

TALKING NUMBERS

MATHEMATICS BOOK 3
ANSWER KEY



Numbers
your new
pals

TALKING NUMBERS

MATHEMATICS BOOK 3

Answer Book



Developed by: Noshi Usman



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Add comma in the correct place:

Page no. 9

Answers:

- | | | | |
|----------|----------|---------|---------|
| a 20,321 | b 34,000 | c 234 | d 7,890 |
| e 56,012 | f 10,002 | g 2,398 | h 997 |
| i 98 | j 45,098 | | |

Write the numbers represented by the figures in digits:

Page no. 10

Answers:

- | | | | |
|---------|---------|---------|---------|
| a 3,573 | b 5,124 | c 6,220 | d 8,999 |
|---------|---------|---------|---------|

Complete the following table by filling in the blanks:

Page no. 12

Answers:

One thousand, six hundred and eighty one

$$6,000 + 200 + 30 + 3 \quad ; \quad 6,233$$

$$10,000 + 1,000 + 300 + 0 + 8 \quad ; \quad \text{eleven thousand, three hundred and eight}$$

$$25,000 \quad ; \quad \text{twenty-five thousand}$$

$$40,000 + 4,000 + 400 + 10 + 8 \quad ; \quad 44,418$$

$$30,460 \quad ; \quad \text{thirty thousand, four hundred and sixty}$$

$$50,000 + 1,000 + 600 + 0 + 5 \quad ; \quad \text{fifty one thousand, six hundred and five}$$

$$70,000 + 7,000 + 700 + 70 + 7 \quad ; \quad 77,777$$

Answers:

Page no. 13

- | | | |
|------------------|-----------------|----------|
| a 800 ; 6 | b 9000 ; 50 | c 40 ; 0 |
| d 5000 ; 300 ; 0 | e 2000 ; 70 ; 9 | f 20350 |

Read the given statements and write down the numbers in digits:

Page no. 12

Answers:

- | | | | |
|---------|---------|------------------|----------|
| a 3,572 | b 601 | c 12,088 | d 27,052 |
| e 70 | f 3,004 | Challenge 10,020 | |

Write down the next three numbers for each of the numbers given below:

Page no. 15

Answers:

- | | |
|-------------------------|-------------------------|
| a) 59 60 61 | b) 198 199 200 |
| c) 1,001 1,002 1,003 | d) 2,011 2,012 2,013 |
| e) 3,457 3,458 3,459 | f) 9,999 10,000 10,001 |
| g) 20,201 20,202 20,203 | h) 65,433 65,434 65,435 |

Write down the number that comes before the given number:

Answers:

- | | | | |
|----------|----------|----------|-----------|
| a) 58 | b) 89 | c) 106 | d) 144 |
| e) 144 | f) 179 | g) 878 | h) 1,044 |
| i) 2,267 | j) 6,589 | k) 9,999 | l) 34,788 |

For part 'e' read 145 in the book.

Write down the numbers from 1,100 to 5,000 by skip counting in 100s.

Page no. 16

Answers:

1,400 1,500 1,600 1,700 1,800 1,900 2,000 2,100 2,200 2,300
 2,400 2,500 2,600 2,700 2,800 2,900 3,000 3,100 3,200 3,300
 3,400 3,500 3,600 3,700 3,800 3,900 4,000 4,100 4,200 4,300
 4,400 4,500 4,600 4,700 4,800 4,900 5,000

Write down the next three numbers by skip counting in 10s for each of the numbers given below:

Answers:

- | | | | | | |
|-----------|--------|--------|-----------|--------|--------|
| a) 70 | 80 | 90 | b) 192 | 202 | 212 |
| c) 915 | 925 | 935 | d) 1,120 | 1,130 | 1,140 |
| e) 4,471 | 4,481 | 4,491 | f) 6,782 | 6,792 | 6,802 |
| g) 10,010 | 10,020 | 10,030 | h) 45,688 | 45,698 | 45,708 |

Answers:

Page no. 17

- | | | | | |
|---------|-------|---------|------------|-------|
| a) T | b) U | c) H | d) T | e) Th |
| f) T Th | g) Th | h) H, U | i) T Th, T | |

Circle the digit in the numbers given below at the required place value.

Page no. 15

Answers:

Hundred's place a) 8 b) 4 c) 6 d) 0

Unit's place a) 0 b) 1 c) 1 d) 9

Thousand's place a) 6 b) 2 c) 0 d) 6

Ten thousand's place a) 1 b) 5 c) 2 d) 4

Compare and write $<$, $>$ or $=$

Page no. 20

Answers:

a) $>$ b) $<$ c) $>$ d) $<$ e) $<$ f) $=$

g) $>$ h) $<$ i) $<$ j) $<$ k) $=$ l) $=$

Arrange the numbers in ascending order:

Answers:

a) 456 546 654 b) 900 901 910
 c) 1,001 1,100 1,200 d) 1,350 1,360 1,370
 e) 2,356 2,536 2,635 f) 12,000 20,000 21,000

Write down the odd numbers that are greater than 4,124 and less than 4,148

Page no. 22

Answers:

4,127 4,129 4,131 4,133 4,135 4,137
 4,139 4,141 4,143 4,145 4,147

In the given number chart write the numbers from 1,230 to 1,299 and colour the even numbers with blue, while odd numbers with green. (Grey shows green and black as blue)

Answers:

1,230	1,231	1,232	1,233	1,234	1,235	1,236	1,237
1,238	1,239	1,240	1,241	1,242	1,243	1,244	1,245
1,246	1,247	1,248	1,249	1,250	1,251	1,252	1,253
1,254	1,255	1,256	1,257	1,258	1,259	1,260	1,261
1,262	1,263	1,264	1,265	1,266	1,267	1,268	1,269
1,270	1,271	1,272	1,273	1,274	1,275	1,276	1,277
1,278	1,279	1,280	1,281	1,282	1,283	1,284	1,285
1,286	1,287	1,288	1,289	1,290	1,291	1,292	1,293
1,294	1,295	1,296	1,297	1,298	1,299		

