

```

#####
#####
### File "c4_dipil_to_pil_in_me_basis";
#####
#####
### restart;

deb:=X-> [seq(op(k,X),k=1..nops(X)-1)]; ##
summa:=X-> add(op(k,X),k=1..nops(X)); ##

heem:=proc(X): proc(p): if p=0 or p>op(+1,X) then 0 else (-1)^(1+nops(X))*op(-1,X)*a[summa(X)-p] fi end: end:
heem0:=proc(X): (-1)^(1+nops(X))*op(-1,X)*a[summa(X)] end:

### remep:='remep': remep[]:=1: a:='a': [seq(a[r]= -1/(1+r)!, r=1..14)]; assign(%);

Mep:=proc(X):
  if X=[] then 1
  elif nops(X)=1 and op(X)=1 then +a[1]
  elif nops(X)=1 and op(X)>1 then
    +1/summa(X)*heem0(X)
    +1/summa(X)*add(remep[p]*heem(X)(p),p=1..op(X)-1)
  elif nops(X)>1 then
    +1/summa(X)*add( remep[seq(op(k,X),k=1..i-1)]*heem0([seq(op(k,X),k=i..nops(X))]), i=1..nops(X))
    +1/summa(X)*add(add(remep[seq(op(k,X),k=1..i-1),p,seq(op(k,X),k=j+1..nops(X))]*heem([seq(op(k,X),k=i..j)])(p),
    p=1.. min(op(i,X),add(op(k,X),k=i..j)-1)), i=1..j),j=1..nops(X))
  fi end:

#####
seremop1:= [remop[1] = 1/2] : ##

seremop2:= [remop[2] = 5/6, remop[1,1] = -1/6] : ##

seremop3:= [remop[3] = 9/4, remop[1,2] = -1/2, remop[2,1] = -1/2, remop[1,1,1] = 1/4] : ##

seremop4:= [remop[4] = 251/30, remop[1,3] = -19/10, remop[2,2] = -21/10, remop[3,1] = -59/30,
remop[1,1,2] = 11/10, remop[1,2,1] = 4/5, remop[2,1,1] = 17/15, remop[1,1,1,1] = -19/30] : ##

seremop5:= [remop[5] = 475/12, remop[1,4] = -9, remop[2,3] = -41/4, remop[3,2] = -127/12,
remop[4,1] = -29/3, remop[1,1,3] = 11/2, remop[1,2,2] = 9/2, remop[1,3,1] = 7/2, remop[2,1,2] = 77/12,
remop[2,2,1] = 14/3, remop[3,1,1] = 71/12, remop[1,1,1,2] = -11/3, remop[1,1,2,1] = -8/3,
remop[1,2,1,1] = -8/3, remop[2,1,1,1] = -23/6, remop[1,1,1,1,1] = 9/4] : ##

seremop6:=
[remop[6] = 19087/84, remop[1,5] = -4315/84, remop[2,4] = -2489/42, remop[3,3] = -5291/84, remop[4,2] = -1331/21,
remop[5,1] = -1599/28, remop[1,1,4] = 1355/42, remop[1,2,3] = 2309/84, remop[1,3,2] = 1003/42, remop[1,4,1] = 535/28,
remop[2,1,3] = 824/21, remop[2,2,2] = 2699/84, remop[2,3,1] = 2081/84, remop[3,1,2] = 1717/42, remop[3,2,1] = 209/7,
remop[4,1,1] = 760/21, remop[1,1,1,3] = -955/42, remop[1,1,2,2] = -1565/84, remop[1,1,3,1] = -1199/84, remop[1,2,1,2] = -793/42,
remop[1,2,2,1] = -97/7, remop[1,3,1,1] = -201/14, remop[2,1,1,2] = -2279/84, remop[2,1,2,1] = -139/7, remop[2,2,1,1] = -410/21,
remop[3,1,1,1] = -2095/84, remop[1,1,1,1,2] = 1355/84, remop[1,1,1,2,1] = 83/7, remop[1,1,2,1,1] = 242/21,
remop[1,2,1,1,1] = 83/7, remop[2,1,1,1,1] = 715/42, remop[1,1,1,1,1,1] = -863/84] : ##

seremop7:=
[remop[7] = 36799/24, remop[1,6] = -1375/4, remop[2,5] = -2395/6, remop[3,4] = -5155/12, remop[4,3] = -2669/6,
remop[5,2] = -5297/12, remop[6,1] = -1577/4, remop[1,1,5] = 1755/8, remop[1,2,4] = 572/3, remop[1,3,3] = 1375/8,
