```
####################################################################################
####################################################################################
### File "d4_diripilev_to_ripilev_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':  [a[1]=0, seq(a[r]= +2^(1-r)/(r-1)/(1+r)*(1+(-1)^r)/2,r=2..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(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:
####################################################################################

seremopev2:= [remopev[2] = 1/3, remopev[1,1] = -1/6] : ##

seremopev4:= [remopev[4] = 13/15, remopev[1,3] = -2/5, remopev[2,2] = -1/10, remopev[3,1] = -7/15,
remopev[1,1,2] = 1/10,  remopev[1,2,1] = 3/10, remopev[2,1,1] = 2/15, remopev[1,1,1,1] = -2/15] : ##

seremopev6:=
[remopev[6] = 251/42, remopev[1,5] = -55/21, remopev[2,4] = -16/21, remopev[3,3] = -251/84, remopev[4,2] = -37/42,
remopev[5,1] = -47/14, remopev[1,1,4] = 16/21, remopev[1,2,3] = 167/84, remopev[1,3,2] = 53/84,
remopev[1,4,1] = 13/7, remopev[2,1,3] = 83/84, remopev[2,2,2] = 8/21, remopev[2,3,1] = 65/84,
remopev[3,1,2] = 37/42, remopev[3,2,1] = 33/14, remopev[4,1,1] = 25/21, remopev[1,1,1,3] = -83/84,
remopev[1,1,2,2] = -8/21, remopev[1,1,3,1] = -65/84, remopev[1,2,1,2] = -53/84, remopev[1,2,2,1] = -45/28,
remopev[1,3,1,1] = -6/7, remopev[2,1,1,2] = -8/21, remopev[2,1,2,1] = -6/7, remopev[2,2,1,1] = -11/21,
remopev[3,1,1,1] = -25/21, remopev[1,1,1,1,2] = 8/21, remopev[1,1,1,2,1] = 6/7, remopev[1,1,2,1,1] = 11/21,
remopev[1,2,1,1,1] = 6/7, remopev[2,1,1,1,1] = 11/21, remopev[1,1,1,1,1,1] = -11/21] : ##

seremopev8:=
[remopev[8] = 3551/45, remopev[1,7] = -1498/45, remopev[2,6] = -152/15, remopev[3,5] = -338/9, remopev[4,4] = -79/6,
remopev[5,3] = -1861/45, remopev[6,2] = -13, remopev[7,1] = -2053/45, remopev[1,1,6] = 152/15, remopev[1,2,5] = 76/3,
remopev[1,3,4] = 173/18, remopev[1,4,3] = 2131/90, remopev[1,5,2] = 358/45, remopev[1,6,1] = 1042/45,
remopev[2,1,5] = 118/9, remopev[2,2,4] = 109/18, remopev[2,3,3] = 32/3, remopev[2,4,2] = 367/90, remopev[2,5,1] = 416/45,
remopev[3,1,4] = 79/6, remopev[3,2,3] = 1357/45, remopev[3,3,2] = 51/5, remopev[3,4,1] = 503/18, remopev[4,1,3] = 769/45,
remopev[4,2,2] = 104/15, remopev[4,3,1] = 619/45, remopev[5,1,2] = 13, remopev[5,2,1] = 167/5, remopev[6,1,1] = 266/15,
remopev[1,1,1,5] = -118/9, remopev[1,1,2,4] = -109/18, remopev[1,1,3,3] = -32/3, remopev[1,1,4,2] = -367/90,
remopev[1,1,5,1] = -416/45, remopev[1,2,1,4] = -173/18, remopev[1,2,2,3] = -1879/90, remopev[1,2,3,2] = -653/90,
remopev[1,2,4,1] = -347/18, remopev[1,3,1,3] = -1123/90, remopev[1,3,2,2] = -232/45,
