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> # 円周率 3.xxxN ラスト桁N=0,1,2,,,,,9 by H.E:
> # 円周率 3.xxxNN ラスト桁NN=10,11,12,,,,,,99 by H.E:
> for N from 0 to 9 do for h from 1 to 1000 do if floor( evalf( Pi·10h, 100 ) ) - floor( evalf( Pi
·10h-1, 100 ) ) ·10 = N then H := h :break if:od: print( 3. . . . (N) [ {H+1} 桁]
= evalf( floor( evalf( Pi·10H, 100 ) ) ·10-H, H+1 ) ) :od:
3. . . . (0) {33} 桁 = 3.14159265358979323846264338327950
3. . . . (1) {2} 桁 = 3.1
3. . . . (2) {7} 桁 = 3.141592
3. . . . (3) {10} 桁 = 3.141592653
3. . . . (4) {3} 桁 = 3.14
3. . . . (5) {5} 桁 = 3.1415
3. . . . (6) {8} 桁 = 3.1415926
3. . . . (7) {14} 桁 = 3.1415926535897
3. . . . (8) {12} 桁 = 3.14159265358
3. . . . (9) {6} 桁 = 3.14159

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(1)

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> for NN from 10 to 99 do for h from 2 to 1000 do if floor( evalf( Pi·10h, 1000 ) )
- floor( evalf( Pi·10h-2, 1000 ) ) ·100 = NN then H := h :break if:od:
print( 3. . . . (NN) [ {H+1} 桁] = evalf( floor( evalf( Pi·10H, 1000 ) ) ·10-H, H
+ 1 ) [Last2 = NN] ) :od:
3. . . . (10) {51} 桁
= 3.14159265358979323846264338327950288419716939937510Last2=10
3. . . . (11) {96} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
0781640628620899862803482534211Last2=11
3. . . . (12) {150} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812Last2=12
3. . . . (13) {112} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513Last2=13
3. . . . (14) {3} 桁 = 3.14Last2=14
3. . . . (15) {5} 桁 = 3.1415Last2=15
3. . . . (16) {42} 桁 = 3.14159265358979323846264338327950288419716Last2=16
3. . . . (17) {97} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117Last2=17
3. . . . (18) {426} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\

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23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273724587006606315588174881520920962829254091715364\
36789259036001133053054882046652138414695194151160943305727036575959195\
309218_{Last2 = 18}

$$3. \circ \circ \circ (19)_{\{39\}} \text{桁} = 3.14159265358979323846264338327950288419_{Last2 = 19}$$

$$3. \circ \circ \circ (20)_{\{55\}} \text{桁}$$

$$= 3.141592653589793238462643383279502884197169399375105820_{Last2 = 20}$$

$$3. \circ \circ \circ (21)_{\{95\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
078164062862089986280348253421_{Last2 = 21}$$

$$3. \circ \circ \circ (22)_{\{137\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
2_{Last2 = 22}$$

$$3. \circ \circ \circ (23)_{\{18\}} \text{桁} = 3.14159265358979323_{Last2 = 23}$$

$$3. \circ \circ \circ (24)_{\{294\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
4821339360726024_{Last2 = 24}$$

$$3. \circ \circ \circ (25)_{\{91\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825_{Last2 = 25}$$

$$3. \circ \circ \circ (26)_{\{8\}} \text{桁} = 3.1415926_{Last2 = 26}$$

$$3. \circ \circ \circ (27)_{\{30\}} \text{桁} = 3.14159265358979323846264338327_{Last2 = 27}$$

$$3. \circ \circ \circ (28)_{\{35\}} \text{桁} = 3.1415926535897932384626433832795028_{Last2 = 28}$$

$$3. \circ \circ \circ (29)_{\{188\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
2317253594081284811174502841027019385211055596446229_{Last2 = 29}$$

$$3. \circ \circ \circ (30)_{\{66\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
0_{Last2 = 30}$$

$$3. \circ \circ \circ (31)_{\{139\}} \text{桁}$$

$$= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
231_{Last2 = 31}$$

$$3. \circ \circ \circ (32)_{\{17\}} \text{桁} = 3.1415926535897932_{Last2 = 32}$$

$$3. \circ \circ \circ (33)_{\{26\}} \text{桁} = 3.1415926535897932384626433_{Last2 = 33}$$