remop[1,4,2] = 1837/12, remop[1,5,1] = 995/8, remop[2,1,4] = 3265/12, remop[2,2,3] = 5573/24, remop[2,3,2] = 4805/24,
remop[2,4,1] = 1903/12, remop[3,1,3] = 7085/24, remop[3,2,2] = 5827/24, remop[3,3,1] = 1495/8, remop[4,1,2] = 295,
remop[4,2,1] = 649/3, remop[5,1,1] = 6137/24, remop[1,1,1,4] = -955/6, remop[1,1,2,3] = -136, remop[1,1,3,2] = -933/8,
remop[1,1,4,1] = -2201/24, remop[1,2,1,3] = -1109/8, remop[1,2,2,2] = -1375/12, remop[1,2,3,1] = -1055/12,
remop[1,3,1,2] = -719/6, remop[1,3,2,1] = -177/2, remop[1,4,1,1] = -743/8, remop[2,1,1,3] = -4775/24, remop[2,1,2,2] = -3937/24,
remop[2,1,3,1] = -1005/8, remop[2,2,1,2] = -3923/24, remop[2,2,2,1] = -362/3, remop[2,3,1,1] = -2945/24, remop[3,1,1,2] = -1667/8,
remop[3,1,2,1] = -460/3, remop[3,2,1,1] = -899/6, remop[4,1,1,1] = -365/2, remop[1,1,1,1,3] = 955/8, remop[1,1,1,2,2] = 593/6,
remop[1,1,1,3,1] = 227/3, remop[1,1,2,1,2] = 779/8, remop[1,1,2,2,1] = 433/6, remop[1,1,3,1,1] = 1739/24,
remop[1,2,1,1,2] = 1207/12, remop[1,2,1,2,1] = 149/2, remop[1,2,2,1,1] = 433/6, remop[1,3,1,1,1] = 305/4,
remop[2,1,1,1,2] = 3461/24, remop[2,1,1,2,1] = 320/3, remop[2,1,2,1,1] = 619/6, remop[2,2,1,1,1] = 313/3,
remop[3,1,1,1,1] = 1061/8, remop[1,1,1,1,1,2] = -351/4, remop[1,1,1,1,2,1] = -391/6, remop[1,1,1,2,1,1] = -377/6,
remop[1,1,2,1,1,1] = -377/6, remop[1,2,1,1,1,1] = -391/6, remop[2,1,1,1,1,1] = -373/4, remop[1,1,1,1,1,1,1] = 1375/24] : ##

seremop8:=
[remop[8] = 1070017/90, remop[1,7] = -237671/90, remop[2,6] = -92329/30, remop[3,5] = -60001/18,
remop[4,4] = -6989/2, remop[5,3] = -321137/90, remop[6,2] = -7019/2, remop[7,1] = -280361/90, remop[1,1,6] = 51079/30,
remop[1,2,5] = 1497, remop[1,3,4] = 24725/18, remop[1,4,3] = 57023/45, remop[1,5,2] = 102941/90, remop[1,6,1] = 42217/45,
remop[2,1,5] = 19213/9, remop[2,2,4] = 33475/18, remop[2,3,3] = 9991/6, remop[2,4,2] = 66146/45, remop[2,5,1] = 53216/45,
remop[3,1,4] = 4721/2, remop[3,2,3] = 182159/90, remop[3,3,2] = 17427/10, remop[3,4,1] = 12379/9, remop[4,1,3] = 110494/45,

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remop[4,2,2] = 10138/5, remop[4,3,1] = 70234/45, remop[5,1,2] = 14407/6, remop[5,2,1] = 26506/15, remop[6,1,1] = 30821/15, remop[1,1,1,5] = -22631/18, remop[1,1,2,4] = -19747/18, remop[1,1,3,3] = -2933/3, remop[1,1,4,2] = -38591/45, remop[1,1,5,1] = -61657/90, remop[1,2,1,4] = -20189/18, remop[1,2,2,3] = -87019/90, remop[1,2,3,2] = -37369/45, remop[1,2,4,1] = -11735/18, remop[1,3,1,3] = -91303/90, remop[1,3,2,2] = -37957/45, remop[1,3,3,1] = -29189/45, remop[1,4,1,2] = -80261/90, remop[1,4,2,1] = -3308/5, remop[1,5,1,1] = -20953/30, remop[2,1,1,4] = -28939/18, remop[2,1,2,3] = -6913/5, remop[2,1,3,2] = -106693/90, remop[2,1,4,1] = -16733/18, remop[2,2,1,3] = -20788/15, remop[2,