remopev[1,3,3,1] = -913/90, remopev[1,4,1,2] = -358/45, remopev[1,4,2,1] = -98/5, remopev[1,5,1,1] = -164/15,
remopev[2,1,1,4] = -109/18, remopev[2,1,2,3] = -58/5, remopev[2,1,3,2] = -194/45, remopev[2,1,4,1] = -191/18,
remopev[2,2,1,3] = -118/15, remopev[2,2,2,2] = -152/45, remopev[2,2,3,1] = -98/15, remopev[2,3,1,2] = -367/90,
remopev[2,3,2,1] = -93/10, remopev[2,4,1,1] = -256/45, remopev[3,1,1,3] = -769/45, remopev[3,1,2,2] = -104/15,
remopev[3,1,3,1] = -619/45, remopev[3,2,1,2] = -51/5, remopev[3,2,2,1] = -25, remopev[3,3,1,1] = -14,
remopev[4,1,1,2] = -104/15, remopev[4,2,1,1] = -76/5, remopev[4,2,1,1] = -434/45, remopev[5,1,1,1] = -266/15,
remopev[1,1,1,1,4] = 109/18, remopev[1,1,1,2,3] = 58/5, remopev[1,1,1,3,2] = 194/45,
remopev[1,1,1,4,1] = 191/18, remopev[1,1,2,1,3] = 118/15, remopev[1,1,2,2,2] = 152/45, remopev[1,1,2,3,1] =98/15,
remopev[1,1,3,1,2] = 367/90, remopev[1,1,3,2,1] = 93/10, remopev[1,1,4,1,1] = 256/45, remopev[1,2,1,1,3] = 1123/90,
remopev[1,2,1,2,2] = 232/45, remopev[1,2,1,3,1] = 913/90, remopev[1,2,2,1,2] = 653/90, remopev[1,2,2,2,1] = 35/2,
remopev[1,2,3,1,1] = 10, remopev[1,3,1,1,2] = 232/45, remopev[1,3,1,2,1] = 56/5, remopev[1,3,2,1,1] = 36/5,
remopev[1,4,1,1,1] = 164/15, remopev[2,1,1,1,3] = 118/15, remopev[2,1,1,2,2] = 152/45, remopev[2,1,1,3,1] = 98/15,
remopev[2,1,2,1,2] = 194/45, remopev[2,1,2,2,1] = 10, remopev[2,1,3,1,1] = 6, remopev[2,2,1,1,2] = 152/45,
remopev[2,2,1,2,1] = 36/5, remopev[2,2,2,1,1] = 214/45, remopev[2,3,1,1,1] = 256/45, remopev[3,1,1,1,2] = 104/15,
remopev[3,1,1,2,1] = 76/5, remopev[3,1,2,1,1] = 434/45, remopev[3,2,1,1,1] = 14, remopev[4,1,1,1,1] = 434/45,
remopev[1,1,1,1,1,3] = -118/15, remopev[1,1,1,1,2,2] = -152/45, remopev[1,1,1,1,3,1] = -98/15,
remopev[1,1,1,2,1,2] = -194/45, remopev[1,1,1,2,2,1] = -10, remopev[1,1,1,3,1,1] = -6, remopev[1,1,2,1,1,2] = -152/45,
remopev[1,1,2,1,2,1] = -36/5, remopev[1,1,2,2,1,1] = -214/45, remopev[1,1,3,1,1,1] = -256/45,
```

remopev[1,2,1,1,1,2] = -232/45, remopev[1,2,1,1,2,1] = -56/5, remopev[1,2,1,2,1,1] = -36/5, remopev[1,2,2,1,1,1] = -10, remopev[1,3,1,1,1,1] = -36/5, remopev[2,1,1,1,1,2] = -152/45, remopev[2,1,1,1,2,1] = -36/5, remopev[2,1,1,2,1,1] = -214/45, remopev[2,1,2,1,1,1] = -6, remopev[2,2,1,1,1,1] = -214/45, remopev[3,1,1,1,1,1] = -434/45, remopev[1,1,1,1,1,2] = 152/45, remopev[1,1,1,1,2,1] = 36/5, remopev[1,1,1,2,1,1] = 214/45, remopev[1,1,2,1,1,1] = 6, remopev[1,2,1,1,1,1] = 214/45, remopev[1,2,1,1,1,1] = 36/5, remopev[2,1,1,1,1,1] = 214/45, remopev[1,1,1,1,1,1,1] = -214/45] : ##

seremopev10:=
[remopev[10] = 112085/66, remopev[1,9] = -7647/11, remopev[2,8] = -2368/11, remopev[3,7] = -25697/33, remopev[4,6] = -3184/11, remopev[5,5] = -112085/132, remopev[6,4] = -7065/22, remopev[7,3] = -60691/66, remopev[8,2] = -6585/22, remopev[9,1] = -\