Answers:

Page no. 23

I II III V VI VII VIII X XI XIII XIV XV

Answers:

Page no. 24

XXII XXIII XXIV XXV XXVI XXVII XXVIII XXIX XXX

Answers:

Page no. 25

a 65 b 150 c 91 d 77 e 600 f 39

Fill in the blanks to make correct equations:

Page no. 28

Answers:

- a 5, 55, 55 b 25, 25, 25 c 20, 120, 120 d 80, 70, 70
 e 1, 100, 100 f 160, 40, 40 g 20, 250, 250 h 300, 100, 100

Solve the following addition questions:

Page no. 30-31

Answers:

- a 7,031 b 8,804 c 6,111 d 6,422 e 8,922
 f 9,789 g 5,675 h 7,980 i 1,876 j 4,379
 k 2,079 l 6,909 m 2,257 n 9,944 o 3,082
 p 6,086 q 5,184 r 3,883

Practice for subtraction:

Page no. 34

Answers:

- a 4,313 b 888 c 4,140 d 1,247 e 7,334 f 3,277
 g 5,747 h 5,435 i 5,658 j 2,169 k 223 l 1,473

A: Cricket series

Page no. 35

Answers:

- a 43,965 b 83,865 c 7,585 d Rawalpindi e 875

B: Juice Factory

Page no. 36

Answers:

- a 88,600 b 5,300 c 11,400
 d January, February e eighty-eight thousand and six hundred

Complete the following:

Page no. 38-39

Answers:

- a 30 130 1,130 11,130 b 30 130 1,130 11,130
 c 10 100 1,000 10,000 d 4 49 149 1,149
 e 110 210 1,210 11,210 f 900 1,100 1,200 1,900
 g 6,000 3,000 1,900 1,090 h 4,000 1,200 200 0

Write the next three numbers in each of the following number sequences. Also write the rule.

Answers:

a 90 110 130; add 20

b 60 50 40; subtract 10

c 511 611 711; add 100

d 250 200 150; subtract 50

e 900 1,000 1,100; add 100

f 400 440 480; add 40

Look at the following groups of shapes and answer how many:

Page no. 42-43

Answers:

- a 3, 2, 3, 2, 6 b 2, 6, 2, 6, 12 c 2, 4, 2, 4, 8 d 3, 6, 3, 6, 18
 e 3, 8, 3, 8, 24 f 3, 10, 3, 10, 30 g 5, 7, 5, 7, 35

Counting in groups. Complete the following table:

Page no. 44-45

Answers:

- a 4, 6, 10, 12, 16, 20
 b 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
 c 0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48
 d 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60
 e 0, 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72
 f 0, 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84
 g 0, 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96
 h 0, 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108
 i 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120

Find the product by making use of tables:

Page no. 46

Answers:

- a 12 b 8 c 30 d 56 e 40
 f 16 g 27 h 35 i 54 j 24
 k 40 l 21 m 32 n 10 o 48

Find the product by making use of tables:

Page no. 48

Answers:

- a 12 b 8 c 30 d 56 e 40
 f 16 g 27 h 35 i 54 j 24
 k 40 l 21 m 32 n 10 o 48

Practice: three-digit addition

Page no. 48

Answers:

- a 936 b 488 c 660 d 854 e 702 f 976
 g 747 h 785 i 1,044 j 774 k 1,000 l 815

Following the same pattern complete the table below:

Page no. 50

Answers:

0	1	10	100	1,000	10,000
0	2	20	200	2,000	20,000
0	5	50	500	5,000	50,000
0	8	80	800	8,000	80,000
0	10	100	1000	10,000	100,000

Complete the given table:

Page no. 51

Answers:

0, 11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, 132
 0, 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144
 0, 13, 26, 39, 52, 65, 78, 91, 104, 117, 130, 143, 156
 0, 14, 28, 42, 56, 70, 84, 98, 112, 126, 140, 154, 168
 0, 15, 30, 45, 60, 75, 90, 105, 120, 135, 150, 165, 180

Complete the following multiplication sentences:

Page no. 52

Answers:

a	48	b	72	c	65	d	99	e	56
f	28	g	75	h	105	i	84	j	39
k	70	l	90	m	66	n	45	o	104
p	98	q	60	r	78	s	50	t	22
u	84	v	120	For part 'v' please read it as 15 x 8.					

Read and solve:

Page no. 53-54

Answers:

a	3, 20, 60	b	5, 8, 40	c	7, 14, 98
d	9, 15, 135	e	5, 20, 100	f	8, 10, 80
g	2, 10, 2, 12, 2, 14 ; 20, 24, 28, 72				

Count and write:

Page no. 55

Answers:

a 9, 7, 63

b 10, 12, 120

c 13, 10, 130

d 15, 10, 150

e 2, 12, 4, 10, 24, 40, 64

Practice for multiplication. Do these questions in your notebook.

Page no. 48

Answers:

a 462

b 585

c 456

d 902

e 930

f 1064

g 396

h 130

i 300

j 247

k 180

l 950

Look at the following shapes. Put them into equal groups. Write the number of groups and the matching division sentence.