2,2,2] = -103669/90, remop[2,2,3,1] = -8847/10, remop[2,3,1,2] = -53231/45, remop[2,3,2,1] = -13172/15, remop[2,4,1,1] = -40771/45, remop[3,1,1,3] = -79309/45, remop[3,1,2,2] = -7303/5, remop[3,1,3,1] = -50389/45, remop[3,2,1,2] = -43391/30, remop[3,2,2,1] = -3218/3, remop[3,3,1,1] = -2163/2, remop[4,1,1,2] = -26354/15, remop[4,1,2,1] = -19478/15, remop[4,2,1,1] = -56924/45, remop[5,1,1,1] = -45017/30, remop[1,1,1,1,4] = 17479/18, remop[1,1,1,2,3] = 4193/5, remop[1,1,1,3,2] = 32354/45, remop[1,1,1,4,1] = 5065/9, remop[1,1,2,1,3] = 24941/30, remop[1,1,2,2,2] = 62419/90, remop[1,1,2,3,1] = 15991/30, remop[1,1,3,1,2] = 31661/45, remop[1,1,3,2,1] = 7862/15, remop[1,1,4,1,1] = 48107/90, remop[1,2,1,1,3] = 77443/90, remop[1,2,1,2,2] = 32287/45, remop[1,2,1,3,1] = 24779/45, remop[1,2,2,1,2] = 31699/45, remop[1,2,2,2,1] = 1576/3, remop[1,2,3,1,1] = 1571/3, remop[1,3,1,1,2] = 33547/45, remop[1,3,1,2,1] = 2776/5, remop[1,3,2,1,1] = 2686/5, remop[1,4,1,1,1] = 17173/30, remop[2,1,1,1,3] = 18478/15, remop[2,1,1,2,2] = 92329/90, remop[2,1,1,3,1] = 7867/10, remop[2,1,2,1,2] = 90523/90, remop[2,1,2,2,1] = 2248/3, remop[2,1,3,1,1] = 1493/2, remop[2,2,1,1,2] = 91909/90, remop[2,2,1,2,1] = 11408/15, remop[2,2,2,1,1] = 33064/45, remop[2,3,1,1,1] = 68627/90, remop[3,1,1,1,2] = 19424/15, remop[3,1,1,2,1] = 14438/15, remop[3,1,2,1,1] = 41804/45, remop[3,2,1,1,1] = 2800/3, remop[4,1,1,1,1] = 50834/45, remop[1,1,1,1,1,3] = -22631/30, remop[1,1,1,1,2,2] = -56749/90, remop[1,1,1,1,3,1] = -14521/30, remop[1,1,1,2,1,2] = -27734/45, remop[1,1,1,2,2,1] = -1382/3, remop[1,1,1,3,1,1] = -1370/3, remop[1,1,2,1,1,2] = -55699/90, remop[1,1,2,1,2,1] = -6938/15, remop[1,1,2,2,1,1] = -20074/45, remop[1,1,3,1,1,1] = -41177/90, remop[1,2,1,1,1,2] = -28927/45, remop[1,2,1,1,2,1] = -7208/15, remop[1,2,1,2,1,1] = -6938/15, remop[1,2,2,1,1,1] = -1382/3, remop[1,3,1,1,1,1] = -2441/5, remop[2,1,1,1,1,2] = -82669/90, remop[2,1,1,1,2,1] = -10288/15, remop[2,1,1,2,1,1] = -29704/45, remop[2,1,2,1,1,1] = -1970/3, remop[2,2,1,1,1,1] = -30124/45, remop[3,1,1,1,1,1] = -76153/90, remop[1,1,1,1,1,1,2] = 51079/90, remop[1,1,1,1,1,2,1] = 2126/5, remop[1,1,1,2,1,1] = 18394/45, remop[1,1,1,2,1,1,1] = 1216/3, remop[1,1,2,1,1,1,1] = 18394/45, remop[1,2,1,1,1,1,1] = 2126/5, remop[2,1,1,1,1,1,1] = 27289/45, remop[1,1,1,1,1,1,1,1] = -33953/90 : ##

seremop9:=

