d  $\frac{25}{8}$       e  $\frac{25}{6}$   
f  $\frac{23}{10}$       g  $\frac{16}{7}$       h  $\frac{66}{12}$       i  $\frac{90}{9}$

Q15. Write down the improper fractions as mixed numbers.

Page no. 149

Answers:

- a  $4\frac{3}{4}$       b  $7\frac{2}{3}$       c  $3\frac{4}{7}$       d  $9\frac{1}{2}$       e  $5\frac{2}{3}$   
f  $4\frac{3}{5}$       g  $1\frac{1}{10}$       h  $12\frac{1}{8}$       i  $8\frac{1}{14}$

Q16. Solve the following.

Page no. 150

Answers:

- a  $\frac{1}{4}$       b  $\frac{1}{3}$       c  $\frac{1}{4}$       d  $\frac{4}{9}$       e 1  
f  $\frac{1}{2}$       g  $1\frac{5}{11}$       h  $\frac{3}{8}$       i  $1\frac{1}{17}$

Q17. Solve the following.

Answers:

- a  $11/12$     b  $11/12$     c  $9/10$     d  $1 \frac{1}{10}$     e  $1 \frac{1}{18}$

Q18. Solve the following.

Answers:

- a  $1/7$     b  $9/11$     c  $3 \frac{1}{3}$     d  $8/20$     e  $5/6$   
 f  $1/6$     g  $19/20$     h  $1/11$     i  $13 \frac{5}{6}$

Q19. Find out how many.

Page no. 152

Answers:

- a 3    b 12    c 12    d 8    e 12  
 f 21    g 14    h 20    i 80    j 600

For part g. Read question as  $1/4$  of 96

Q20. Find the sum/difference.

Page no. 153

Answers:

- a 6.43    b 8.95    c 19.13    d 9.7    e 19.00  
 f 75.48    g 13.29    h 12.55    i 30.97

Q21. Write down the place value.

Answers:

- |   |        |       |       |        |     |      |    |
|---|--------|-------|-------|--------|-----|------|----|
| a | 8/1000 | 8,000 | 8/100 | 8      | 80  |      |    |
| b | 3      | 3,000 | 3/100 | 3/1000 | 300 | 3/10 | 30 |
| c | 50     | 5,000 | 5/10  | 5/100  | 5   | 5    | 50 |

Q22. Complete the tables.

Answers:

- |   |        |         |        |   |         |         |          |
|---|--------|---------|--------|---|---------|---------|----------|
| a | 120    | 1,200   | 12,000 | b | 300     | 30      | 3        |
|   | 443    | 4,430   | 44,300 |   | 240     | 24      | 2.4      |
|   | 807.5  | 8,075   | 80,750 |   | 67.54   | 6.754   | 0.6754   |
|   | 96.74  | 967.4   | 9,674  |   | 2.639   | 0.2639  | 0.02639  |
|   | 305.55 | 3,055.5 | 30,555 |   | 16.4235 | 1.64235 | 0.164235 |

Q1. Solve the questions.

Page no. 157

Answers:

- a 4 kg 235 g      b 376 cm 2 mm      c 4 m 280 cm      d 23 km 550 m  
 e 76 l 474 ml      f 6 l 656 ml      g 3 kg 190 g      h 80 kg 100 g  
 i 32 k 655 ml      j 234 km 470 m

Q2. Fill in the blanks.

Answers:

- a 60      b 1800      c 1500      d 200      e 3800  
 f 250      g 120      h 1800      i 420      j 13500

Q2. Fill in the blanks.

Page no. 158

Answers:

- a 8      b 1.5      c 2.5      d 1      e 2  
 f 12.5      g 20      h 2.34      i 3.75      j 3.5

Q1. Solve the questions.

Page no. 159

Answers:

- a 1000 250      b 1600 400      c 300 50      d 3,300 550  
 e 2000 1500      f 5600 1400      g 2400 800      h 3550 710  
 i 2500 500      j 10500 1750

Q2. Read and solve.

Page no. 160

Answers:

- a 605 g      b 1 kg 895 g      c 675 ml      d 11 m 12 mm  
 e 10 km 102 m      f 25 l 44 ml      g 12 kg Rs 1800      h 7 l 750 ml  
 i 257 km      j 81, 27 cm      k 54.5 l      l 30 kg 300 cg

Q1. Find the arrival time.

Page no. 164

Answers:

- (b) 1:00 pm      (c) 04:05 pm      (d) 08:15 pm

Q2. Find the elapsed time.

Page no. 165, 166

Answers:

- (a) 3 hours 25 min      (b) 3 hours 10 min      (c) 3 hours 15 min  
(d) 1 hour 50 min      (e) 9 hours 29 min

Q1. Fill in the blanks.

Page no. 167

Answers:

- (a) 1800      (b) 4      (c) 3      (d) 36      (e) 120  
(f) 24      (g) 35      (h) 3      (i) 2      (j) 3  
(k) 4      (l) 3      (m) 4      (n) 10

Q1. Fill in the blanks.