Page no. 60

Answers:

- a 8, 4, 4 b 18, 9, 18, 2, 9 c 10, 2, 5, 10, 2, 5
 d 9, 3, 3, 9, 3, 3 e 15, 5, 3, 15, 5, 3 f 24, 8, 3, 24, 8, 3
 g 21, 7, 3, 21, 7, 3

Make use of tables to complete the following:

Page no. 63

Answers:

- a 5, 7, 9 b 6, 7, 8, 9, 10 c 4, 5, 6, 7, 8
 d 6, 7, 8, 9, 10 e 5, 6, 7, 8, 9

Following the same pattern complete the tables given below:

Page no. 66

Answers:

- a 1, 20, 50, 100, 1000 b 10, 30, 50, 80, 100 c 1, 2, 3, 8, 10

Solve the following in your notebook:

Page no. 68

Answers:

- a Q=5, R=0 b Q=4, R=2 c Q=6, R=1 d Q=6, R=0
 e Q=9, R=5 f Q=9, R=1 g Q=8, R=0 h Q=8, R=2
 i Q=7, R=1 j Q=8, R=0 k Q=5, R=5 l Q=8, R=0

Recall and revise the tables to complete the following division sequence:

Answers:

- a 2 b 3, 3 c 4, 4 d 6, 6 e 7, 7
 f 8, 8 g 4, 4 h $140 \div 14 = 10$, $14 \times 10 = 140$
 i $105 \div 15 = 7$, $15 \times 7 = 105$

Read and solve:

Page no. 70

Answers:

- a 245 b 17, 2 c 124 d 16 e 29

In each of the following question a number is written in a different colour box. Fill in the blank with its name in the question:

Page no. 74

Answers:

- a Addendum b Quotient c Multiplicand d Subtrahend
 e Sum f Product g Minuend h Dividend

Complete the following sentences to show the commutative property and write the answer:

Page no. 75

Answers:

- a 9, 8, 17 b 29, 71, 100 c 200, 20, 220 d 9, 12, 108
 e 10, 35, 350 f 6, 1000, 6000

Complete the following sentences given below:

Page no. 76

Answers:

- a 4, 4, 2 b 10, 10, 31 c 6, 4, 6 d 12, 22, 12
 e 3, 3, 9 f 1, 33, 1, 66

Solve the following:

Page no. 77

Answers:

- a 11, 6 b 31, 11 c 52, 40 9, 3
 d $96 \div 8 \div 6 = 2$ e 10, 5 f 140, 30, 110
 g 55, 23, 32 h 45, 3, 15 i 60, 6, 360
 j 200, 1000, 1200 k 100, 100, 0 l 450, 0, 0

Read and solve. You will need to do 2 or more questions:

Page no. 79-80

Answers:

- a 72, 12 b 48, 4 c 21, 36 d 1,432, 307 e 18, 432
 (a) for part ii. read 108 instead of 100

Read and fill in the blanks with +, -, x, ÷.

Page no. 81

Answers:

- a x b - c + d ÷ e x
 f + g - h - i - j

Round off the following numbers to nearest 10:

Page no. 83

Answers:

a 10, 10, 50, 100, 140, 300, 580, 900

b 10, 10, 70, 80, 200, 560, 660, 980

Page no. 85

Answers:

a 60, 140, 200

b 130, 90, 40

c 50, 80, 4,000

d 140, 50, 90

e 180, 10, 190

f 120, 50, 70

g 80, 20, 4

h 200, 10, 2,000

i 130, 10, 13

Answers: a 10 b 3

Page no. 86

Finding a fraction of a group:

Answers:

a 9, 3 b 10, 2 c 12, 6 d 20, 5 e 12, 4 f 20, 2

Page no. 90

Read and solve:

Answers:

a 9 b 10 c 4, 8 d 4

Page no. 91

Recall and write down the fraction showing coloured parts:

Answers:

a $\frac{3}{5}$ b $\frac{1}{7}$ c $\frac{3}{10}$ d $\frac{3}{11}$ e $\frac{4}{9}$ f $\frac{1}{4}$

Page no. 92

How many coloured parts are in the figures?

Write them as mixed fractions:

Answers:

a 134 b 146 c 124 d 126 e 114 f 116

Page no. 94

Solve by drawing:

Answers:

a 114 b 123 c 112 d 125

Page no. 94

Insert < or > to show correct order for the given fractions. Write down in the given blank, if it is ascending order or descending order:

Page no. 97

Answers:

a >, >, descending order b <, <, ascending order c <, <, ascending order
d <, <, ascending order e <, <, ascending order f >, >, descending order

Complete these by writing $<$, $>$ or $=$.

Page no. 98

Answers:

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

Complete the following sentences:

Page no. 99

Answers:

- a $3/10$ b $14/15$ c $4/5$ d $14/17$ e $8/9$ f $3/4$
g $2/31$ h $2/12$ i $6/8$ j $3/10$ k $4/9$ l $2/5$

Addition and subtraction of mixed numbers:

Page no. 101

Solve the given questions:

Answers:

- a 568 b 8710 c 4521 d 429 e 31031
f 111011 g 555 h 1113 i 534 j 9610
k 9912 l $818 + 148 = 958$ m 5714 n 41113

Complete the following table:

Page no. 103-104

Answers:

- a forty-eight thousand, seven hundred and ninety-eight
- b sixty-two thousand, six hundred and seventy-one
- c forty-six thousand, seven hundred and nineteen
- d fifty-four thousand, two hundred and fifty-six
- e eighty-seven thousand, nine hundred and thirteen
- f ten thousand, nine hundred and ten
- g eighty three thousand, five hundred and sixty-seven
- h ninety-four thousand and sixty
- i eighty-five thousand, four hundred and fifty-seven
- j seven thousand, five hundred and ninety-nine
- k sixty five thousand, four hundred and seventy-nine
- l seventy four thousand and ninety-three
- m sixty-six thousand, three hundred and ninety-five
- n ninety-eight thousand and twenty-eight
- o nine thousand, three hundred and thirty-seven
- p sixty-six thousand, two hundred and seventy-five
- q eighty-six thousand, eight hundred and two
- r eighty-four thousand, six hundred and twenty-seven