[remop[9] = 2082753/20, remop[1,8] = -114562/5, remop[2,7] = -535171/20, remop[3,6] = -581751/20, remop[4,5] = -122749/4, remop[5,4] = -634433/20, remop[6,3] = -642087/20, remop[7,2] = -627607/20, remop[8,1] = -138622/5, remop[1,1,7] = 14875, remop[1,2,6] = 131757/10, remop[1,3,5] = 48853/4, remop[1,4,4] = 57281/5, remop[1,5,3] = 213983/20, remop[1,6,2] = 97367/10, remop[1,7,1] = 40187/5, remop[2,1,6] = 375501/20, remop[2,2,5] = 66219/4, remop[2,3,4] = 60391/4, remop[2,4,3] = 69077/5, remop[2,5,2] = 123613/10, remop[2,6,1] = 10046, remop[3,1,5] = 41957/2, remop[3,2,4] = 367331/20, remop[3,3,3] = 328581/20, remop[3,4,2] = 72287/5, remop[3,5,1] = 57914/5, remop[4,1,4] = 444677/20, remop[4,2,3] = 95721/5, remop[4,3,2] = 16487, remop[4,4,1] = 64968/5, remop[5,1,3] = 226281/10, remop[5,2,2] = 187491/10, remop[5,3,1] = 144419/10, remop[6,1,2] = 436737/20, remop[6,2,1] = 80592/5, remop[7,1,1] = 370493/20, remop[1,1,1,6] = -55566/5, remop[1,1,2,5] = -39273/4, remop[1,1,3,4] = -17833/2, remop[1,1,4,3] = -81131/10, remop[1,1,5,2] = -28857/4, remop[1,1,6,1] = -58243/10, remop[1,2,1,5] = -40223/4, remop[1,2,2,4] = -44269/5, remop[1,2,3,3] = -158091/20, remop[1,2,4,2] = -69243/10, remop[1,2,5,1] = -110299/20, remop[1,3,1,4] = -46508/5, remop[1,3,2,3] = -32263/4, remop[1,3,3,2] = -69421/10, remop[1,3,4,1] = -109027/20, remop[1,4,1,3] = -170891/20, remop[1,4,2,2] = -71343/10, remop[1,4,3,1] = -54977/10, remop[1,5,1,2] = -37896/5, remop[1,5,2,1] = -28212/5, remop[1,6,1,1] = -59749/10, remop[2,1,1,5] = -57589/4, remop[2,1,2,4] = -252931/20, remop[2,1,3,3] = -56364/5, remop[2,1,4,2] = -98649/10, remop[2,1,5,1] = -157031/20, remop[2,2,1,4] = -254327/20, remop[2,2,2,3] = -220469/20, remop[2,2,3,2] = -37911/4, remop[2,2,4,1] = -37168/5, remop[2,3,1,3] = -227231/20, remop[2,3,2,2] = -189843/20, remop[2,3,3,1] = -146201/20, remop[2,4,1,2] = -98723/10, remop[2,4,2,1] = -7358, remop[2,5,1,1] = -7651, remop[3,1,1,4] = -322727/20, remop[3,1,2,3] = -278979/20, remop[3,1,3,2] = -23947/2, remop[3,1,4,1] = -187647/20, remop[3,2,1,3] = -69477/5, remop[3,2,2,2] = -231981/20, remop[3,2,3,1] = -35687/4, remop[3,3,1,2] = -118119/10, remop[3,3,2,1] = -44019/5, remop[3,4,1,1] = -90053/10, remop[4,1,1,3] = -16830, remop[4,1,2,2] = -70026/5, remop[4,1,3,1] = -53761/5, remop[4,2,1,2] = -13825, remop[4,2,2,1] = -51458/5, remop[4,3,1,1] = -51623/5, remop[5,1,1,2] = -81753/5, remop[5,1,2,1] = -60642/5, remop[5,2,1,1] = -58967/5, remop[6,1,1,1] = -137529/10, remop[1,1,1,1,5] = 17479/2, remop[1,1,1,2,4] = 38549/5, remop[1,1,1,3,3] = 68733/10, remop[1,1,1,4,2] = 30029/5, remop[1,1,1,5,1] = 47687/10, remop[1,1,2,1,4] = 76691/10, remop[1,1,2,2,3] = 13345/2, remop[1,1,2,3,2] = 114817/20, remop[1,1,2,4,1] = 89997/20, remop[1,1,3,1,3] = 33982/5, remop[1,1,3,2,2] = 113929/20, remop[1,1,3,3,1] = 87823/20, remop[1,1,4,1,2] = 23437/4, remop[1,1,4,2,1] = 21904/5, remop[1,1,5,1,1] = 90161/20, remop[1,2,1,1,4] = 39733/5, remop[1,2,1,2,3] = 27645/4, remop[1,2,1,3,2] = 59391/10, remop[1,2,1,4,1] = 92977/20, remop[1,2,2,1,3] = 27309/4, remop[1,2,2,2,2] = 57281/10, remop[1,2,2,3,1] = 44131/10, remop[1,2,3,1,2] = 