

A Book of Sequences

Volume 2

Age group: 7-9 years

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Dear Parents,

This book deals with sequencing of numbers and alphabets.

Why sequencing is important? Our life itself is a sequence of events. We get up and the sequence of events starts. We brush our teeth, have bath, and eat breakfast and so on. A story describes a sequence of events. When we write a sentence, we arrange the words in a certain order. A paragraph is a collection of sentences arranged in a definite order. We solve problems using several steps. When children do multiplication and division, they follow a sequence or a pattern. Identification of a sequence or a pattern helps children to learn concepts. Sequencing is a foundational skill that children should learn.

This book is meant for whom?

This book is for learners in the age group of 7-9. By five, children start learning numbers. They learn alphabets even earlier. Some children have no difficulty in understanding the sequence of numbers and alphabets. These children would enjoy doing the exercises in this booklet.

Some children have difficulty in understanding patterns and sequences. The exercises provided here would help them to learn the sequence of alphabets and numbers.

Important: Let your child learn at her own pace. You need not sit with your child while she tries to solve the problems. It is better not to give any clues to your child. Allow her to figure out the solution. Let her learn on her own. The satisfaction and the sense of achievement that the child gets are much more when she finds a solution through her own efforts. Let your child discover the joy of learning.

We hope your child would benefit from doing the 192 problems in this booklet. Answers are provided at the end.

Amrita Vidyalayam Team

Fill in the blanks Exercise 1

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Answers to Exercise 1

1	2	3	4
21 22 23 24	37 38 39 40	69 70 71 72	54 55 56 57
25 26 27 28	41 42 43 44	73 74 75 76	58 59 60 61
29 30 31 32	45 46 47 48	77 78 79 80	62 63 64 65
5	6	7	8
17 18 19 20	88 89 90 91	38 39 40 41	71 72 73 74
21 22 23 24	92 93 94 95	42 43 44 45	75 76 77 78
25 26 27 28	96 97 98 99	46 47 48 49	79 80 81 82
9	10	11	12
70 71 72 73	28 29 30 31	15 16 17 18	50 51 52 53
74 75 76 77	32 33 34 35	19 20 21 22	54 55 56 57
78 79 80 81	36 37 38 39	23 24 25 26	58 59 60 61

Answers to Exercise 2

13	14	15	16
A B C D	N O P Q	I J K L	E F G H
E F G H	R S T U	M N O P	I J K L
I J K L	V W X Y	Q R S T	M N O P
17	18	19	20
f g h i	o p q r	M N O P	a b c d
j k l m	s t u v	Q R S T	e f g h
n o p q	w x y z	U V W X	i j k l
21	22	23	24
K L M N	g h i j	M N O P	a b c d
O P Q R	k l m n	Q R S T	e f g h
S T U V	o p q r	U V W X	i j k l

Answers to Exercise 3

25	26	27	28
28 27 26 25	79 78 77 76	99 98 97 96	65 64 63 62
24 23 22 21	75 74 73 72	95 94 93 92	61 60 59 58
20 19 18 17	71 70 69 68	91 90 89 88	57 56 55 54
29	30	31	32
92 91 90 89	43 42 41 40	80 79 78 77	17 16 15 14
88 87 86 85	39 38 37 36	76 75 74 73	13 12 11 10
84 83 82 81	35 34 33 32	72 71 70 69	9 8 7 6
33	34	35	36
37 36 35 34	58 57 56 55	41 40 39 38	27 26 25 24
33 32 31 30	54 53 52 51	37 36 35 34	23 22 21 20
29 28 27 26	50 49 48 47	33 32 31 30	19 18 17 16

Answers to Exercise 4

37	38	39	40
14 17 20 23	33 36 39 42	24 27 30 33	78 81 84 87
15 18 21 24	34 37 40 43	25 28 31 34	79 82 85 88
16 19 22 25	35 38 41 44	26 29 32 35	80 83 86 89
41	42	43	44
42 45 48 51	65 68 71 74	63 66 69 72	17 20 23 26
43 46 49 52	66 69 72 75	64 67 70 73	18 21 24 27
44 47 50 53	67 70 73 76	65 68 71 74	19 22 25 28
45	46	47	48
41 44 47 50	7 10 13 16	55 58 61 64	83 86 89 92
42 45 48 51	8 11 14 17	56 59 62 65	84 87 90 93
43 46 49 52	9 12 15 18	57 60 63 66	85 88 91 94