66203/66, remopev[1,1,8] = 2368/11, remopev[1,2,7] = 17458/33, remopev[1,3,6] = 2348/11, remopev[1,4,5] = 65225/132, remopev[1,5,4] = 26539/132, remopev[1,6,3] = 5299/11, remopev[1,7,2] = 5483/33, remopev[1,8,1] = 5279/11, remopev[2,1,7] = 3073/11, remopev[2,2,6] = 1512/11, remopev[2,3,5] = 10155/44, remopev[2,4,4] = 1184/11, remopev[2,5,3] = 8997/44, remopev[2,6,2] = 856/11, remopev[2,7,1] = 6124/33, remopev[3,1,6] = 3184/11, remopev[3,2,5] = 83045/132, remopev[3,3,4] = 5657/22, remopev[3,4,3] = 38647/66, remopev[3,5,2] = 9001/44, remopev[3,6,1] = 18653/33, remopev[4,1,5] = 49165/132, remopev[4,2,4] = 12043/66, remopev[4,3,3] = 3429/11, remopev[4,4,2] = 8117/66, remopev[4,5,1] = 35903/132, remopev[5,1,4] = 7065/22, remopev[5,2,3] = 46171/66, remopev[5,3,2] = 5375/22, remopev[5,4,1] = 42773/66, remopev[6,1,3] = 27559/66, remopev[6,2,2] = 1912/11, remopev[6,3,1] = 7511/22, remopev[7,1,2] = 6585/22, remopev[7,2,1] = 16575/22, remopev[8,1,1] = 13571/33, remopev[1,1,7] = -3073/11, remopev[1,1,2,6] = -1512/11, remopev[1,1,3,5] = -10155/44, remopev[1,1,4,4] = -1184/11, remopev[1,1,5,3] = -8997/44, remopev[1,1,6,2] = -856/11, remopev[1,1,7,1] = -6124/33, remopev[1,2,1,6] = -2348/11, remopev[1,2,2,5] = -57965/132, remopev[1,2,3,4] = -24427/132, remopev[1,2,4,3] = -17951/44, remopev[1,2,5,2] = -19127/132, remopev[1,2,6,1] = -12922/33, remopev[1,3,1,5] = -36185/132, remopev[1,3,2,4] = -18091/132, remopev[1,3,3,3] = -2549/11, remopev[1,3,4,2] = -12197/132, remopev[1,3,5,1] = -8917/44, remopev[1,4,1,4] = -26539/132, remopev[1,4,2,3] = -4595/11, remopev[1,4,3,2] = -4955/33, remopev[1,4,4,1] = -51017/132, remopev[1,5,1,3] = -2879/11, remopev[1,5,2,2] = -3668/33, remopev[1,5,3,1] = -7147/33, remopev[1,6,1,2] = -\
5483/33, remopev[1,6,2,1] = -4443/11, remopev[1,7,1,1] = -7598/33, remopev[2,1,1,6] = -1512/11, remopev[2,1,2,5] = -32885/132, remopev[2,1,3,4] = -3728/33, remopev[2,1,4,3] = -7603/33, remopev[2,1,5,2] = -11251/132, remopev[2,1,6,1] = -2397/11, remopev[2,2,1,5] = -7735/44, remopev[2,2,2,4] = -1008/11, remopev[2,2,3,3] = -1669/11, remopev[2,2,4,2] = -680/11, remopev[2,2,5,1] = -17599/132, remopev[2,3,1,4] = -1184/11, remopev[2,3,2,3] = -9041/44, remopev[2,3,3,2] = -3435/44, remopev[2,3,4,1] = -2089/11, remopev[2,4,1,3] = -6181/44, remopev[2,4,2,2] = -680/11, remopev[2,4,3,1] = -15685/132, remopev[2,5,1,2] = -\