Complete the following table:

Page no. 103-104

Answers:

- | | | |
|---|--|-------------------------|
| a | forty thousand, four hundred and eight | $40,000+400+0+8$ |
| b | sixty-two thousand, eight hundred and fifteen | $60,000+2,000+800+10+5$ |
| c | eleven thousand, eight hundred and twenty five | $10,000+1,000+800+20+5$ |
| d | forty thousand, three hundred and twenty | $40,000+300+20+0$ |
| e | eighty-five thousand, three hundred and thirty-three | $80,000+5,000+300+30+3$ |
| f | eighty-six thousand, two hundred and eighty-seven | $80,000+6,000+200+80+7$ |
| g | nine thousand, two hundred and forty-one | $9,000+200+40+1$ |
| h | thirteen thousand, six hundred and eighty-three | $10,000+3,000+600+80+3$ |

i	twenty-five thousand, eight hundred and fifty	$20,000+5,000+800+50+0$
j	eighty-nine thousand, one hundred and eighty-four	$80,000+9,000+100+80+4$
k	seventeen thousand, nine hundred and eighty-six	$10,000+7,000+900+80+6$
l	eighty thousand, three hundred and forty eight	$80,000+300+40+8$
m	fifty-one thousand, eight hundred and ninety-four	$51,000+800+90+4$
n	eighty thousand, four hundred and sixty	$80,000+400+60+0$
o	sixty-four thousand, nine hundred and ninety-six	$60,000+4,000+900+90+6$

Write the five numbers that comes after.

Page no. 105

Answers:

a	21,911	21,912	21,913	21,914	21,915
b	32,631	32,632	32,633	32,634	32,635
c	1,610	1,611	1,612	1,613	1,614
d	65,373	65,374	65,375	65,376	65,377
e	7,954	7,955	7,956	7,957	7,958
f	99,773	99,774	99,775	99,776	99,777
g	50,499	50,500	50,501	50,502,	50,503
h	45,600	45,601	45,602	45,603	45,604
i	98,669	98,670	98,671	98,672	98,673
j	27,256	27,257	27,258	27,259	27,260
k	81,995	81,996	81,997	81,998	81,999
l	80,204	80,205	80,206	80,207	80,208
m	89,870	89,871	89,872	89,873	89,874
n	73,578	73,579	73,580	73,581	73,582
o	5,415	5,416	5,417	5,418	5,419
p	81,072	81,073	81,074	81,075	81,076
q	53,096	53,097	53,098	53,099	53,100
r	54,523	54,524	54,525	54,526	54,527
q	24,038	24,039	24,040	24,041	24,042
r	1,718	1,719	1,720	1,721	1,722

Write the five numbers that come before.

Page no. 106

Answers:

a	85,071	85,072	85,073	85,074	85,075
b	15,982	15,983	15,984	15,985	15,986
c	48,603	48,604	48,605	48,606	48,607
d	67,521	67,522	67,523	67,524	67,525
e	7,098	7,099	7,100	7,101	7,102
f	2,173	2,174	2,175	2,176	2,177
g	50,987	50,988	50,989	50,990	50,991
h	50,776	50,777	50,778	50,779	50,780
i	27,408	27,409	27,410	27,411	27,412
j	46,704	46,705	46,706	46,707	46,708
k	48,903	48,904	48,905	48,906	48,907
l	76,044	76,045	76,046	76,047	76,048
m	98,080	98,081	98,082	98,083	98,084
n	63,511	63,512	63,513	63,514	63,515
o	1,215	1,216	1,217	1,218	1,219
p	28,610	28,611	28,612	28,613	28,614
q	84,263	84,264	84,265	84,266	84,267
r	1,222	1,223	1,224	1,225	1,226
q	13,581	13,582	13,583	13,584	13,585
r	55,532	55,533	55,534	55,535	55,536

Skip counting by 100s

Page no. 107

Answers:

2,700	2,800,	2,900	3,000	3,100	3,200
3,300	3,400	3,500	3,600	3,700	3,800
3,900	4,000	4,100	4,200	4,300	4,400
4,500	4,600	4,700	4,800,	4,900	5,000
5,100	5,200	5,300	5,400	5,500	5,600
5,700	5,800,	5,900	6,000	6,100	6,200
6,300	6,400	6,500	6,600	6,700	6,800
6,900	7,000	7,100	7,200	7,300	7,400
7,500	7,600	7,700	7,800,	7,900	8,000

8,100	8,200	8,300	8,400	8,500	8,600
8,700	8,800,	8,900	9,000	9,100	9,200
9,300	9,400	9,500	9,600	9,700	9,800,
9,900	10,000	10,100	10,200	10,300	10,400

Skip counting by 500s

Answers:

4,500	5,000	5,500	6,000	6,500	7,000
7,500	8,000	8,500	9,000	9,500	10,000
10,500	11,000	11,500	12,000	12,500	13,000
13,500	14,000	14,500	15,000	15,500	16,000
16,500	17,000	17,500	18,000	18,500	19,000
19,500	20,000	20,500	21,000	21,500	22,000
22,500	23,000	23,500	24,000	24,500	25,000
25,500	26,000	26,500	27,000	27,500	28,000
28,500	29,000	29,500	30,000	30,500	31,000
31,500	32,000	32,500	33,000	33,500	34,000
34,500	35,000	35,500	36,000	36,500	37,000
37,500	38,000	38,500	39,000	39,500	40,000
40,500	41,000	41,500	42,000	42,500	43,000

Skip counting by 1000s

Answers:

