División entera

DIVE: Lab. I (DIVab)

Dinsión Recursiva

DIV: Y hydab. (Maab) (y(Sd) (SUBab) b70

(MQ) Mayor que

Ma = lab. 7 (MGba)

(SUB) Resta

SUB = Nab. bPa

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Prieba DIVE 52
(lab. $ (DIVab)) (5)(2)
€ (DIV(S)(2))
DIV (5)(2) YR=RYR
: 4 } \ y q ab. (Maab) (y ($d), (SUB ab)b) } 0 \ y R 5 ]
: (MQ52)(O(S(YR)), (SUB52)2)
= S[(M&32)(O(S(YR)),(SUB32)2)
= S (S [(MQ12)(O(S(YR)), (SUB12)2)])
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= S(SO) = S1 = 2

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MQ 52
= (=) ab. 7 (MGba))(5)(2)
= ([5/a]b.7(MGba))(2)
= ([2/6]7 (MG 65))
= 7 (MG 25)
 7 (1 ba. 2 (bPa) 25)
= 7 ([2/b] a. Z(bPa)5)
= 7 ([5/a] Z (2Pa))
= 7 (Z(2P5))
= 7 (Z ( ) SZ. S(SZ)) P5)
= 7 (Z([P/s] 12.s(sZ))5)
=7 (Z( 12. P(PZ))5)
= 7 (Z ([5/z] P(Pz)))
:7(Z(P(P5)))
= 7 (Z (P4))
=7(Z3)
= 7(F)
= T
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SUB 52

= (1 ab. bPa)52

= ([5/a] b. bPa) 2

= (16.6P5)2

= ([2/b] bP5)

= 2P5

= (1 sz. s(sz)) P5

= ([P/s] z. s(sz))5

(85) ==

= (X Z. P (PZ))5

= [5/z] P(Pz)

= P(P5)

= P4

= 3

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MQ 32
= (Nab. 7 (MGba)) (3) (2)
= ([3/a] b. 7 (MGba))(2)
= ([2/b] 7 (MGb3))
= 7 (MG 23)
: 7 ( Aba. Z (bPa) 23)
= 7 ([2/b] a. Z (bPa) 3)
= 7 ([3/a] Z (2Pa))
· 7 (Z (2P3))
: 7 (Z (152.5(52)) P3)
= 7 (Z ([P/s] x z. s(sz))3)
= 7 (Z(XZ.P(PZ))3)
= 7 (2 ([3/z]p(pz)))
= 7 (Z (P(P3)))
= 7 (Z (P2))
= 7 (21)
= 7 (F)
= T .
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SUB 32

= (1 ab. bPa) 32

= ([3/a]b.bPa)2

= (1 b. b P3)2

· ([2/b]bP3)

= 2P3

 $= (\lambda_{57.5(57)})p_3$

= ([P/s] z.s(sz))3

= (\ z.P(Pz))3

= ([3/z]P(Pz))

= P(P3)

= P2

= 101

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MQ12
= (,) ab. 7 (MG ba))(1)(2)
= ([1/a] b. 7(MGba))(2)
= ([2/b]7 (MGb1))
  7 (MG21)
= 7 (1 ba. Z (bPa) 21)
= 7 ([2/b] a. Z (bPa)1)
: 7 ([1/a] Z(2Pa))
= 7 (Z (2PI))
= 7 (Z ( ) SZ. S(SZ)) PI)
= 7 (Z ([P/S] XZ. S(SZ))1)
= 7 (Z ( 12. P (PZ)) 1)
= 7 (Z([1/z]P(P+))
= 7 (Z (P(PI)))
= 7 (Z(PO))
= 7 (70)
= 7 (T)
= F
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SUB 12

= (1 ab. bPa) 12

= ([1/a]b.bPa)2

= (\lambda b. b P 1) 2

= ([2/b]bPI)

= 2P1

= (\ SZ. S(SZ)) PI

= ([p/s] z. s(sz)) 1

= (x 2. P(P2))1

= ([1/2] P(P2))

= P(P1)

= PO

= 0