Answers to Exercise 5

49	50	51	52
11 13 15 17	12 14 16 18	20 22 24 26	55 57 59 61
19 21 23 25	20 22 24 26	28 30 32 34	63 65 67 69
27 29 31 33	28 30 32 34	36 38 40 42	71 73 75 77
53	54	55	56
42 44 46 48	39 41 43 45	17 19 21 23	15 17 19 21
50 52 54 56	47 49 51 53	25 27 29 31	23 25 27 29
58 60 62 64	55 57 59 61	33 35 37 39	31 33 35 37
57	58	59	60
64 66 68 70	73 75 77 79	30 32 34 36	18 20 22 24
72 74 76 78	81 83 85 87	38 40 42 44	26 28 30 32
80 82 84 86	89 91 93 95	46 48 50 52	34 36 38 40

Answers to Exercise 6

61	62	63	64
17 19 21 23	86 88 90 92	43 45 47 49	11 13 15 17
37 39 41 43	26 28 30 32	13 15 17 19	41 43 45 47
77 79 81 83	56 58 60 62	83 85 87 89	61 63 65 67
65	66	67	68
76 78 80 82	45 47 49 51	74 76 78 80	12 14 16 18
56 58 60 62	85 87 89 91	24 26 28 30	72 74 76 78
26 28 30 32	15 17 19 21	44 46 48 50	32 34 36 38
69	70	71	72
33 35 37 39	91 93 95 97	48 50 52 54	24 26 28 30
13 15 17 19	51 53 55 57	78 80 82 84	54 56 58 60
43 45 47 49	81 83 85 87	28 30 32 34	64 66 68 70

Answers to Exercise 7

73	74	75	76
18 20 22 24	57 59 61 63	89 91 93 95	36 38 40 42
35 37 39 41	24 26 28 30	11 13 15 17	65 67 69 71
69 71 73 75	79 81 83 85	68 70 72 74	5 7 9 11
77	78	79	80
11 13 15 17	33 35 37 39	17 19 21 23	75 77 79 81
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85 87 89 91	84 86 88 90	13 15 17 19	28 30 32 34
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16 18 20 22	91 93 95 97	18 20 22 24	21 23 25 27
77 79 81 83	16 18 20 22	60 62 64 66	9 11 13 15
90 92 94 96	39 41 43 45	11 13 15 17	40 42 44 46

Answers to Exercise 8

85	86	87	88
84 78 72 66	57 51 45 39	98 92 86 80	79 73 67 61
82 76 70 64	55 49 43 37	96 90 84 78	77 71 65 59
80 74 68 62	53 47 41 35	94 88 82 76	75 69 63 57
89	90	91	92
40 34 28 22	63 57 51 45	81 75 69 63	35 29 23 17
38 32 26 20	61 55 49 43	79 73 67 61	33 27 21 15
36 30 24 18	59 53 47 41	77 71 65 59	31 25 19 13
93	94	95	96
23 17 11 5	94 88 82 76	67 61 55 49	41 35 29 23
21 15 9 3	92 86 80 74	65 59 53 47	39 33 27 21
19 13 7 1	90 84 78 72	63 57 51 45	37 31 25 19

Answers to Exercise 9

97	98	99	100
80 70 68 58	69 59 57 47	69 59 57 47	31 21 19 9
78 72 66 60	67 61 55 49	67 61 55 49	29 23 17 11
76 74 64 62	65 63 53 51	65 63 53 51	27 25 15 13
101	102	103	104
44 34 32 22	34 24 22 12	93 83 81 71	28 18 16 6
42 36 30 24	32 26 20 14	91 85 79 73	26 20 14 8
40 38 28 26	30 28 18 16	89 87 77 75	24 22 12 10
105	106	107	108
79 69 67 57	42 32 30 20	61 51 49 39	87 77 75 65
77 71 65 59	40 34 28 22	59 53 47 41	85 79 73 67
75 73 63 61	38 36 26 24	57 55 45 43	83 81 71 69

