

HP-41C Ruler Style Fraction Conversions by Richard Kimmel
PPC Calculator Journal Vol 10 Number 1 Pg 42 Jan-Feb 1983
Program utilizes PPC ROM for line 68 - View Alpha routine

```
01 LBL "FD"      ;Fraction to Decimal
02 /
03 +
04 RTN
05 LBL "DF?"     ;Extra lines to locate if stored in XF/M
06 RTN
07 LBL "DF"     ;Decimal to Fraction
08 FC? 04
09 CLA
10 ENTER
11 FRC
12 FIX 0
13 CF 29
14 16
15 ENTER
16 X<> Z
17 *
18 RND
19 X=0?
20 GTO 02
21 X=Y?
22 GTO 04
23 ENTER
24 LBL 01
25 CLX
26 2
27 ST/ Z
28 /
29 ENTER
30 FRC
31 X=0?
32 GTO 01
33 CLX
34 2
35 ST* Z
36 *
37 LBL 02
38 R^
39 INT
40 X=0?
41 X=Y?
42 ARCL X
43 STO L
44 X<>Y
45 ST* L
46 X<>Y
47 R^
48 X<> L
49 X#0?
50 >" "        ;Append 1 space
51 X<> L
52 RDN
53 SIGN
54 *
55 X=0?
56 GTO 03
57 ARCL X
58 >"/"        ;Append 1 slash
59 ARCL Y
60 LBL 03
61 X<> Z
62 INT
63 X<> T
64 FIX 2
65 SF 29
66 FS?C 04
```

```
67 RTN
68 XROM 10,07 ;VA - PPC ROM View Alpha
69 STOP
70 LBL 04
71 CLX
72 1
73 ST+ T
74 CLX
75 GTO 02
76 END
```

```
007CC000F3004644434085C000F40044463F85C000F3004446
AD048783699C00A91D111683CE71426E67B30078B500830277
12957143836967B200771294714203746867789B7391747194
747174CE7463F27F20CE74757A4267B4009B73F27F2F9B7204
CE7168CE709C02A81DAA0485A28784057711927077B300C000
0DF2
```

124 BYTES

HP-41C Ruler Style Fraction Conversions Test by Richard Kimmel
PPC Calculator Journal Volume 10 Number 1 Page 42 Jan-Feb 1983

```
01 LBL "CONV" ;Fraction Conversions Test
02 ADV
03 FIX 9
04 CLA
05 ARCL X
06 >" = " ;Append space equal sign space
07 SF 04 ;Setting flag 4 allows use of DF as subroutine
08 XEQ "DF" ;Decimal to Fraction routine (line 7)
09 >". " ;Append period
10 XROM 29,08 ;PRA
11 ADV
12 XROM 29,19 ;PRSTK
13 END
```

```
0024C000F500434F4E568F9C09879B73F47F203D20A8041EF2
4446F27F2EA7488FA753C0000DF2
```

36 BYTES

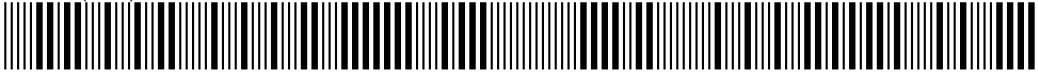
HP-41C Ruler Style Fraction Conversions by Richard Kimmel PPC V10 N1 P42

Program Registers Needed: 18

Row 1 (1 - 5)



Row 2 (5 - 9)



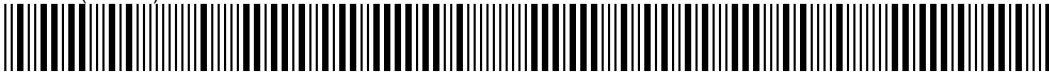
Row 3 (10 - 18)



Row 4 (19 - 28)



Row 5 (29 - 39)



Row 6 (40 - 48)



Row 7 (49 - 57)



Row 8 (57 - 64)



Row 9 (64 - 73)



Row 10 (73 - 76)



HP-41C Ruler Style Fraction Conversion Test by Richard Kimmel PPC V10 N2 P42

Program Registers Needed: 6

Row 1 (1 - 5)



Row 2 (5 - 9)



Row 3 (9 - 13)

