```
slip<
b a20,b20
i=470
[
    Some simple tests of GIER arithmetics

    mktest3

    If the test stops, status is shown in the indicator:

    0:    Unknown stop
    1:    p×s = 0
    2:    p×s/p = 0
    3:    p×s/p/s = 0
    4:    p×s/p/s−1.0 ǂ 0
    1023: KB=1

    MK, 26−Jul−2011
]
b0:  pi  0     , vy  0     ;
     pp  255               ; for p:=255 step −1 until 1 do begin
b3:  arn p     D           ; Raddr:=p;
     nkf 9     , grf ra1   ; RF:=p; a1:=float(p);
     ps  255               ; for s:=255 step −1 until 1 do begin
b4:  arn s     D           ; Raddr:=s;
     nkf 9     , grf ra2   ; RF:=s; a2:=float(s);
     arnf ra1              ; RF:=a1
     mkf ra2               ; RF:=RF×a2
     pi  1                 ; IN:=1;
     zq                LZ  ; if R=0 then STOP;
     grf ra3               ; a3:=a1×a2;
     dkf ra1               ; RF:=RF/a1;
     pi  2                 ; IN:=2;
     zq                LZ  ; if R=0 then STOP;
     grf ra4               ; a4:=a1×a2/a1;
     dkf ra2               ; RF:=RF/a2;
     pi  3                 ; IN:=3;
     zq                LZ  ; if R=0 then STOP;
     grf ra5               ; a5:=a1×a2/a1/a2;
     srf ra0               ; RF:=RF−1.0;
     pi  4                 ; IN:=4;
     zq                NZ  ; if Rǂ0 then STOP;
     pi  0                 ; IN:=0;
     bs  s−1               ;
     ps  s−1   , hv  rb4   ; end;
     psn 200               ; for s:=200 step −1 until 1 do begin
b5:  ar  p     D           ; comment Beep;
     bs  s−1               ;
     ps  s−1   , hv  rb5   ; end;
     bs  p−1               ;
     pp  p−1   , hv  rb3   ; end;

     pi  1023              ; IN:=1023;
     zq                LKB ; if kbon then STOP;
     hv  rb0               ; Loop back
;
a0:  0/256/0/0             ; 1.0
a1:  qq                    ; p
a2:  qq                    ; s
a3:  qq                    ; p×s
a4:  qq                    ; p×s/p
a5:  qq                    ; p×s/p/s
b1:  zq
b2=512
b2:  hv  rb0               ; Must be cell 512 for track 0 reader
eb1
```