Answers to Exercise 10

109	110	111	112
67 39 18 85	72 50 89 20	15 94 71 8	88 72 11 44
65 37 16 83	70 48 87 18	13 92 69 6	86 70 9 42
63 35 14 81	68 46 85 16	11 90 67 4	84 68 7 40
113	114	115	116
12 71 83 55	18 73 54 85	61 44 19 8	12 19 28 44
10 69 81 53	16 71 52 83	59 42 17 6	10 17 26 42
8 67 79 51	14 69 50 81	57 40 15 4	8 15 24 40
117	118	119	120
76 83 99 36	98 17 40 29	11 64 53 84	24 71 43 88
74 81 97 34	96 15 38 27	9 62 51 82	22 69 41 86
72 79 95 32	94 13 36 25	7 60 49 80	20 67 39 84

Answers to Exercise 11

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Answers to Exercise 12

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137 <table border="1"> <tr><td>w</td><td>u</td><td>s</td></tr> <tr><td>q</td><td>o</td><td>m</td></tr> <tr><td>k</td><td>i</td><td>g</td></tr> </table>	w	u	s	q	o	m	k	i	g	138 <table border="1"> <tr><td>c</td><td>a</td><td>y</td></tr> <tr><td>w</td><td>u</td><td>s</td></tr> <tr><td>q</td><td>o</td><td>m</td></tr> </table>	c	a	y	w	u	s	q	o	m	139 <table border="1"> <tr><td>h</td><td>f</td><td>d</td></tr> <tr><td>b</td><td>z</td><td>x</td></tr> <tr><td>v</td><td>t</td><td>r</td></tr> </table>	h	f	d	b	z	x	v	t	r	140 <table border="1"> <tr><td>f</td><td>d</td><td>b</td></tr> <tr><td>z</td><td>x</td><td>v</td></tr> <tr><td>t</td><td>r</td><td>p</td></tr> </table>	f	d	b	z	x	v	t	r	p
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141 <table border="1"> <tr><td>l</td><td>j</td><td>h</td></tr> <tr><td>f</td><td>d</td><td>b</td></tr> <tr><td>z</td><td>x</td><td>v</td></tr> </table>	l	j	h	f	d	b	z	x	v	142 <table border="1"> <tr><td>e</td><td>c</td><td>a</td></tr> <tr><td>y</td><td>w</td><td>u</td></tr> <tr><td>s</td><td>q</td><td>o</td></tr> </table>	e	c	a	y	w	u	s	q	o	143 <table border="1"> <tr><td>a</td><td>y</td><td>w</td></tr> <tr><td>u</td><td>s</td><td>q</td></tr> <tr><td>o</td><td>m</td><td>k</td></tr> </table>	a	y	w	u	s	q	o	m	k	144 <table border="1"> <tr><td>u</td><td>s</td><td>q</td></tr> <tr><td>o</td><td>m</td><td>k</td></tr> <tr><td>i</td><td>g</td><td>e</td></tr> </table>	u	s	q	o	m	k	i	g	e
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Answers to Exercise 13

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149 <table border="1"> <tr><td>d</td><td>g</td><td>j</td></tr> <tr><td>e</td><td>h</td><td>k</td></tr> <tr><td>f</td><td>i</td><td>l</td></tr> </table>	d	g	j	e	h	k	f	i	l	150 <table border="1"> <tr><td>v</td><td>y</td><td>b</td></tr> <tr><td>w</td><td>z</td><td>c</td></tr> <tr><td>x</td><td>a</td><td>d</td></tr> </table>	v	y	b	w	z	c	x	a	d	151 <table border="1"> <tr><td>t</td><td>w</td><td>z</td></tr> <tr><td>u</td><td>x</td><td>a</td></tr> <tr><td>v</td><td>y</td><td>b</td></tr> </table>	t	w	z	u	x	a	v	y	b	152 <table border="1"> <tr><td>x</td><td>a</td><td>d</td></tr> <tr><td>y</td><td>b</td><td>e</td></tr> <tr><td>z</td><td>c</td><td>f</td></tr> </table>	x	a	d	y	b	e	z	c	f
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153 <table border="1"> <tr><td>u</td><td>x</td><td>a</td></tr> <tr><td>v</td><td>y</td><td>b</td></tr> <tr><td>w</td><td>z</td><td>c</td></tr> </table>	u	x	a	v	y	b	w	z	c	154 <table border="1"> <tr><td>y</td><td>b</td><td>e</td></tr> <tr><td>z</td><td>c</td><td>f</td></tr> <tr><td>a</td><td>d</td><td>g</td></tr> </table>	y	b	e	z	c	f	a	d	g	155 <table border="1"> <tr><td>q</td><td>t</td><td>w</td></tr> <tr><td>r</td><td>u</td><td>x</td></tr> <tr><td>s</td><td>v</td><td>y</td></tr> </table>	q	t	w	r	u	x	s	v	y	156 <table border="1"> <tr><td>w</td><td>z</td><td>c</td></tr> <tr><td>x</td><td>a</td><td>d</td></tr> <tr><td>y</td><td>b</td><td>e</td></tr> </table>	w	z	c	x	a	d	y	b	e
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Answers to Exercise 14

