; Z is at R5+0, VAL is at R5 − 1, X is at R5 + 4, Y is at R5+5

; DIVIDE … DIVIDE R0 by R1, return quotient in R0

; MULT … MULT R0 by R1, return product in R0

; z = x / y

```
LDR R0,R5,#4        ; copy X into R0
LDR R1,R5,#5        ; copy Y into R1
JSR DIVIDE          ; R0 = R0 / R1
STR R0,R5,#0
```