

HP-41C Ultra Fast Root Finder by Geoff Smith  
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01 LBL "RF" ;Fast Root Finder
02 FIX 9
03 "FN NAME?"
04 AON
05 STOP
06 AOFF
07 ASTO 09
08 "GUESS?"
09 E-3 ;From V7N6P3 NOP
10 PROMPT
11 STO 05
12 +
13 STO 06
14 XEQ IND 09
15 STO 08
16 RCL 05
17 LBL 00
18 VIEW 05
19 XEQ IND 09
20 STO 07
21 RCL 06
22 *
23 RCL 05
24 RCL 08
25 *
26 -
27 RCL 07
28 ENTER
29 X<> 08
30 -
31 /
32 X<> 05
33 RND ;From V7N6P3 NOP
34 STO 06
35 RCL 05
36 X#Y?
37 GTO 00
38 END
```

0045C000F30052469C09F8464E204E414D453F8C848B9A09F6  
47554553533F1B1C138E354036AE893825019805AE89372642  
252842412783CE084143CE056E362579B100C0000D2D

69 BYTES

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Program Registers Needed: 10

Row 1 (1 - 3)



Row 2 (3 - 8)



Row 3 (8 - 15)



Row 4 (16 - 26)



Row 5 (27 - 37)



Row 6 (37 - 38)