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161 <table border="1"> <tr><td>d</td><td>i</td><td>j</td></tr> <tr><td>e</td><td>h</td><td>k</td></tr> <tr><td>f</td><td>g</td><td>l</td></tr> </table>	d	i	j	e	h	k	f	g	l	162 <table border="1"> <tr><td>i</td><td>n</td><td>o</td></tr> <tr><td>j</td><td>m</td><td>p</td></tr> <tr><td>k</td><td>l</td><td>q</td></tr> </table>	i	n	o	j	m	p	k	l	q	163 <table border="1"> <tr><td>t</td><td>y</td><td>z</td></tr> <tr><td>u</td><td>x</td><td>a</td></tr> <tr><td>v</td><td>w</td><td>b</td></tr> </table>	t	y	z	u	x	a	v	w	b	164 <table border="1"> <tr><td>w</td><td>b</td><td>c</td></tr> <tr><td>x</td><td>a</td><td>d</td></tr> <tr><td>y</td><td>z</td><td>e</td></tr> </table>	w	b	c	x	a	d	y	z	e
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165 <table border="1"> <tr><td>q</td><td>v</td><td>w</td></tr> <tr><td>r</td><td>u</td><td>x</td></tr> <tr><td>s</td><td>t</td><td>y</td></tr> </table>	q	v	w	r	u	x	s	t	y	166 <table border="1"> <tr><td>V</td><td>a</td><td>b</td></tr> <tr><td>W</td><td>z</td><td>c</td></tr> <tr><td>X</td><td>y</td><td>d</td></tr> </table>	V	a	b	W	z	c	X	y	d	167 <table border="1"> <tr><td>y</td><td>d</td><td>e</td></tr> <tr><td>z</td><td>c</td><td>f</td></tr> <tr><td>a</td><td>b</td><td>g</td></tr> </table>	y	d	e	z	c	f	a	b	g	168 <table border="1"> <tr><td>u</td><td>z</td><td>a</td></tr> <tr><td>v</td><td>y</td><td>b</td></tr> <tr><td>w</td><td>x</td><td>c</td></tr> </table>	u	z	a	v	y	b	w	x	c
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u	z	a																																					
v	y	b																																					
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Answers to Exercise 15

169	170	171	172
12 18 24 30	75 77 79 81	11 16 17 22	45 35 33 23
14 20 26 32	83 85 87 89	12 15 18 21	43 37 31 25
16 22 28 34	91 93 95 97	13 14 19 20	41 39 29 27
173	174	175	176
61 63 65 67	18 20 22 24	46 49 52 55	22 28 34 40
18 20 22 24	37 39 41 43	47 50 53 56	20 26 32 38
73 75 77 79	82 84 86 88	48 51 54 57	18 24 30 36
177	178	179	180
78 69 60 51	29 26 23 20	78 79 80 81	71 73 75 77
75 66 57 48	28 25 22 19	82 83 84 85	14 16 18 20
72 63 54 45	27 24 21 18	86 87 88 89	44 46 48 50

Answers to Exercise 16

181	182	183	184
d g j	L k j	u t s	h k n
e h k	I h g	r q p	i l o
f i l	F e d	o n m	j m p
185	186	187	188
s u w	Q o m	x y z	t w z
y a c	K i g	a b c	u x a
e g i	E c a	d e f	v y b
189	190	191	192
a g m	I f c	r t v	x u r
c i o	H e b	x z b	w t q
e k q	G d a	d f h	v s p