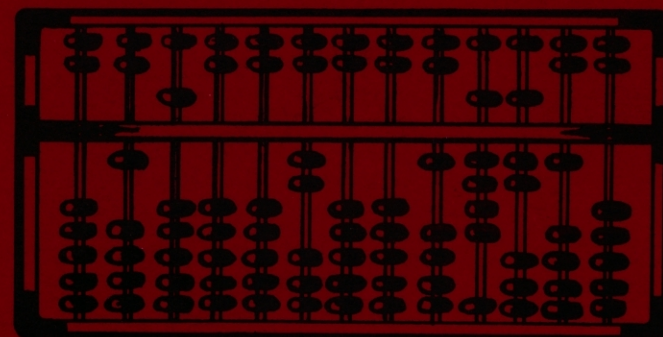


HOW TO USE THE CHINESE ABACUS



BY
R. PERCEVAL MAXWELL



**Copyright 1945, by
The Frederick Post Company**

Printed in the United States of America

PRACTISING ON THE ABACUS

If after reading this booklet the reader feels that he would like to become proficient on the Abacus, he will find the Magic Squares set out below useful for practising his addition and subtraction.

In the first Magic Square the numbers in the lines, column or main diagonals add up to 260, while in the second Magic Square they total 11,180. The observant reader will also notice that the numbers in the first square are $\sqrt{\quad}$ of their equivalents in the second square, so that the two diagrams can be used for practising the finding of square roots as well.

7	53	41	27	2	52	48	30
12	58	38	24	13	63	35	17
51	1	29	47	54	8	28	42
64	14	18	36	57	11	23	37
25	43	55	5	32	46	50	4
22	40	60	10	19	33	61	15
45	31	3	49	44	26	6	56
34	20	16	62	39	21	9	59

49	2809	1681	729	4	2704	2304	900
144	3364	1444	576	169	3969	1225	289
2601	1	841	2209	2916	64	784	1764
4096	196	324	1296	3249	121	529	1369
625	1849	3025	25	1024	2116	2500	16
484	1600	3600	100	361	1089	3721	225
2025	961	9	2401	1936	676	36	3136
1156	400	256	3844	1521	441	81	3481

Another useful exercise is to add 123456789 to itself ten times.

1971

R. PERCEVAL MAXWELL, PHILLIS COTTAGE, HOLT, TROWBRIDGE,
WILTS BA14 6QH

1978 2nd Edition

1979 3rd Edition