Page no. 168

Answers:

- (a) 60    15      (b) 60    10      (c) 180    60      (d) 12    3  
(e) 24    4      (f) 60    10      (g) 60    12      (h) 30    5  
(i) 10    5      (j) 100    25

Q1. Solve the questions.

Page no. 171

Answers:

- (a) 9h 15m      (b) 11h 5m      (c) 12h 45m      (d) 13h 40m      (e) 24h 45m  
(f) 50m      (g) 41h 9m      (h) 2h 30m      (i) 1h 5m      (j) 19m 4

Q2. Solve the questions.

Answers:

- a 40min 7s      b 6min 17s      c 25hrs 14min      d 23hrs 12min  
e 28w 3 d      f 4 w 5 d      g 14m 19      h 4w 8d  
i 5y 8 m      j 82 y 10 m

For part e. Read the question as: 16 hrs 34 min + 8 hrs 40 min

Q3. Read and solve.

Page no. 172,173

Answers:

- a 6m 50s      b 14h 20m      c 52 sec      d 7 hours 35 hours  
e 1 hour 15 min      f 3 hours      g 40 min      h 14 days or 2 weeks  
i 21 hours      j 36 hours

Q1. Round off the amounts.

Page no. 176

Answers:

- (a) 2,010      (b) 15,880      (c) 5,100      (d) 35,010      (e) 10,000  
(f) 12,300      (g) 9,600      (h) 69,000      (i) 90,000

Q2. Arrange the amounts in descending order.

Answers:

- (b) 100,100      10,990      10,009  
(c) 302,200      230,230      203,022  
(d) 11.11      11.10      10.11      10.10  
(e) 991,001      199,005      191,500      119,500

Q3. Read and solve.

Page no. 178

Answers:

- (a) 19,500      (b) 145,400      (c) 105,500      (d) 29,200  
(e) A sofa and a bed      (f) 600      (g) 3,600

Q4. Answer the following.

Answers:

- (a) 215      (b) 920      (c) 2180      (d) 3 pizzas and 3 juices

Q1. Answer the following:

Page no. 181

Answers:

- (a) \$61.6      (b) £361.25      (c) \$300.8      (d) \$361      (e) £266.6

Q1. Answer the following:

Page no. 183

Answers:

- (a) \$320      (b) £82.8      (c) Rs 31,283      (d) £201      (e) \$325.65  
(f) Rs 20,003      (g) \$31,097.75      (h) £34,888      (i) Rs 99,000.91

Q1. Check if it is profit or loss.

Page no. 185

Answers:

- (a) Profit      (b) Loss      (c) Loss      (d) Profit      (e) Profit

Q1: Write answer in the given spaces:

Page no. 190

Answers:

- a  $30^\circ$       b  $50^\circ$       c  $55^\circ$       d  $110^\circ$   
e  $70^\circ$       f  $90^\circ$       g  $100^\circ$

Q1. Draw angles.

Page no. 191

Answers:

- a Straight      b Acute      c Obtuse      d Right

Q1. Name each pair of lines.

Page no. 193

Answers:

- a Parallel      b Perpendicular  
c Intersecting but not perpendicular      d Intersecting but not perpendicular  
e Perpendicular      f Intersecting but not perpendicular

Q1. Complete the table.

Page no. 195

Answers:

- a 3, 3      b 4, 4      c 5, 5      d 6, 6  
e 7, 7      f 8, 8

Q1. Label the triangles.

Page no. 196, 197

Answers:

- a Acute      b Right      c Obtuse      d Right      e Obtuse  
f Acute      g Obtuse      h Acute      i right

Q1: find the perimeter. (Practice H)

Page no. 198, 199

Answers:

- a 24 cm       b 28 cm       c 15 cm       d 19 cm       e 16 cm

Q1. Find the area.

Page no. 200

Answers:

- a 3 sq cm       b 4 sq cm       c 6 sq cm       d 6 sq cm       e 6 sq cm

Q1. Read and solve. Read the units of measurement as cm<sup>2</sup>

Page no. 202

Answers:

- a 6 cm (Read the area as: 42 cm<sup>2</sup>)       b 5 cm  
 c 6 cm (Read the area as 72 cm<sup>2</sup>)       d 4 cm (Read the area as 80 cm<sup>2</sup>)  
 e 4 cm

Q1. Write the radius and diameter.

Page no. 204

Answers:

- a 1.2 cm      2.4 cm       b 2 cm      4 cm  
 c 1.7 cm      3.4 cm       d 2.7 cm      5.4 cm

Q1. Write down the names of 3D shapes. (Practice M)

Answers:

- a Cone       b Cube       c Cylinder       d Pyramid  
 e Sphere       f Cuboid

Q1. Write down the volume.

Page no. 205

Answers:

- a 8 cm cube       b 9cm cube       c 8cm cube       d 11cm cube

Q1. Answer the questions.