7,000	8,000	9,000	10,000	11,000	12,000
13,000	14,000	15,000	16,000	17,000	18,000
19,000	20,000	21,000	22,000	23,000	24,000
25,000	26,000	27,000	28,000	29,000	30,000
31,000	32,000	33,000	34,000	35,000	36,000
37,000	38,000	39,000	40,000	41,000	42,000
43,000	44,000	45,000	46,000	47,000	48,000
49,000	50,000	51,000	52,000	53,000	54,000
55,000	56,000	57,000	58,000	59,000	60,000
61,000	62,000	63,000	64,000	65,000	66,000
67,000	68,000	69,000	70,000	71,000	72,000
73,000	74,000	75,000	76,000	77,000	78,000
79,000	80,000	81,000	82,000	83,000	84,000

Identify greater than, less than or equal to:

Page no. 108

Answers Table 1:

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

Answers Table 2:

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

Fill in the blanks to make correct equations:

Page no. 109-110

Answers:

a	54, 241, 241	b	217, 260, 260	c	87, 448, 448
d	266, 365, 365	e	121, 437, 437	f	114, 428, 428
g	356, 451, 451	h	126, 189, 189	i	93, 494, 494
j	277, 109, 419	k	546, 110, 110	l	437, 400, 400
m	139, 186, 186	o	51, 149, 149	n	74, 15, 15
p	157, 15, 15	q	98, 357, 357	r	193, 167, 167
s	221, 174, 174				

Addition with 3 and 4 digit numbers:

Page no. 112

Answers:

a	7029	b	8132	c	4323	d	5796	e	9914
f	4180	g	4737	h	7738	i	7824	j	4644
k	9933	l	9080	m	7976	n	4399	o	6864
p	5724	q	1494	r	7936	s	7735	t	7936

Subtraction with 3 and 4 digit numbers:

Page no. 113

Answers:

a	3906	b	6226	c	1849	d	2659	e	2710
f	5596	g	5410	h	2507	i	4236	j	6353
k	5203	l	5945	m	1571	n	6723	o	2178
p	2776	q	1989	r	211	s	2678	t	715

Solve the following word problems:

Page no. 114

Answers:

- | | | |
|-----------------|---------------|--------------|
| a 6964 | b 5847 | c 6535, 967 |
| d 15888, 752 | e 11990, 5090 | f 9804, 3292 |
| g 8206 | h 8082, 1218 | i 3316 |
| j 9873, Train B | | |

Multiplication

Page no. 116

Answers:

- | | | | | |
|------|------|------|------|------|
| a 24 | b 25 | c 40 | d 16 | e 21 |
|------|------|------|------|------|

Solve these questions:

Page no. 117

Answers:

- | | | | | |
|--------|-------|-------|--------|--------|
| a 1185 | b 510 | c 136 | d 51 | e 219 |
| f 637 | g 102 | h 147 | i 2205 | j 1080 |
| k 208 | l 80 | m 595 | n 316 | o 935 |
| p 1519 | q 270 | r 712 | s 279 | t 620 |

Now try these.

Page no. 118

Answers:

- | | | | | |
|-------|-------|-------|-------|-------|
| a 360 | b 600 | c 760 | d 910 | e 600 |
| f 682 | g 589 | h 627 | i 280 | j 495 |
| k 954 | l 720 | m 750 | n 208 | o 299 |

Solve the following word problems:

Page no. 119

Answers:

- | | | | | |
|-------|------------------------|------|-------|-------|
| a 96 | b 20 | c 75 | d 144 | e 108 |
| f 125 | g 60, 480, 60, 30, 120 | | | |

Complete the given table:

Page no. 122

Answers:

- | | | | |
|-------|-------|-------|---------|
| a 30 | b 70 | c 72 | d 320e) |
| e 108 | f 180 | g 60 | h 135 |
| i 100 | j 360 | k 325 | |

Solve the following questions with or without a remainder:

Page no. 123-124

Answers:

- | | | | | | | | |
|---|------------|---|------------|---|------------|---|------------|
| a | Q=38, R=0 | b | Q=103, R=0 | c | 54, R=0 | d | Q=300, R=0 |
| e | Q=101, R=0 | f | Q=26, R=0 | g | Q=71, R=0 | h | Q=9, R=6 |
| i | Q=38, R=0 | j | Q=55, R=0 | k | Q=52, R=0 | l | Q=13, R=4 |
| m | Q=114, R=0 | n | Q=33, R=0 | o | Q=150, R=0 | p | Q=144, R=0 |

Solve the following word problems:

Answers:

- | | | | | | | | |
|---|----|---|------------|---|----|---|-----|
| a | 12 | b | 135 | c | 35 | d | 150 |
| e | 8 | f | 20, 100, 4 | | | | |

Fill in the blanks with the numbers to make correct sentences:

Answers:

- | | | | | | | | | | |
|---|------|---|------|---|------|---|------|---|------|
| a | 5715 | b | 15 | c | 5962 | d | 5609 | e | 742 |
| f | 3393 | g | 117 | h | 5109 | i | 236 | j | 2754 |
| k | 4 | l | 5807 | m | 853 | n | 7600 | o | 6 |
| p | 1280 | q | 873 | r | 4500 | s | 6230 | t | 925 |

Fill in the blanks with the numbers to make correct sentences:

Page no. 125

Answers:

- | | | | | | | | | | |
|---|-------|---|-----|---|-----|---|-----|---|--------|
| a | 15 | b | 27 | c | 85 | d | 13 | e | 110 |
| f | 12 | g | 7 | h | 222 | i | 12 | j | 120 |
| k | 10 | l | 4 | m | 420 | n | 500 | o | 260 |
| p | 113 | q | 278 | r | 800 | s | 20 | t | 72 |
| u | 112 | v | 2 | w | 3 | x | 10 | y | 30, 30 |
| z | 24, 9 | | | | | | | | |

Complete the following division sentences and draw a line to match it with a multiplication fact:

Page no. 125

Answers:

- | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| a | 4 | b | 8 | c | 9 | d | 5 | e | 3 |
| f | 4 | g | 4 | | | | | | |

Some of the sentences given below are incorrect. Check the working and circle those that are incorrect and write the correct answer:

Answers:

- a Incorrect; $2 \times 40 = 100 - 20$; 80 b Correct; 140
 c Incorrect; $100 \div 5 = 10 + 10$; 20 d Correct; 9 e Correct; 1

Solve the following problem sums:

Page no. 127

Answers:

- a Rs 5,700; 190 (Read week's salary as Rs 1,425 in the book)
 b 900, 180 c 360, 10
 d 240, 24 (Read last question as if she works for 10 hours, then how many days will she take to finish the project?)
 e 209, 197, 53

What fraction of each shape is coloured?

