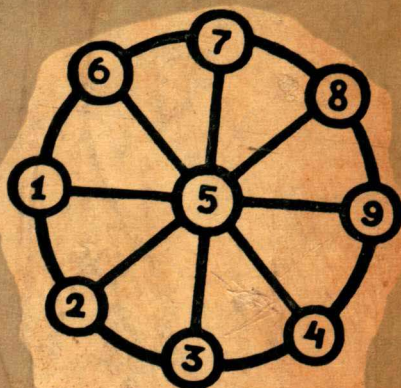
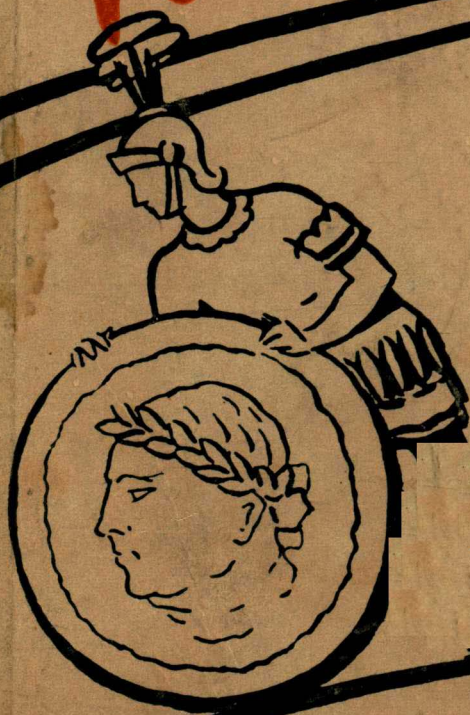
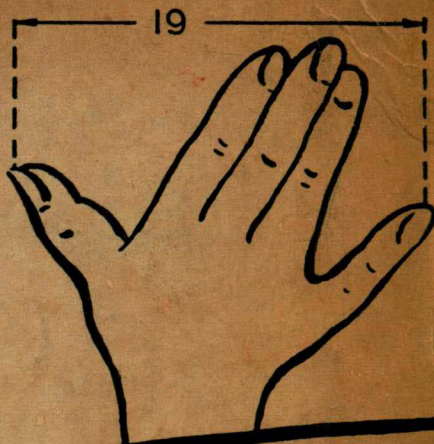


YAKOV PERELMAN

Figures for Fun



TRANSLATED FROM RUSSIAN BY G. IVANOV-MUMJIEV

DESIGNED BY D. BISTI

Second Impression

Я. ПЕРЕЛЬМАН

ЖИВАЯ МАТЕМАТИКА

Printed in the Union of Soviet Socialist Republics

CONTENTS

	Page
Preface	9

CHAPTER I

Brain-Teasers for Lunch

1. A Squirrel in the Glade	11
2. School-Groups	13
3. Who Counted More?	14
4. Grandfather and Grandson	14
5. Railway Tickets	14
6. A Dirigible's Flight	14
7. Shadow	15
8. Matches	16
9. The "Wonderful" Stump	16
10. The December Puzzle	17
11. An Arithmetical Trick	17
Answers 1 to 11	18
12. The Missing Digit	25
13. Who Has It?	26

CHAPTER II

Mathematics in Games Dominoes

14. A Chain of 28 Pieces	29
15. The Two Ends of a Chain	29
16. A Domino Trick	29
17. A Frame	29
18. Seven Squares	30
19. Magic Squares	30
20. Progression in Dominoes	31

The Fifteen Puzzle	31
21. The First Problem	36
22. The Second Problem	36
23. The Third Problem	36
Answers 14 to 23	36

CHAPTER III

Another Dozen Puzzlers

24. String	41
25. Socks and Gloves	41
26. Longevity of Hair	42
27. Wages	42
28. Skiing	42
29. Two Workers	42
30. Typing	42
31. Two Cog-Wheels	42
32. How Old Is He?	42
33. Another Age Riddle	43
34. Shopping	43
Answers 24 to 34	43

CHAPTER IV

Counting

35. Do You Know How to Count?	49
36. Why Count Trees in a Forest?	52

CHAPTER V

Bafflers with Numbers

37. Hundred Rubles for Five	54
38. One Thousand	54
39. Twenty-Four	55
40. Thirty	55
41. Restoration of Digits	55
42. What Are the Digits?	55
43. Division	55
44. Dividing by 11	