856/11, remopev[2,5,2,1] = -1968/11, remopev[2,6,1,1] = -3616/33, remopev[3,1,1,5] = -49165/132, remopev[3,1,2,4] = -12043/66, remopev[3,1,3,3] = -3429/11, remopev[3,1,4,2] = -8117/66, remopev[3,1,5,1] = -35903/132, remopev[3,2,1,4] = -5657/22, remopev[3,2,2,3] = -35149/66, remopev[3,2,3,2] = -4209/22, remopev[3,2,4,1] = -32477/66, remopev[3,3,1,3] = -22081/66, remopev[3,3,2,2] = -1560/11, remopev[3,3,3,1] = -6081/22, remopev[3,4,2,1] = -9001/44, remopev[3,4,2,1] = -21699/44, remopev[3,5,1,1] = -9358/33, remopev[4,1,1,4] = -12043/66, remopev[4,1,2,3] = -3715/11, remopev[4,1,3,2] = -4273/33, remopev[4,1,4,1] = -20465/66, remopev[4,2,1,3] = -2615/11, remopev[4,2,2,2] = -3448/33, remopev[4,2,3,1] = -6619/33, remopev[4,3,1,2] = -\
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713/11, remopev[1,1,2,1,4,1] = -1660/11, remopev[1,1,2,2,1,3] = -1317/11, remopev[1,1,2,2,2,2] = -592/11, remopev[1,1,2,2,3,1] = -3385/33, remopev[1,1,2,3,1,2] = -680/11, remopev[1,1,2,3,2,1] = -1506/11, remopev[1,1,2,4,1,1] = -967/11, remopev[1,1,3,1,1,3] = -6181/44, remopev[1,1,3,1,2,2] = -680/11, remopev[1,1,3,1,3,1] = -15685/132, remopev[1,1,3,2,1,2] = -3435/44, remopev[1,1,3,2,2,1] = -7905/44, remopev[1,1,3,3,1,1] = -1209/11, remopev[1,1,4,1,1,2] = -680/11, remopev[1,1,4,1,2,1] = -\
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remopev[1,2,1,2,2,2] = -2612/33, remopev[1,2,1,2,3,1] = -5002/33, remopev[1,2,1,3,1,2] = -12197/132, remopev[1,2,1,3,2,1] = -9093/44, remopev[1,2,1,4,1,1] = -4309/33, remopev[1,2,2,1,1,3] = -10603/44, remopev[1,2,2,1,2,2] = -3404/33, remopev[1,2,2,1,3,1] = -26443/132, remopev[1,2,2,2,1,2] = -18071/132, remopev[1,2,2,2,2,1] = -14175/44, remopev[1,2,2,3,1,1] = -2100/11, remopev[1,2,3,1,1,2] = -3404/33, remopev[1,2,3,1,2,1] = -2430/11, remopev[1,2,3,2,1,1] = -1605/11, remopev[1,2,4,1,1,1] = -\6652/33, remopev[1,3,1,1,1,3] = -1966/11, remopev[1,3,1,1,2,2] = -2612/33, remopev[1,3,1,1,3,1] = -5002/33, remopev[1,3,1,2,1,2] = -3206/33, remopev[1,3,1,2,2,1] = -2430/11, remopev[1,3,1,3,1,1] = -1506/11, remopev[1,3,2,1,1,2] = -2612/33, remopev[1,3,2,1,2,1] = -1836/11, remopev[1,3,2,2,1,1] = -1242/11, remopev[1,3,3,1,1,1] = -4309/33, remopev[1,4,1,1,1,2] = -3668/33, remopev[1,4,1,1,2,1] = -2628/11, remopev[1,4,1,2,1,1] = -1726/11, remopev[1,4,2,1,1,1] = -2298/11, remopev[1,5,1,1,1,1] = -\1726/11, 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remopev[2,3,1,1,1,2] = -680/11, remopev[2,3,1,1,2,1] = -1440/11, remopev[2,3,1,2,1,1] = -2912/33, remopev[2,3,2,1,1,1] = -1209/11, remopev[2,4,1,1,1,1] = -2912/33, remopev[3,1,1,1,1,3] = -2615/11, remopev[3,1,1,1,2,2] = -3448/33, remopev[3,1,1,1,3,1] = -6619/33, remopev[3,1,1,2,1,2] = -4273/33, remopev[3,1,1,2,2,1] = -3255/11, remopev[3,1,1,3,1,1] = -2001/11, remopev[3,1,2,1,1,2] = -3448/33, remopev[3,1,2,1,2,1] = -2430/11, remopev[3,1,2,2,1,1] = -4903/33, remopev[3,1,