Page no. 128

Answers:

- a $7/12$ b $10/14$ c $3/10$

Identify the fractions for the following shapes:

Page no. 129

Answers:

- a 246 b 215 c 214 d 334

Arrange the following fractions in ascending order:

Answers:

- a $1/11, 4/11, 7/11, 8/11, 10/11$ b $4/16, 9/16, 11/16, 13/16, 15/16$
 c $3/7, 4/7, 5/7, 6/7, 7/7$ d $2/9, 5/9, 6/9, 7/9, 8/9$
 e $1/10, 4/10, 6/10, 7/10, 9/10$ f $1/19, 11/19, 13/19, 15/19, 18/19$

Arrange the following fractions in ascending order:

Page no. 130

Answers:

- a $16/17, 12/17, 11/17, 8/17, 7/17$ b $20/14, 15/24, 11/24, 3/24, 2/24$
 c $17/23, 16/23, 15/23, 13/23, 8/23$ d $16/18, 12/18, 9/18, 7/18, 3/18$

Arrange the following fractions in ascending order:

Answers:

- a 317, 327, 347, 357, 367 b 1212, 1412, 1912, 11012, 11112
c 3815, 31015, 31215, 3 1315, 31415 d 3110, 3410, 3610, 3 810, 3910
e 5214, 5714, 5914, 5 1014, 51314 f 7216, 7316, 7616, 7716, 71116

Solve the following in your notebooks:

Page no. 132

Answers:

- a 7911 b 3515 c 1217 d 1 e 10/11
f 9/10 g 81519 h 889 i 2/7 j 1/7
k 1612 l 1/5 m 1211 n 3/24 o 2213
p 61011 q 118 r 7

Solve the given word problems:

Page no. 133

Answers:

- a 5 b 1/5 c 2/8 d 212 e 213

- a 0.3; three tenths b 0.5; five tenths c 0.2; two tenths

Look at the following models and write the numbers shown by models as decimals, fractions and in words:

Answers:

- a 3.3, 33/10, three whole and three tenths b 2.9, 29/10, two whole and nine tenths
 c 4.0, 4, four d 2.5, 25/10, two whole and five tenths
 e 0.6, 6/10, six tenths f 3.8, 38/10, three whole and eight tenths

Complete the following table:

Answers:

- a 1.1, one whole and one tenth b 4.2, 42/10
 c 111/10, eleven whole and one tenth d 13.3, 133/10
 e 7.1, seven whole and one tenth f 61/10, six whole and one tenth
 g 3.4, three whole and four tenths (Read part g in the books as 3 4/10)

Arranging decimal numbers in ascending order:

Answers:

- a 0.1, 0.9, 1.9 b 4.5, 5.0, 5.5 c 2.8, 8.2, 12.8 d 1.1, 10.1, 11.1

Fill in decimals to complete the following number sequence:

Answers:

- a 0.8, 0.9, 1.1, 1.2 b 3.6, 3.8, 3.9, 4.0
 c 8.8, 9.0, 9.1, 9.2, 9.3 d 11.2, 11.3, 11.4, 11.5, 11.6
 e 14.9, 15.0, 15.2, 15.3, 15.4 f 19.7, 19.8, 19.9, 20.1, 20.2

Practice of addition and subtraction:

Answers:

- a 7.8 b 3.6 c 3.3 d 16.6 e 3
 f 15.8 g 4.1 h 14 i 2.2

Read and solve:

Answers:

- a 7.5 cm b 2.3 cm c 7.7 kg d 1.1 litres e 18.8 min
 f 2.1 cm g Miss Fatima, Mrs Ahmad, 0.4 min

Write the appropriate unit of measurement for the following:

Page no. 146

Answers:

- a litres b cm c grams d kilogram e litres
 f cm g grams h grams i milliliter

Converting units of length and height

Page no. 147

Answers:

8, 100, 18, 25

Complete the following table. Write each length in two different ways:

Page no. 148

Answers:

- a 25 cm 5 mm, 255 b 16 cm 5 mm, 16.5 cm c 11 cm 1 mm, 111 mm
 d 20 cm 7 mm, 20.7 cm e 252 mm, 25.2 cm

Converting units of weight and capacity:

Answers:

- a 6 12,000 15 b 5 10,000 11

Read and fill in the missing units:

Page no. 149

Answers:

- a 3,300 g 3.3 kg b 6 l 500 ml, 6.5 l c 5 kg 100 gm, 5,100 gm
 d 4,850 ml, 4.85 l e 25 kg 408 gm, 25.408 kg f 7 l 750 ml, 7750 ml

For part a. read the text as 3 kg 300 gm

Read the following units carefully and fill in the blanks with <, > or =

Answers:

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

Measure the lengths of the following lines and write your answer in the space given:

Page no. 153

Answers:

- a 3.5 b 4 c 5.5 d 8
e 4 f 6.8 g 5.6

For the shapes given below, write if open or closed.