3. . . . (34)_{88} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034_{Last2=34}
3. . . . (35)_{11} 桁 = 3.1415926535_{Last2=35}
3. . . . (36)_{287} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
482133936_{Last2=36}
3. . . . (37)_{48} 桁 = 3.14159265358979323846264338327950288419716939937_{Last2=37}
3. . . . (38)_{19} 桁 = 3.141592653589793238_{Last2=38}
3. . . . (39)_{45} 桁 = 3.14159265358979323846264338327950288419716939_{Last2=39}
3. . . . (40)_{72} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
0781640_{Last2=40}
3. . . . (41)_{4} 桁 = 3.141_{Last2=41}
3. . . . (42)_{94} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342_{Last2=42}
3. . . . (43)_{25} 桁 = 3.141592653589793238462643_{Last2=43}
3. . . . (44)_{61} 桁
= 3.141592653589793238462643383279502884197169399375105820974944_{Last2=44}
3. . . . (45)_{62} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445_{Last2=45}
3. . . . (46)_{21} 桁 = 3.14159265358979323846_{Last2=46}
3. . . . (47)_{121} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647_{Last2=47}
3. . . . (48)_{89} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
078164062862089986280348_{Last2=48}
3. . . . (49)_{59} 桁
= 3.1415926535897932384626433832795028841971693993751058209749_{Last2=49}
3. . . . (50)_{33} 桁 = 3.14159265358979323846264338327950_{Last2=50}
3. . . . (51)_{50} 桁
= 3.1415926535897932384626433832795028841971693993751_{Last2=51}
3. . . . (52)_{174} 桁
= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\

23172535940812848111745028410270193852_{Last2 = 52}

$$3. \circ \circ \circ (53)_{\{10\}} \text{桁} = 3.141592653_{Last2 = 53}$$

$$3. \circ \circ \circ (54)_{\{193\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
231725359408128481117450284102701938521105559644622948954_{Last2 = 54}

$$3. \circ \circ \circ (55)_{\{132\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
0781640628620899862803482534211706798214808651328230664709384460955_{Last2}
= 55

$$3. \circ \circ \circ (56)_{\{212\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756_{Last2 = 56}

$$3. \circ \circ \circ (57)_{\{406\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273724587006606315588174881520920962829254091715364\
367892590360011330530548820466521384146951941511609433057_{Last2 = 57}

$$3. \circ \circ \circ (58)_{\{12\}} \text{桁} = 3.14159265358_{Last2 = 58}$$

$$3. \circ \circ \circ (59)_{\{6\}} \text{桁} = 3.14159_{Last2 = 59}$$

$$3. \circ \circ \circ (60)_{\{129\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
0781640628620899862803482534211706798214808651328230664709384460_{Last2 = 60}

$$3. \circ \circ \circ (61)_{\{221\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461_{Last2 = 61}

$$3. \circ \circ \circ (62)_{\{22\}} \text{桁} = 3.141592653589793238462_{Last2 = 62}$$

$$3. \circ \circ \circ (63)_{\{314\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
482133936072602491412737245870066063_{Last2 = 63}

$$3. \circ \circ \circ (64)_{\{24\}} \text{桁} = 3.14159265358979323846264_{Last2 = 64}$$

$$3. \circ \circ \circ (65)_{\{9\}} \text{桁} = 3.14159265_{Last2 = 65}$$

$$3. \circ \circ \circ (66)_{\{119\}} \text{桁}$$

= 3.1415926535897932384626433832795028841971693993751058209749445923\
078164062862089986280348253421170679821480865132823066_{Last2 = 66}