3,1,1,1] = -\5717/33, remopev[3,2,1,1,1,2] = -1560/11, remopev[3,2,1,1,2,1] = -3354/11, remopev[3,2,1,2,1,1] = -2199/11, remopev[3,2,2,1,1,1] = -2925/11, remopev[3,3,1,1,1,1] = -2199/11, remopev[4,1,1,1,1,2] = -3448/33, remopev[4,1,1,1,2,1] = -2430/11, remopev[4,1,1,2,1,1] = -4903/33, remopev[4,1,2,1,1,1] = -2001/11, remopev[4,2,1,1,1,1] = -4903/33, remopev[5,1,1,1,1,1] = -2683/11, remopev[1,1,1,1,1,4] = 1008/11, remopev[1,1,1,1,2,3] = 1801/11, remopev[1,1,1,1,3,2] = 713/11, remopev[1,1,1,1,4,1] = 1660/11, 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remopev[1,1,1,1,1,1,2,1,1] = 2549/33, remopev[1,1,1,1,1,2,1,1,1] = 1011/11, remopev[1,1,1,1,2,1,1,1,1] = 2549/33, remopev[1,1,1,2,1,1,1,1,1] = 1011/11, remopev[1,1,2,1,1,1,1,1,1] = 2549/33, remopev[1,2,1,1,1,1,1,1,1] = 1242/11, remopev[2,1,1,1,1,1,1,1,1] = 2549/33, remopev[1,1,1,1,1,1,1,1,1,1] = -2549/33] : ##

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[remopev[12] = 147636491/2730, remopev[1,11] = -29477437/1365, remopev[2,10] = -1837028/273, remopev[3,9] = -2189995/91, remopev[4,8] = -835584/91, remopev[5,7] = -5086379/195, remopev[6,6] = -2740241/260, remopev[7,5] = -15285437/546, remopev[8,4] = -287149/26, remopev[9,3] = -81936641/2730, remopev[10,2] = -27268861/2730, remopev[11,1] = -29560539/910, remopev[1,1,10] = 1837028/273, remopev[1,2,9] = 1494118/91, remopev[1,3,8] = 620096/91, remopev[1,4,7] = 995882/65, remopev[1,5,6] = 1738513/260, remopev[1,6,5] = 16280195/1092, remopev[1,7,4] = 1712783/273, remopev[1,8,3] = 20175997/1365, remopev[1,9,2] = 1009381/195, remopev[1,10,1] = 6764099/455, remopev[2,1,9] = 798241/91, remopev[2,2,8] = 404608/91, remopev[2,3,7] = 474816/65, remopev[2,4,6] = 190829/52, remopev[2,5,5] = 1783664/273, remopev[2,6,4] = 3340703/1092, remopev[2,7,3] = 8210992/1365, remopev[2,8,2] = 623204/273, remopev[2,9,1] = 1529936/273, remopev[3,1,8] = 835584/91, remopev[3,2,7] = 760219/39, remopev[3,3,6] = 2218577/260, remopev[3,4,5] = 472371/26, remopev[3,5,4] = 4226899/546, remopev[3,6,3] = 31921509/1820, remopev[3,7,2] = 8491507/1365, remopev[3,8,1] = 1569899/91, remopev[4,1,7] = 767199/65, remopev[4,2,6] = 1609969/260, remopev[4,3,5] = 5481929/546, remopev[4,4,4] = 1326592/273, remopev[4,5,3] = 233201/26, remopev[4,6,2] = 6354809/1820, remopev[4,7,1] = 11113712/1365, remopev[5,1,6] = 2740241/260, remopev[5,2,5] = 11824837/546, remopev[5,3,4] = 5023409/546, remopev[5,4,3] = 55108411/2730, remopev[5,5,2] = 6558997/910, remopev[5,6,1] = 15129977/780, remopev[6,1,5] = 7388977/546, remopev[6,2,4] = 3732977/546, remopev[6,3,3] = 15706727/1365, remopev[6,4,2] = 4206361/910, remopev[6,5,1] = 9184781/910, remopev[7,1,4] = 287149/26, remopev[7,2,3] = 12788533/546, remopev[7,3,2] = 22770367/2730, remopev[7,4,1] = 11859871/546, remopev[8,1,3] = 39282029/2730, remopev[8,2,2] = 8302604/1365, remopev[8,3,1] = 32453263/2730, remopev[9,1,2] = 27268861/2730, remopev[9,2,1] = 22601769/910, remopev[10,1,1] = 18841471/1365, remopev[1,1,1,9] = -798241/91, remopev[1,1,2,8] = -404608/91, remopev[1,1,3