28849/5, remop[1,2,3,2,1] = 21606/5, remop[1,2,4,1,1] = 87419/20, remop[1,3,1,1,3] = 144557/20, remop[1,3,1,2,2] = 6057, remop[1,3,1,3,1] = 23299/5, remop[1,3,2,1,2] = 59391/10, remop[1,3,2,2,1] = 22248/5, remop[1,3,3,1,1] = 44201/10, remop[1,4,1,1,2] = 31659/5, remop[1,4,1,2,1] = 23676/5, remop[1,4,2,1,1] = 22896/5, remop[1,5,1,1,1] = 97923/20, remop[2,1,1,1,4] = 227227/20, remop[2,1,1,2,3] = 197379/20, remop[2,1,1,3,2] = 33899/4, remop[2,1,1,4,1] = 66311/10, remop[2,1,2,1,3] = 194733/20, remop[2,1,2,2,2] = 163231/20, remop[2,1,2,3,1] = 25137/4, remop[2,1,3,1,2] = 82169/10, remop[2,1,3,2,1] = 30744/5, remop[2,1,4,1,1] = 124381/20, remop[2,2,1,1,3] = 39625/4, remop[2,2,1,2,2] = 166029/20, remop[2,2,1,3,1] = 127679/20, remop[2,2,2,1,2] = 32513/4, remop[2,2,2,2,1] = 30448/5, remop[2,2,3,1,1] = 120807/20, remop[2,3,1,1,2] = 169033/20, remop[2,3,1,2,1] = 31624/5, 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seremop11:=

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10590661/24, remop[1,1,2,1,1,4,1] = 2768037/8, remop[1,1,2,1,2,1,3] = 1000643/2, remop[1,1,2,1,2,2,2] = 10202207/24, remop[1,1,2,1,2,3,1] = 2636719/8, remop[1,1,2,1,3,1,2] = 5067361/12, remop[1,1,2,1,3,2,1] = 320167, remop[1,1,2,1,4,1,1] = 3823865/12, remop[1,1,2,2,1,1,3] = 2994317/6, remop[1,1,2,2,1,2,2] = 10178095/24, remop[1,1,2,2,1,3,1] = 7884989/24, remop[1,1,2,2,2,1,2] = 9923555/24, remop[1,1,2,2,2,2,1] = 941768/3, remop[1,1,2,2,3,1,1] = 7401121/24, remop[1,1,2,3,1,1,2] = 10052299/24, remop[1,1,2,3,1,2,1] = 317824, remop[1,1,2,3,2,1,1] = 306043, remop[1,1,2,4,1,1,1] = 2499835/8, remop[1,1,3,1,1,1,3] = 4114981/8, remop[1,1,3,1,2,2] = 10488251/24, remop[1,1,3,1,3,1] = 2707383/8, remop[1,1,3,1,2,1,2] = 1702269/4, remop[1,1,3,1,2,2,1] = 1938283/6, remop[1,1,3,1,3,1,1] = 3803933/12, remop[1,1,3,2,1,1,2] = 10162673/24, remop[1,1,3,2,1,2,1] = 643007/2, remop[1,1,3,2,2,1,1] = 1855717/6, remop[1,1,3,3,1,1,1] = 7488967/24, remop[1,1,4,1,1,1,2] = 3522029/8, remop[1,1,4,1,2,1,1] = 2004283/6, remop[1,1,4,1,2,1,1] = 1925897/6, remop[1,1,4,2,1,1,1] = 1908605/6, remop[1,1,5,1,1,1,1] = 7979281/24, remop[1,2,1,1,1,1,4] = 1807004/3, remop[1,2,1,1,2,3] = 4253735/8, remop[1,2,1,1,3,2] = 5515765/12, remop[1,2,1,1,4,1] = 8648653/24, remop[1,2,1,1,2,1,3] = 4167891/8, remop[1,2,1,1,2,2,2] = 1770755/4, remop[1,2,1,2,1,3,1] = 1372881/4, remop[1,2,1,1,3,1,2] = 879113/2, remop[1,2,1,1,3,2,1] = 333290, remop[1,2,1,1,4,1,1] = 7957567/24, remop[1,2,1,2,1,1,3] = 12452897/24, remop[1,2,1,2,1,2,2] = 5291893/12, remop[1,2,1,2,1,3,1] = 4099591/12, remop[1,2,1,2,2,1,2] = 5158507/12, remop[1,2,1,2,2,2,1] = 326404, remop[1,2,1,2,3,1,1] = 3846569/12, remop[1,2,1,3,1,1,2] = 5217797/12, remop[1,2,1,3,1,2,1] = 989992/3, remop[1,2,1,3,2,1,1] = 