3. . . . (67)_{100} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067_{Last2 = 67}

3. . . . (68)_{607} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273724587006606315588174881520920962829254091715364\
36789259036001133053054882046652138414695194151160943305727036575959195\
30921861173819326117931051185480744623799627495673518857527248912279381\
83011949129833673362440656643086021394946395224737190702179860943702770\
539217176293176752384674818467669405132000568_{Last2 = 68}

3. . . . (69)_{43} 桁 = 3.141592653589793238462643383279502884197169_{Last2 = 69}

3. . . . (70)_{98} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
078164062862089986280348253421170_{Last2 = 70}

3. . . . (71)_{41} 桁 = 3.1415926535897932384626433832795028841971_{Last2 = 71}

3. . . . (72)_{141} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172_{Last2 = 72}

3. . . . (73)_{301} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273_{Last2 = 73}

3. . . . (74)_{58} 桁

= 3.141592653589793238462643383279502884197169399375105820974_{Last2 = 74}

3. . . . (75)_{49} 桁

= 3.141592653589793238462643383279502884197169399375_{Last2 = 75}

3. . . . (76)_{571} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273724587006606315588174881520920962829254091715364\
36789259036001133053054882046652138414695194151160943305727036575959195\
30921861173819326117931051185480744623799627495673518857527248912279381\
83011949129833673362440656643086021394946395224737190702179860943702770\
539217176293176752384674818467669405132000568

539217176_{Last2=76}

3. . . (77)_{561} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273724587006606315588174881520920962829254091715364\
36789259036001133053054882046652138414695194151160943305727036575959195\
30921861173819326117931051185480744623799627495673518857527248912279381\
8301194912983367336244065664308602139494639522473719070217986094370277_L
_{ast2=77}

3. . . (78)_{68} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
078_{Last2=78}

3. . . (79)_{15} 桁 = 3.14159265358979_{Last2=79}

3. . . (80)_{86} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
078164062862089986280_{Last2=80}

3. . . (81)_{69} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
0781_{Last2=81}

3. . . (82)_{54} 桁

= 3.14159265358979323846264338327950288419716939937510582_{Last2=82}

3. . . (83)_{28} 桁 = 3.141592653589793238462643383_{Last2=83}

3. . . (84)_{20} 桁 = 3.1415926535897932384_{Last2=84}

3. . . (85)_{173} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
2317253594081284811174502841027019385_{Last2=85}

3. . . (86)_{76} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286_{Last2=86}

3. . . (87)_{307} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091456485669234603486104543266\
48213393607260249141273724587_{Last2=87}

3. . . (88)_{36} 桁 = 3.14159265358979323846264338327950288_{Last2=88}

3. . . (89)_{13} 桁 = 3.141592653589_{Last2=89}

3. . . (90)_{249} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\

07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
097566593344612847564823378678316527120190_{Last2 = 90}

3. . . . (91)_{251} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
23172535940812848111745028410270193852110555964462294895493038196442881\
09756659334461284756482337867831652712019091_{Last2 = 91}

3. . . . (92)_{7} 桁 = 3.141592_{Last2 = 92}

3. . . . (93)_{16} 桁 = 3.141592653589793_{Last2 = 93}

3. . . . (94)_{60} 桁

= 3.14159265358979323846264338327950288419716939937510582097494_{Last2 = 94}

3. . . . (95)_{32} 桁 = 3.1415926535897932384626433832795_{Last2 = 95}

3. . . . (96)_{182} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998628034825342117067982148086513282306647093844609550582\
2317253594081284811174502841027019385211055596_{Last2 = 96}

3. . . . (97)_{14} 桁 = 3.1415926535897_{Last2 = 97}

3. . . . (98)_{82} 桁

= 3.1415926535897932384626433832795028841971693993751058209749445923\
07816406286208998_{Last2 = 98}

3. . . . (99)_{46} 桁 = 3.141592653589793238462643383279502884197169399_{Last2 = 99}

(2)

