

The following code would be added at line 30 (after TestD routine) to Figure 10.15

```
TestNum    LD R1, Neg0
           ADD R1, R1, R0
           BRn HaltCalc
           LD R1, Neg9
           ADD R1, R1, R0
           BRp HaltCalc
           BRnz EnterNumber

HaltCalc   LD R0, XVal
           BRnzp TestX

Neg0       .FILL x-30
Neg9       .FILL x-39
XVal       .FILL x58
```