953164/3, remop[1,2,1,4,1,1,1] = 2591839/8, remop[1,2,2,1,1,1,3] = 4178979/8, remop[1,2,2,1,1,2,2] = 1776519/4, remop[1,2,2,1,1,3,1] = 1376093/4, remop[1,2,2,1,2,1,2] = 1729285/4, remop[1,2,2,1,2,2,1] = 328384, remop[1,2,2,1,3,1,1] = 3863861/12, remop[1,2,2,2,1,1,2] = 1718395/4, remop[1,2,2,2,1,2,1] = 326404, remop[1,2,2,2,1,1] = 941768/3, remop[1,2,2,3,1,1,1] = 3794407/12, remop[1,2,3,1,1,1,2] = 439661, remop[1,2,3,1,1,2,1] = 333983, remop[1,2,3,1,2,1,1] = 962426/3, remop[1,2,3,2,1,1,1] = 317582, remop[1,2,4,1,1,1,1] = 7866751/24, remop[1,3,1,1,1,1,1,3] = 4424741/8, remop[1,3,1,1,1,2,2] = 1410173/3, remop[1,3,1,1,1,3,1] = 363980, remop[1,3,1,1,2,1,2] = 5489519/12, remop[1,3,1,1,2,2,1] = 347337, remop[1,3,1,1,3,1,1] = 4086413/12, remop[1,3,1,2,1,1,2] = 2724613/6, remop[1,3,1,2,1,2,1] = 344895, remop[1,3,1,2,2,1,1] = 331673, remop[1,3,1,3,1,1,1] = 2002897/6, remop[1,3,2,1,1,1,2] = 5470379/12, remop[1,3,2,1,1,2,1] = 346380, remop[1,3,2,1,2,1,1] = 332619, remop[1,3,2,2,1,1,1] = 328956, remop[1,3,3,1,1,1,1] = 1341135/4, remop[1,4,1,1,1,1,2] = 5817605/12, remop[1,4,1,1,2,1,1] = 736133/2, remop[1,4,1,1,2,1,1] = 706763/2, remop[1,4,1,2,1,1,1] = 698359/2, remop[1,4,2,1,1,1,1] = 699261/2, remop[1,5,1,1,1,1,1] = 2979897/8, remop[2,1,1,1,1,4] = 1712209/2, remop[2,1,1,1,2,3] = 6040761/8, remop[2,1,1,1,3,2] = 15658139/24, remop[2,1,1,1,4,1] = 6136037/12, remop[2,1,1,1,2,1,3] = 5919079/8, remop[2,1,1,1,2,2,2] = 5025721/8, remop[2,1,1,1,2,3,1] = 11683585/24, remop[2,1,1,1,3,1,2] = 2495915/4, remop[2,1,1,1,3,2,1] = 472764, remop[2,1,1,1,4,1,1] = 3764435/8, remop[2,1,1,2,1,1,3] = 17685517/24, remop[2,1,1,2,1,2,2] = 15019633/24, remop[2,1,1,2,1,3,1] = 11629619/24, remop[2,1,1,2,2,1,2] = 14641937/24, remop[2,1,1,2,2,2,1] = 1388636/3, remop[2,1,1,2,3,1,1] = 10913035/24, remop[2,1,1,3,1,1,2] = 14815693/24, remop[2,1,1,3,1,2,1] = 468144, remop[2,1,1,3,2,1,1] = 450753, remop[2,1,1,4,1,1,1] = 5518607/12, remop[2,1,2,1,1,3] = 5930189/8, remop[2,1,2,1,1,2,2] = 15114871/24, remop[2,1,2,1,1,3,1] = 3900703/8, remop[2,1,2,1,2,1,2] = 14713459/24, remop[2,1,2,1,2,2,1] = 465328, remop[2,1,2,1,3,1,1] = 10953185/24, remop[2,1,2,2,1,1,2] = 14621983/24, remop[2,1,2,2,1,2,1] = 462556, remop[2,1,2,2,2,1,1] = 1334648/3, remop[2,1,2,3,1,1,1] = 3586059/8, remop[2,1,3,1,1,1,2] = 1246863/2, remop[2,1,3,1,2,1,1] = 946485/2, remop[2,1,3,1,2,1,1] = 454581, remop[2,1,3,2,1,1,1] = 900087/2, remop[2,1,4,1,1,1,1] = 3716607/8, remop[2,2,1,1,1,1,3] = 6070901/8, remop[2,2,1,1,1,2,2] = 15476221/24, remop[2,2,1,1,1,3,1] = 11981311/24, remop[2,2,1,1,2,1,2] = 15059717/24, remop[2,2,1,1,2,2,1] = 1429028/3, remop[2,2,1,1,3,1,1] = 11206999/24, remop[2,2,1,2,1,1,2] = 14944525/24, remop[2,2,1,2,1,2,1] = 472852, remop[2,2,1,2,2,1,1] = 