45. Tricky Multiplication	56
46. A Number Triangle	56
47. Another Number Triangle	56
48. A Magic Star	56
Answers 37 to 48	57

CHAPTER VI

Number Giants

49. A Profitable Deal	63
50. Rumours	68
51. The Bicycle Swindle	71
52. Reward	74
53. The Legend About Chess	80
54. Rapid Reproduction	84
55. A Free Dinner	89
56. A Trick with Coins	94
57. A Bet	99
58. Number Giants Around and Inside Us	102

CHAPTER VII

Without Instruments of Measurement

59. Calculating Distance by Steps	106
60. A Live Scale	107

CHAPTER VIII

Geometric Brain-Teasers

61. A Cart	109
62. Through a Magnifying Glass	109
63. A Carpenter's Level	109
64. How Many Edges?	110
65. A Crescent	111
66. A Match Trick	111
67. Another Match Trick	111
68. The Way of the Fly	111
69. Find a Plug	112
70. The Second Plug	112
71. The Third Plug	112

72. A Coin Trick	112
73. The Height of a Tower	112
74. Similar Figures	113
75. The Shadow of a Wire	113
76. A Brick	113
77. A Giant and a Pygmy	113
78. Two Water-melons	113
79. Two Melons	114
80. A Cherry	114
81. The Eiffel Tower	114
82. Two Pans	114
83. In Winter	114
84. Sugar	114
Answers 61 to 84	114

CHAPTER IX

The Geometry of Rain and Snow

85. Pluviometer	125
86. How Much Rainfall?	127
87. How Much Snow?	128

CHAPTER X

Mathematics and the Deluge

88. The Deluge	132
89. Was the Deluge Possible?	133
90. Was There Such an Ark?	134

CHAPTER XI

Thirty Different Problems

91. A Chain	136
92. Spiders and Beetles	136
93. A Cape, a Hat and Galoshes	136
94. Chicken and Duck Eggs	137
95. An Air prip	137
96. Money Gifts	137
97. Two Draughts	137
98. Two Digits	137
99. One	137
100. Five 9's	137

101. Ten Digits	137
102. Four Ways	137
103. Four 1's	137
104. Mysterious Division	138
105. Another Division	138
106. What Will You Have?	138
107. Something of the Same Sort	138
108. A Plane	138
109. A Million Things	139
110. The Number of Ways	139
111. The Clock Face	139
112. Eight-Pointed Star	139
113. A Number Wheel	139
114. A Tripod	140
115. Angles	140
116. On the Equator	140
117. Six Rows	140
118. How to Divide That?	140
119. The Cross and the Crescent	141
120. The Benediktov Problem	141
A n s w e r s 91 to 120	142

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Figures for Fun

STORIES AND CONUNDRUMS

F O R E I G N
L A N G U A G E S
P U B L I S H I N G
H O U S E

MOSCOW

1
2
3
4
5
6
7
8
9

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70. The Second Plug	112
71. The Third Plug	112

72. A Coin Trick	112
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74. Similar Figures	113
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76. A Brick	113
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109. A Million Things	139
110. The Number of Ways	139
111. The Clock Face	139
112. Eight-Pointed Star	139
113. A Number Wheel	139
114. A Tripod	140
115. Angles	140
116. On the Equator	140
117. Six Rows	140
118. How to Divide That?	140
119. The Cross and the Crescent	141
120. The Benediktov Problem	141
A n s w e r s 91 to 120	142

PREFACE

To read and enjoy this book it will suffice to possess a modest knowledge of mathematics, i.e., knowledge of arithmetical rules and elementary geometry. Very few problems require the ability of forming and solving equations—and the simplest at that.

The table of contents, as you may see, is quite diversified: the subjects range from a motley collection of conundrums and mathematical stunts to useful practical problems on counting and measuring. The author has done everything to make his book as fresh as possible, avoiding repetition of all that has already appeared in his other works (*Tricks and Amusements*, *Interesting Problems*, etc.). The reader will find a hundred or so brain-teasers that have not been included in earlier books. Chapter VI—"Number Giants"—is adapted from one of the author's earlier pamphlets, with four new stories added.

