(13) To high accuracy, and yet also with a commendable economy of effort, find

   (a) at least the **volume** and
   (b) maybe also the **surface area**

of the pseudocube $x^4 + y^4 + z^4 = 1$, itself of course related closely to the thing from Problem 7.

x	f(x)
1	0.568 2921
2	555 9630
3	538 9725
4	520 1853
5	497 0941
6	470 8183
7	441 6014
8	409 7092
9	0.375 4275
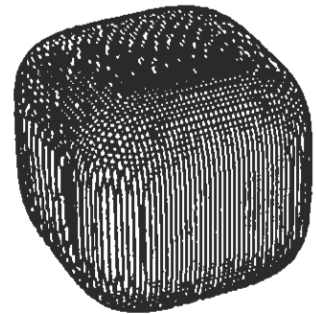
(14) The shoddy table on the right contains fairly gross typographic errors in **exactly two** of its digits. Find and repair them!

(15) Calculate the **mean distance** between many pairs of points P and Q dropped at random and independently onto a circle of unit radius.