1364084/3, remop[2,2,1,3,1,1,1] = 10979651/24, remop[2,2,2,1,1,1,2] = 14985445/24, remop[2,2,2,1,1,2,1] = 1423088/3, remop[2,2,2,1,2,1,1] = 1366460/3, remop[2,2,2,2,1,1,1] = 1351192/3, remop[2,2,3,1,1,1,1,1] = 3668625/8, remop[2,3,1,1,1,1,2] = 15610223/24, remop[2,3,1,1,1,2,1] = 2963755/6, remop[2,3,1,1,2,1,1] = 2845109/6, remop[2,3,1,2,1,1,1] = 2810261/6, remop[2,3,2,1,1,1,1] = 2810899/6, remop[2,4,1,1,1,1,1] = 5896589/12, remop[3,1,1,1,1,1,3] = 7610439/8, remop[3,1,1,1,1,2,2] = 6459131/8, remop[3,1,1,1,1,3,1] = 14989855/24, remop[3,1,1,1,2,1,2] = 2357182/3, remop[3,1,1,1,2,2,1] = 3574541/6, remop[3,1,1,1,3,1,1] = 1752923/3, remop[3,1,1,2,1,1,2] = 6238669/8, remop[3,1,1,2,1,2,1] = 1182941/2, remop[3,1,1,2,2,1,1] = 3412819/6, remop[3,1,1,3,1,1,1] = 13743577/24, remop[3,1,2,1,1,1,2] = 9380141/12, remop[3,1,2,1,1,2,1] = 1779466/3, remop[3,1,2,1,2,1,1] = 3417461/6, remop[3,1,2,2,1,1,1] = 3379819/6, remop[3,1,3,1,1,1,1] = 2295009/4, remop[3,2,1,1,1,1,2] = 19068821/24, remop[3,2,1,1,1,2,1] = 603037, remop[3,2,1,1,2,1,1] = 1736566/3, remop[3,2,1,2,1,1,1] = 1143341/2, remop[3,2,2,1,1,1,1] = 3428351/6, remop[3,3,1,1,1,1,1] = 4724713/8, remop[4,1,1,1,1,1,2] = 2844856/3, remop[4,1,1,1,1,2,1] = 2155798/3, remop[4,1,1,2,1,1,1] = 689827, remop[4,1,2,1,1,1] = 2044115/3, remop[4,1,2,1,1,1,1] = 4085095/6, remop[4,2,1,1,1,1,1] = 689112, remop[5,1,1,1,1,1,1] = 19233875/24, remop[1,1,1,1,1,1,1,4] = -538245, remop[1,1,1,1,1,1,2,3] = -1903375/4, remop[1,1,1,1,1,1,3,2] = -\ 9878873/24, remop[1,1,1,1,1,1,4,1] = -7746961/24, 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= 393364250/91, remop[2,1,2,2,1,1,1,1,1] = 56255484/13, remop[2,1,3,1,1,1,1,1,1] = 1612519023/364, remop[2,2,1,1,1,1,2] = 33596641577/5460, remop[2,2,1,1,1,2,1] = 2142345144/455, remop[2,2,1,1,1,2,1,1] = 6165530552/1365, remop[2,2,1,1,2,1,1,1] = 405142016/91, remop[2,2,1,2,1,1,1,1] = 6044449592/1365, remop[2,2,1,2,1,1,1,1,1] = 287793072/65, remop[2,2,2,1,1,1,1,1,1] = 6079704812/1365, remop[2,3,1,1,1,1,1,1] = 25303842287/5460, remop[3,1,1,1,1,1,1,2] = 10474538813/1365, remop[3,1,1,1,1,1,2,1] = 2668828829/455, remop[3,1,1,1,1,2,1,1] = 7680817507/1365, remop[3,1,1,1,2,1,1,1] = 504760080/91, remop[3,1,1,2,1,1,1,1] = 7531913752/1365, remop[3,1,1,2,1,1,1,1,1] = 358690002/65, remop[3,1,2,1,1,1,1,1,1] = 7575772567/1365, remop[3,2,1,1,1,1,1,1,1] = 514041352/91, remop[4,1,1,1,1,1,1,1,1] = 