

O Quadrado dos números de 100 a 109

x	x ²
100	10000
101	10201
102	10404
103	10609
104	10816
105	11025
106	11236
107	11449
108	11664
109	11881

ou

k	100+k	100+2k	k ²	100(100+2k) + k ²	= 100 ² + 200k + k ² = (100+k) ²
0	100	100	00	10000	
1	101	102	01	10201	
2	102	104	04	10404	
3	103	106	09	10609	
4	104	108	16	10816	
5	105	110	25	11025	
6	106	112	36	11236	
7	107	114	49	11449	
8	108	116	64	11664	
9	109	118	81	11881	

$$\begin{array}{r}
 107 \\
 \times 107 \\
 \hline
 749 \\
 107 \\
 \hline
 11449
 \end{array}$$

$$\begin{array}{r}
 107^2 \\
 100 \\
 2 \times 7 = \begin{array}{r} 14 49 \\ \hline 114 49 \end{array} = 7^2 = 14449
 \end{array}$$