

HP-41C Reduce Fractions Routine by John Dearing
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01 LBL "REDUCE" ;Reduce Fractions Routine
02 "NUMERATOR?"
03 PROMPT
04 STO 00
05 "DENOMINATOR?"
06 PROMPT
07 STO 01
08 LBL 01
09 STO Z
10 MOD
11 X#0?
12 GTO 01
13 +
14 ST/ 00
15 ST/ 01
16 FIX 0
17 CF 29
18 "GCD="
19 ARCL X
20 AVIEW
21 PSE
22 CLA
23 ARCL 00
24 >"/"
25 ARCL 01
26 AVIEW
27 FIX 4
28 SF 29
29 CLX
30 END
```

0050C000F700524544554345FA4E554D455241544F523F8E30
FC44454E4F4D494E41544F523F8E310291714B63B200409500
95019C00A91DF44743443D9B737E89879B00F27F2F9B017E9C
04A81D77C0000D77

80 BYTES

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Program Registers Needed: 12

Row 1 (1 - 2)



Row 2 (2 - 5)



Row 3 (5 - 8)



Row 4 (9 - 16)



Row 5 (17 - 23)



Row 6 (23 - 30)



Row 7 (30)