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2189399/455, remopev[3,1,2,3,1,2] = -3921656/1365, remopev[3,1,2,3,2,1] = -2878542/455, remopev[3,1,2,4,1,1] = -5623981/1365
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remopev[1,2,1,1,5,1,1] = 157999/39, remopev[1,2,1,2,1,1,4] = 294032/91, remopev[1,2,1,2,1,2,3] = 7734854/1365, remopev[1,2,1,2,1,3,2] = 3131594/1365, remopev[1,2,1,2,1,4,1] = 478120/91, remopev[1,2,1,2,2,1,3] = 1157782/273, remopev[1,2,1,2,2,2,2] = 2645108/1365, remopev[1,2,1,2,2,3,1] = 5028022/1365, remopev[1,2,1,2,3,1,2] = 2993456/1365, remopev[1,2,1,2,3,2,1] = 2193312/455, remopev[1,2,1,2,4,1,1] = 4304026/1365, remopev[1,2,1,3,1,1,3] = 250485/52, remopev[1,2,1,3,1,2,2] = 982756/455, remopev[1,2,1,3,1,3,1] = 22575263/5460, remopev[1,2,1,3,2,1,2] = 4844937/1820, remopev[1,2,1,3,2,2,1] = 2206215/364, remopev[1,2,1,3,3,1,1] = 344688/91, remopev[1,2,1,4,1,1,2] = 982756/455, remopev[1,2,1,4,1,2,1] = 2072334/455, remopev[1,2,1,4,2,1,1] = 4256407/1365, remopev[1,2,1,5,1,1,1] = 1707424/455, remopev[1,2,2,1,1,1,4] = 1503455/364, remopev[1,2,2,1,1,2,3] = 10086203/1365, remopev[1,2,2,1,1,3,2] = 4005467/1365, remopev[1,2,2,1,1,4,1] = 2486053/364, remopev[1,2,2,1,2,1,3] = 7383503/1365, 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= 5028022/1365, remopev[1,3,2,1,2,1,2] = 3131594/1365, remopev[1,3,2,1,2,2,1] = 466290/91, remopev[1,3,2,1,3,1,1] = 299214/91, remopev[1,3,2,2,1,1,2] = 2645108/1365, remopev[1,3,2,2,1,2,1] = 1844964/455, remopev[1,3,2,2,2,1,1] = 1279854/455, remopev[1,3,2,3,1,1,1] = 4304026/1365, remopev[1,3,3,1,1,1,2] = 982756/455, remopev[1,3,3,1,1,2,1] = 2072334/455, remopev[1,3,3,1,2,1,1] = 4256407/1365, remopev[1,3,3,2,1,1,1] = 344688/91, remopev[1,3,4,1,1,1,1] = 4256407/1365, remopev[1,4,1,1,1,1,3] = 7915034/1365, remopev[1,4,1,1,1,2,2] = 711604/273, remopev[1,4,1,1,1,3,1] = 6793786/1365, remopev[1,4,1,1,2,1,2] = 4296758/1365, remopev[1,4,1,1,2,2,1] = 646470/91, remopev[1,4,1,1,3,1,1] = 407322/91, remopev[1,4,1,2,1,1,2] = 711604/273, remopev[1,4,1,2,1,2,1] = 2493612/455, remopev[1,4,1,2,2,1,1] = 1708282/455, remopev[1,4,1,3,1,1,1] = 5841562/1365, remopev[1,4,2,1,1,1,2] = 890068/273, remopev[1,4,2,1,1,2,1] = 451836/65, remopev[1,4,2,1,2,1,1] = 302466/65, remopev[1,4,2,2,1,1,1] = 77310/13, 