

5) entrée D3.L met D1.W = k tel que $2^k \approx \text{base}^{k_0}$

caserne D3.L

$$k = k_0 \frac{\log(\text{base})}{\log(2)}$$

SP MCS3:MOVEM.L D3/A5/A6, -(SP)

```

MOVE D3,D1
BLE ERRRG
LEA TBASE,A0
BSR XEXPJ2
MOVE.L A2,A6
MOVE.L A2,A0
BSR XBNS
CMP #1000,D1
BCC ERRRG
ADD #1,D1
MOVEM.L (SP)+, D3/A5/A6
RTS

```

ADD #10,D1
ADD #1,D1