9144479707/1365, remop[1,1,1,1,1,1,1,1,3] = -5018160103/1092, remop[1,1,1,1,1,1,1,2,2] = -21494786357/5460, remop[1,1,1,1,1,1,1,3,1] = -16726666043/5460, remop[1,1,1,1,1,1,2,1,2] = -5224051844/1365, remop[1,1,1,1,1,1,2,2,1] = -266506883/91, remop[1,1,1,1,1,1,3,1,1] = -260296770/91, remop[1,1,1,1,1,2,1,1,2] = -20683045427/5460, remop[1,1,1,1,1,2,1,2,1] = -1319615509/455, remop[1,1,1,1,2,2,1,1] = -3804128327/1365, remop[1,1,1,1,1,3,1,1,1] = -15224682469/5460, remop[1,1,1,1,1,2,1,1,2] = -3435122317/910, remop[1,1,1,1,1,2,1,2,1] = -187967892/65, remop[1,1,1,1,1,2,1,2,1,1] = -180394677/65, remop[1,1,1,1,2,2,1,1,1] = -35609781/13, remop[1,1,1,1,3,1,1,1,1] = -359096949/130, remop[1,1,1,1,2,1,1,1,2] = -20628420857/5460, remop[1,1,1,2,1,1,1,2,1] = -1317398294/455, remop[1,1,1,2,1,2,1,1,1] = -3791801012/1365, remop[1,1,1,1,2,1,1,1,1] = -249214699/91, remop[1,1,1,2,2,1,1,1,1] = -3721816097/1365, remop[1,1,1,1,1,1,1,1] = -5029768981/1820, remop[1,1,1,2,1,1,1,1,2] = -5186527357/1365, remop[1,1,1,2,1,1,1,2,1] = -265042420/91, remop[1,1,1,2,1,1,2,1,1] = -254258738/91, remop[1,1,1,2,1,2,1,1,1] = -250589072/91, remop[1,1,1,2,1,2,1,1,1,1] = -249214699/91, remop[1,1,1,2,2,1,1,1,1,1] = -35609781/13, remop[1,1,1,3,1,1,1,1,1,1] = -254165645/91, remop[1,1,2,1,1,1,1,1,2] = -21050912927/5460, remop[1,1,2,1,1,1,1,2,1] = -1344835704/455, remop[1,1,2,1,1,1,2,1,1] = -3870179312/1365, remop[1,1,2,1,1,2,1,1,1] = -254258738/91, remop[1,1,2,1,2,1,1,1,1] = -3791801012/1365, remop[1,1,2,1,2,1,1,1,1,1] = -180394677/65, remop[1,1,2,2,1,1,1,1,1,1] = -3804128327/1365, remop[1,1,3,1,1,1,1,1,1,1] = -15677422757/5460, remop[1,2,1,1,1,1,1,1,2] = -10972725331/2730, remop[1,2,1,1,1,1,1,2,1] = -1401967324/455, remop[1,2,1,1,1,1,2,1,1] = -1344835704/455, remop[1,2,1,1,1,2,1,1,1] = -265042420/91, remop[1,2,1,1,2,1,1,1,1] = -1317398294/455, remop[1,2,1,1,2,1,1,1,1,1] = -187967892/65, remop[1,2,1,2,1,1,1,1,1,1] = -1319615509/455, remop[1,2,2,1,1,1,1,1,1,1] = -266506883/91, remop[1,3,1,1,1,1,1,1,1,1] = -2815812423/910, remop[2,1,1,1,1,1,1,1,2] = -31044091577/5460, remop[2,1,1,1,1,1,2,1] = -1981794754/455, remop[2,1,1,1,1,2,1,1] = -5703098582/1365, remop[2,1,1,1,1,2,1,1,1] = -374675580/91, remop[2,1,1,1,2,1,1,1,1] = -5587453052/1365, remop[2,1,1,2,1,1,1,1,1,1] = -265772502/65, remop[2,1,1,2,1,1,1,1,1,1,1] = -5598053642/1365, remop[2,1,2,1,1,1,1,1,1,1] = -376634537/91, remop[2,2,1,1,1,1,1,1,1,1] = -5790666062/1365, remop[3,1,1,1,1,1,1,1,1,1] = -28837250893/5460, remop[1,1,1,1,1,1,1,1,1,2] = 19774637927/5460, remop[1,1,1,1,1,1,1,1,2,1] = 1264560509/455, remop[1,1,1,1,1,1,1,2,1,1] = 3638963327/1365, remop[1,1,1,1,1,1,1,2,1,1,1] = 239025520/91, remop[1,1,1,1,1,1,2,1,1,1,1] = 3563302742/1365, remop[1,1,1,1,2,1,1,1,1,1] = 169384392/65, remop[1,1,1,2,1,1,1,1,1,1,1] = 3563302742/1365, remop[1,1,2,1,1,1,1,1,1,1,1] = 239025520/91, remop[1,1,2,1,1,1,1,1,1,1,1] = 3638963327/1365, remop[1,2,1,1,1,1,1,1,1,1,1] = 1264560509/455, remop[2,1,1,1,1,1,1,1,1,1,1] = 10721257909/2730, remop[1,1,1,1,1,1,1,1,1,1,1,1] = -13695779093/5460 : ###

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