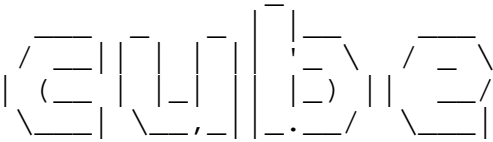


Cube

Cube				
Root	Cube			

```
=====
                        C U B E
=====
      Cube root and cube calculation.
+-----+-----+-----+-----+
| Step | Procedure | Keys | Display |
+-----+-----+-----+-----+
|  1   | Cube root calculation | n A |  root  |
|  2   | Cube calculation      | n B |  cube  |
+-----+-----+-----+-----+
      (idea taken from the hpmuseum.org forum)
=====
```



```

// ##### CUBE ROOT CALCULATION #####
LBL A
STO 03 CLX RCL 03
X>Y COS STF 1 +/-
LBL COS
STO 02 D' RCL 03 PRT 1 STO 01 1 0 STO 00
LBL SQR
RCL 02 RCL 01 * SQR SQR 4 * RCL 01 - 3 / STO 01
DSZ 00 SQR
INV IFF 01 SIN
+/- STO 01 INV STF 1
LBL SIN
PRT D' RCL 01
R/S

// ##### CUBE CALCULATION #####
LBL B
STO 02 D' RCL 02 PRT PRD 02 PRD 02 RCL 02 PRT D' RCL 02
R/S

// ##### LINE #####
LBL D'
OP 00
2 0 2 0 2 0 2 0 2 0 OP 01
OP 02
OP 03
OP 04
OP 05
RTN

```



L A B E L S
001 11 A
013 39 COS
028 34 SQR
059 38 SIN
066 12 B
085 19 D'

Adr	Branch.
COS	007 77 X>Y
D'	016 19 D'
D'	061 19 D'
D'	069 19 D'
D'	080 19 D'
SIN	049 87 IFF
SQR	045 97 DSZ

Reg.	Instr.
00	025 42 STO
01	021 42 STO
	031 43 RCL
	038 43 RCL
	043 42 STO
	053 42 STO
	062 43 RCL
02	014 42 STO
	029 43 RCL
	067 42 STO
	070 43 RCL
	073 49 PRD
	075 49 PRD
	077 43 RCL
	081 43 RCL
03	002 42 STO
	005 43 RCL
	017 43 RCL

