Greatest Common Divisor (GCD)

The two values for which the GCD is to be found must be in the X & Y stack registers. (One less computational cycle is required if the value in the Y Register is larger than the value in the X Register). All the stack registers contain the GCD when the routine is done.

Key in first value, press ENTER, key in second value, press E.

Example GCD (466560, 1679616) = 93312

```
066 f LBL E  31 25 15
067 ENTER    41
068 ENTER    41
069 CLX      44
070 +        61
071 R↓       35 53
072 ÷        81
073 f INT    31 83
074 R↓       35 53
075 R↓       35 53
076 R↓       35 53
077 x        71
078 -        51
079 f X≠0?   31 61
080 GTO E    22 15
081 +        61
082 h RTN    35 22
```