Page no. 155

Answers:

- a Closed b Open c Closed d Open
e Closed f Open

Find perimeter:

Page no. 157-158

Answers:

- a 3, 2, 4, 2, 8 b 4, 3, 3, 3, 3, 12 c 4, 2, 5, 2, 5, 14
d 3, 3, 5, 5, 13 e 10, 2, 10, 20

Find the perimeter

Page no. 157-158

Answers:

- a 12 b 14 c 18 d 12

Find the area:

Page no. 160

Answers:

- a 15 cm² b 7 cm² c 16 cm²
d 16 cm² e 21 cm² f 25 cm²

Match the object with its name:

Page no. 161

Answers:

- a Sphere b Cone c Cuboids d Cylinder e Cube

All these shapes have many faces, corners and edges.

Page no. 162

Answers:

- a 6, 8, 12 b 2, 0, 0 c 2, 1, 1
d 1, 0, 0 e 5, 5, 8 f 6, 8, 12

Recall and complete the table:

Page no. 163

Answers:

- a triangle, square, pentagon b hexagon, heptagon, octagon

Write five different ways for having the same amount of money:

Page no. 166

Answers:

- | | |
|--|---|
| <p>a $5+10+10$
$10+5+5+5$
$2+2+1+10+10$
$2+2+1+10+5+5$
$2+2+2+2+2+10+5$</p> | <p>b $10+10+10+10+10$
$10+10+10+10+5+5$
$10+10+10+5+5+5+5$
$10+5+5+5+5+5+5+5$
$10+10+5+5+5+5+5+5$</p> |
| <p>c $10+10+10+10+10+10+10+5$
$50+20+5$
$20+20+20+10+5$
$20+20+10+10+10+5$
$50+10+10+5$</p> | <p>d $50+50$
$50+20+20+10$
$50+20+10+10+10$
$50+10+10+10+10+10$
$50+20+20+5+5$
$50+20+10+5+5+5+5$</p> |

Addition and subtraction:

Page no. 168

Answers:

- | | | | | |
|---------|----------|---------|---------|----------|
| a 95.60 | b 22.20 | c 61.75 | d 27.10 | e 105.40 |
| f 8.30 | g 405.80 | h 28.00 | | |

Find the price of the following items:

Page no. 170

Answers:

- | | | | | |
|-------|-------|-------|-------|-------|
| a 360 | b 400 | c 360 | d 240 | e 280 |
|-------|-------|-------|-------|-------|

Find the following amounts of money:

Page no. 171

Answers:

- | | | | | |
|--------------|-------------|-------------|------------|-------------|
| a 128
172 | b 268
32 | c 261
39 | d 296
4 | e 287
13 |
| f 282
18 | g 1
522 | h 1
800 | | |

Find the unit price of all items from the above price list:

Page no. 174

Answers:

- | | | | | |
|-----|------|------|------|-----|
| a 6 | b 18 | c 45 | d 15 | e 4 |
|-----|------|------|------|-----|

Help mother to find the price of:

Page no. 175

Answers:

- | | | | | |
|-------|---------|-------|-------|------|
| a 10 | b 3 | c 70 | d 300 | e 20 |
| f 403 | g 3,066 | h 434 | | |

Look at the following clocks and write the time in hours, minutes and seconds.

Page no. 178

Answers:

- (a) 4 hours, 10 minutes and 40 seconds (b) Six hours, 10 minutes and 55 seconds
 (c) 7 hours, 20 minutes and 10 seconds (d) 9 hours, 30 minutes and 15 seconds

Think and write if a.m. or p.m.

Page no. 179

Answers:

- (a) a.m. (b) p.m. (c) a.m. (d) p.m. (e) a.m.
 (f) a.m. (g) p.m. (h) a.m. (i) p.m.

Fill in the digital hours in the table given below:

Page no. 181

Answers:

- (a) 14:00 (b) 15:00 (c) 15:00 (d) 16:00
 (e) 17:00 (f) 18:00 (g) 19:00 (h) 20:00
 (i) 21:00 (j) 22:00 (k) 23:00

Can you recall what these clocks are showing?

Page no. 183

Answers:

Quarter past 3 Quarter to 4

Read the time on the given clocks and write what time it is:

Page no. 184

Answers:

- (a) 4:27 (b) 10:00 (c) 7:10 (d) 19:03 (e) 19:45 (f) 13:59

Read and solve:

Page no. 185

Answers:

- (a) 5 (b) 1:30 (c) 45 (d) 3, 15
 (e) 1, 45 (f) 2:00 (g) 3:00

Read and fill in the blanks with correct day and date:

Page no. 187

Answers:

- (a) 11 (b) 8, July (c) Monday (d) Wednesday
 (e) 1st September (f) 4, August (g) 13

Look at the bar graph and answer the questions:

Page no. 188-189

Answers:

- a 2400 b Sunday c Wednesday d 500 e 852
f 15480 g 8520 h 24000

Find the perimetre

Page no. 190

Answers:

- a 90 b Science, Sports or Science, Puzzles c 435

Answers:

Page no. 192

- a 9 b 3 c Pizza, 15 d 39

Answers:

Page no. 194

- a Probable b Certain c Unlikely d Impossible

For each of the following questions, write answer as a fraction, a decimal number, in words:

Page no. 198

Answers:

- a $8/10$, 0.8, zero pint eight b $4/10$, 0.4, zero pint four
 c $3/10$, 0.3, zero point three d $5/10$, 0.5, zero point five

Fill in the blanks by writing the total number of blocks used as a mixed number, a decimal number and in words:

Page no. 199

Answers:

- a $2\frac{6}{10}$, three whole and six tenths, 3.6 b $1\frac{7}{10}$, one whole and seven tenths, 1.7
 c $5\frac{5}{10}$, five whole and 5 tenths, 5.5 d $4\frac{4}{10}$, four whole and four tenths, 4.4

Arrange the following numbers in ascending order:

Page no. 200

Answers:

- a 5.0, 23.7, 58.6, 60.3, 65.1, 80.3 b 27.7, 28.0, 59.1, 75.1, 79.5, 83.9
 c 9.7, 17.2, 33.7, 65.1, 85.7, 89.8 d 13.6, 30.4, 32.9, 43.7, 46.9, 57.3
 e 30.1, 55.4, 61.5, 80.6, 82.2, 92.7

Arrange the following numbers in descending order:

Answers:

- a 88.6, 72.3, 60.5, 50.0, 21.0, 3.7 b 98.9, 47.8, 45.3, 37.4, 30.1, 26.3
 c 75.6, 37.8, 32.2, 26.6, 22.2, 10.5 d 95.9, 91.2, 85.1, 60.0, 55.8, 41.8
 e 98.7, 84.3, 59.6, 50.3, 50.1, 3.4

Solve the following addition and subtraction:

Page no. 201

Answers:

- a 24.75 b 49.67 c 0.33 d 16.60 e 27.07
 f 26.73 g 57.14 h 46.58 i 19.07 j 7.48
 k 62.16 l 62.40 m 74.06 n 40.42 o 67.76
 p 80.03 q 71.89 r 19.00 s 29.09 t 16.36

Word problem

Page no. 202

Answers:

- a 63.7 cm b 17.64 cm

Solve the following addition and subtraction:

Page no. 203

Answers:

- a Grams b Centimeters c Litres d Millimeters
 e Kilograms f Kilograms g Centimeter h Centimeters
 i Grams

Answer the following questions:

Page no. 204

Answers:

- a 150 mm b 24 cm c 230 mm d 265 mm e 31 cm, 5 mm

Complete the following chart:

Page no. 205

Answers:

- a 256 cm 9 mm, 2569 mm b 54.9 cm, 549 mm
 c 75.4 cm, 75 cm 4 mm d 75.8 cm, 758 mm
 e 25.1 cm, 25 cm 1 mm f 365 cm 7 mm, 3657 mm
 g 17.8 cm, 17 cm 8 mm h 35.1 cm, 351 mm
 i 9.8 cm, 9 cm 8 mm

Complete the following table:

Page no. 206

Answers Table 1:

- a 3 b 4 c 5,000 d 6,000 e 7,000
 f 8 g 11,000 h 13,000 i 24 j 42

Answers Table 2:

- a 3 b 5,000 c 6,000 d 7 e 8,000
 f 9 g 11,000 h 13,000 i 27 j 52

Find the perimeter of the following shapes:

Answers:

- a 14 cm b 36 cm

Fill in the digital hours in the table given below:

Page no. 207

Answers:

- a) 25 cm b) 16 cm c) 16 cm d) 18 cm

Find the area of the following shapes given on the grid.

Page no. 208

Answers:

- a) 32 cm² b) 16 cm² c) 18 cm² d) 20 cm²
e) 24 cm² f) 12 cm²

Solve the following addition and subtraction:

Page no. 212

Answers:

- a) 114.40 b) 48.60 c) 56.70 d) 96.00 e) 26.10
f) 74.70 g) 46.60 h) 68.3 i) 232.2 j) 21.2
k) 256.1 l) 130.00 m) 164.70 n) 102.8 o) 224.3
p) 28.6 q) 0.9 r) 124.7 s) 85.2 t) 218.3
u) 155.8 v) 85.00 w) 118.7 x) 61.60 y) 130.20
z) 122.79

Calculate the price of the following:

Page no. 214

Answers:

- a) 30 b) 36 c) 48 d) 91 e) 45
f) 144 g) 114 h) 228

Solve the following money problems:

Page no. 215

Answers:

- a) 15 b) 310 c) 285 d) 150 e) 37

Answers:

Page no. 216-217

- a 124 b 162 c 62 d 117 e 9
 f 190 g 300 h 246 i Rs 50 and 10, Rs 4
 j 100, 20 and 10, 7 k 950 l Zeeshan

Fill in the blanks:

Page no. 219

Answers:

- a 60, 60, 24 b a.m., p.m.

Write the time in hours, minutes and seconds after looking at the following clocks:

Page no. 220

Answers:

- a 3 hours, 50 minutes, 40 seconds b 1 hours, 59 minutes, 30 seconds
 c 5 hours, 45 minutes, 30 seconds d 9 hours, 5 minutes, 30 seconds
 e 12 hours, 25 minutes, 340 seconds f 5 hours, 30 minutes, 40 seconds
 g 7 hours, 25 minutes, 30 seconds h 12 hours, 59 minutes, 30 seconds
 i 9 hours, 9 minutes, 30 seconds

Digital and analogue clock:

Page no. 221

Answers:

- a 6:45 p.m. b 9:15 p.m. c 11:45 a.m.
 d 4:40, 4:40 a.m. e 8:45, 8:45 a.m.

Digital and analogue clock:

Page no. 221

Answers:

- a 18:13 b 2:05 p.m. c Early, 30 minutes
 d 11 hours e 6:35 p.m. f 5 hours 15 minutes
 g 3:15 p.m. h 9:41 i 3 hours
 j 12:15 p.m. k 7:10 p. m.

for part k. consider that he starts the race at 6:35 p.m.

Look at the calendar below and answer the questions accordingly:

Page no. 224

Answers Table 1:

- a 1st March b 31, 28, 30 c 25, Friday d Tuesday
e 4 f 19th March g 3 h 12

Answer the questions:

Page no. 225

Answers:

- a 500 b Hanif c Ahsan and Saleem d 10 e 280

Answer the questions:

Page no. 226

Answers:

- a 15 b Juice and pastries c 135

Answer the questions:

Page no. 225

Answers:

- a 8 b 32 c Junaid and Iqbal d 116

TALKING NUMBERS

Answer Keys