Page no. 206

Answers:

- a Wednesday      b 6      c Monday      d 12

Q1. Fill in the blanks.

Page no. 207

Answers:

- a 2      b Fahad      c 2.5      d 3

Q1. Answer the questions.

Page no. 208, 209

Answers:

- a 2:00 pm      b 8:00 am      c 10°C      d 8°C

Q2. Answer the questions.

Answers:

- a 12      b 17      c Tennis      d Swimming      e 3

Q3. Answer the questions.

Answers:

- a 120      b 185      c April      d February      e 25

Q4. Answer the questions.

Page no. 210

Answers:

- a 100 g      b 100 g      c 350 g      d 225 g

Q1. Find mean, median and mode.

Page no. 212

Answers:

- |   |             |             |         |
|---|-------------|-------------|---------|
| a | Mean=12     | Median=12   | Mode=15 |
| b | Mean=3.2    | Median=3.5  | Mode=4  |
| c | Mean=10.8   | Median=10   | Mode=10 |
| d | Mean= 14.83 | Median=15.5 | Mode=20 |

Q2. Answers:

Group A: 6.6

Group B: 7.8

Group C: 5.8

Group B has more toy cars

Q3. Find the median.

Page no. 213

Answers:

- a 9                      b 12                      c 18                      d 15  
e 28                      f 38                      g 56

Q4. Find the mode.

Answers:

- a 23                      b 9                      c 24, 12                      d 9  
e 30                      f 14                      g 66

Q1. Fill in the blanks.

Page no. 214

Answers:

- a Certain                      b Likely                      c Likely                      d Likely  
e Impossible                      f Certain

Q1. Write down the next 5 numbers and repeated patterns.

Page no. 215

Answers:

- a 310, 300, 290, 280, 270; subtract 10                      b 66, 55, 44, 33, 22; subtract 11  
c 18, 23, 28, 33, 38; add 5                      d 122, 119, 116, 113, 110; subtract 3  
e 170, 175, 180, 185, 190; add 5

Q1. Match the sentences.

Page no. 219

Answers:

- a 4                      b 5                      c 2                      d 6                      e 1                      f 7                      g 3

Q2. Write the expressions as sentences.

Answers:

- b A number a subtracted from 50                      c A number b multiplied by 15  
d A number f divided by 2                      e A number g multiplied by 18

Q3. Write numbers in place of the given alphabets.

Answers:

- a 4                      b 12                      c 8                      d 9                      e 50  
f 30                      g 6                      h 20                      i 28

Q1. Complete the table.

Page no. 220

Answers:

- |   |      |       |       |       |   |       |       |       |      |
|---|------|-------|-------|-------|---|-------|-------|-------|------|
| a | 560  | 880   | 1000  | 1500  | b | 24.4  | 5.2   | 10    |      |
| c | 5600 | 16750 | 21224 | 35000 | d | 0.056 | 0.088 | 0.1   | 1    |
| e | 5.5  | 1.8   | 0.65  | 12.5  | f | 0.78  | 5.12  | 9.012 | 15.7 |

Q2. Find the ending time.

Page no. 221

Answers:

- a 19:45      b 14:05      c 18:05      d 12:35      e 12:30

Q3. Answer the questions.

Page no. 222

Answers:

- a 510      b 450      c 310      d 2 kg garlic      e 700

Q4. Calculate the cost of the shopping bills.

Page no. 223, 224

Answers:

- a \$190.75      b £26.2

Q5. Answer the questions.

Answers:

- a 6, \$1      b 8, \$2      c 6, Rs 15      d 33, \$0.25      e 2, Rs 150

Q7. Identify the lines.

Answers:

- |   |                                    |   |                                    |
|---|------------------------------------|---|------------------------------------|
| a | Parallel                           | b | Intersecting but not perpendicular |
| c | Perpendicular                      | d | Perpendicular                      |
| e | Intersecting but not perpendicular |   |                                    |

Q8. Identify the angles.

Page no. 222

Answers:

- a Acute    b Obtuse    c Acute    d Obtuse    e Right    f Right

Q10. Find out the area and perimeter.

Page no. 226

Answers:

- a 2sq cm    6 cm    b 6sq cm    14 cm    c 15sq cm    16 cm  
d 12sq cm    14 cm    e 8sq cm    12 cm    f 18sq cm    18 cm

Measure the length and find out the area and perimeter.

Page no. 220

Answers:

- a 2 cm    4 sq cm    8 cm    b 3 cm    9 sq cm    12 cm  
c 4 cm    16 sq cm    16 cm    d 5 cm    25 sq cm    20 cm  
e 7 cm    49 sq cm    28 cm

Q13. Complete the table.

Page no. 228, 229

Answers:

- a 25    b 30    c 40    d 60  
e 55    f 65    g 80

Q14. Write down the expression.

Answers:

- a  $a - 7$     b  $5 \times a$     c  $a \div 2$     d  $a + 100$   
e  $99 - a$     f  $3a \div 4$



# TALKING NUMBERS

## Answer Keys