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167253/65, remopev[1,1,3,2,2,1,1,1] = -41430/13, remopev[1,1,3,3,1,1,1,1] = -167253/65, remopev[1,1,4,1,1,1,1,2] = -2065256/1365, remopev[1,1,4,1,1,1,2,1] = -1442016/455, remopev[1,1,4,1,1,2,1,1] = -3001088/1365, remopev[1,1,4,1,2,1,1,1] = -234240/91, remopev[1,1,4,2,1,1,1,1] = -3001088/1365, remopev[1,1,5,1,1,1,1,1] = -3504448/1365, remopev[1,2,1,1,1,1,1,4] = -294032/91, remopev[1,2,1,1,1,1,2,3] = -7734854/1365, remopev[1,2,1,1,1,1,3,2] = -3131594/1365, remopev[1,2,1,1,1,1,4,1] = -478120/91, remopev[1,2,1,1,1,2,1,3] = -1157782/273, remopev[1,2,1,1,1,2,2,2] = -2645108/1365, remopev[1,2,1,1,1,2,3,1] = -5028022/1365, remopev[1,2,1,1,1,3,1,2] = -2993456/1365, remopev[1,2,1,1,1,3,2,1] = -2193312/455, remopev[1,2,1,1,1,4,1,1] = -4304026/1365, remopev[1,2,1,1,2,1,1,3] = -1371424/273, remopev[1,2,1,1,2,1,2,2] = -3056948/1365, remopev[1,2,1,1,2,1,3,1] = -837796/195, remopev[1,2,1,1,2,2,1,2] = -3813704/1365, remopev[1,2,1,1,2,2,2,1] = -83160/13, remopev[1,2,1,1,2,3,1,1] = -51570/13, remopev[1,2,1,1,3,1,1,2] = -3056948/1365, remopev[1,2,1,1,3,1,2,1] = -307692/65, remopev[1,2,1,1,3,2,1,1] = -209802/65, remopev[1,2,1,1,4,1,1,1] = -157999/39, remopev[1,2,1,2,1,1,1,3] = -1157782/273, remopev[1,2,1,2,1,1,2,2] = -2645108/1365, remopev[1,2,1,2,1,1,3,1] = -5028022/1365, remopev[1,2,1,2,1,2,1,2] = -3131594/1365, remopev[1,2,1,2,1,2,2,1] = -466290/91, remopev[1,2,1,2,1,3,1,1] = -299214/91, remopev[1,2,1,2,2,1,1,2] = -2645108/1365, remopev[1,2,1,2,2,1,2,1] = -1844964/455, remopev[1,2,1,2,2,2,1,1] = -1279854/455, remopev[1,2,1,2,3,1,1,1] = -4304026/1365, remopev[1,2,1,3,1,1,1,2] = -982756/455, remopev[1,2,1,3,1,1,2,1] = -2072334/455, remopev[1,2,1,3,1,2,1,1] = -4256407/1365, remopev[1,2,1,3,2,1,1,1] = -344688/91, remopev[1,2,1,4,1,1,1,1] = -4256407/1365, remopev[1,2,2,1,1,1,1,3] = -7383503/1365, remopev[1,2,2,1,1,1,2,2] = -3329792/1365, remopev[1,2,2,1,1,1,3,1] = -1270469/273, remopev[1,2,2,1,1,2,1,2] = -4005467/1365, remopev[1,2,2,1,1,2,2,1] = -601425/91, remopev[1,2,2,1,1,3,1,1] = -380295/91, remopev[1,2,2,1,2,1,1,2] = -3329792/1365, remopev[1,2,2,1,2,1,2,1] = -466290/91, remopev[1,2,2,1,2,2,1,1] = -320235/91, remopev[1,2,2,1,3,1,1,1] = -5457178/1365, remopev[1,2,2,2,1,1,1,2] = -4101992/1365, remopev[1,2,2,2,1,1,2,1] = -83160/13, remopev[1,2,2,2,1,2,1,1] = -55860/13, remopev[1,2,2,2,2,1,1,1] = -70875/13, remopev[1,2,2,3,1,1,1,1] = -55860/13, remopev[1,2,3,1,1,1,1,2] = -3329792/1365, remopev[1,2,3,1,1,1,2,1] = -466290/91, remopev[1,2,3,1,1,2,1,1] = -320235/91, remopev[1,2,3,1,2,1,1,1] = -380295/91, remopev[1,2,3,2,1,1,1,1] = -320235/91, remopev[1,2,4,1,1,1,1,

1] = -1223396/273, remopev[1,3,1,1,1,1,3] = -1157782/273, remopev[1,3,1,1,1,2,2] = -2645108/1365, remopev[1,3,1,1,1,3,1] = -5028022/1365, remopev[1,3,1,1,2,1,2] = -3131594/1365, remopev[1,3,1,1,2,2,1] = -466290/91, remopev[1,3,1,1,3,1,1] = -299214/91, remopev[1,3,1,2,1,1,2] = -2645108/1365, remopev[1,3,1,2,1,2,1] = -1844964/455, remopev[1,3,1,2,2,1,1] = -1279854/455, remopev[1,3,1,3,1,1,1] = -4304026/1365, remopev[1,3,2,1,1,1,2] = -3056948/1365, remopev[1,3,2,1,1,2,1] = -307692/65, remopev[1,3,2,1,2,1,1] = -209802/65, remopev[1,3,2,2,1,1,1] = -51570/13, remopev[1,3,3,1,1,1,1] = -\
209802/65, remopev[1,3,2,1,1,1,2] = -2645108/1365, remopev[1,3,2,1,1,2,1] = -1844964/455, remopev[1,3,2,1,2,1,1] = -\
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798241/273, remopev[2,1,1,1,1,2,2,2] = -1837028/1365, remopev[2,1,1,1,1,2,3,1] = -3487847/1365, remopev[2,1,1,1,1,3,1,2] = -\
2065256/1365, remopev[2,1,1,1,1,3,2,1] = -1508082/455, remopev[2,1,1,1,1,4,1,1] = -2984071/1365, remopev[2,1,1,1,2,1,1,3] =
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455, remopev[2,1,1,1,3,1,2,1] = -209802/65, remopev[2,1,1,1,3,2,1,1] = -144087/65, remopev[2,1,1,1,4,1,1,1] = -35567/13,
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remopev[2,1,1,2,1,2,1,2] = -2158349/1365, remopev[2,1,1,2,1,2,2,1] = -320235/91, remopev[2,1,1,2,1,3,1,1] = -207213/91,
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remopev[2,1,1,3,1,1,1,2] = -2984071/1365, remopev[2,1,1,3,1,1,2,1] = -1417134/455, remopev[2,1,1,3,1,2,1,1] = -\
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remopev[2,1,2,1,2,1,1,2] = -2141332/1365, remopev[2,1,2,1,2,1,2,1] = -299214/91, remopev[2,1,2,1,2,2,1,1] = -207213/91,
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1,3] = -798241/273, remopev[2,2,1,1,1,1,2,2] = -1837028/1365, remopev[2,2,1,1,1,1,3,1] = -3487847/1365, remopev[2,2,1,1,1,2,
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= -2984071/1365, remopev[2,2,1,2,1,1,1,2] = -696236/455, remopev[2,2,1,2,1,1,2,1] = -209802/65, remopev[2,2,1,2,1,2,1,1] = -\
144087/65, remopev[2,2,1,2,2,1,1,1] = -34995/13, remopev[2,2,1,3,1,1,1,1] = -144087/65, remopev[2,2,2,1,1,1,1,2] = -1837028/
1365, remopev[2,2,2,1,1,1,2,1] = -1279854/455, remopev[2,2,2,1,1,2,1,1] = -2679767/1365, remopev[2,2,2,1,2,1,1,1] = -207213/
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1365, remopev[3,1,1,1,1,1,1,3] = -1517323/273, remopev[3,1,1,1,1,1,2,2] = -3453188/1365, remopev[3,1,1,1,1,1,3,1] = -2189399
/455, remopev[3,1,1,1,1,2,1,2] = -4104839/1365, remopev[3,1,1,1,1,2,2,1] = -612345/91, remopev[3,1,1,1,1,3,1,1] = -391215/91
, remopev[3,1,1,1,2,1,1,2] = -3453188/1365, remopev[3,1,1,1,2,1,2,1] = -2410074/455, remopev[3,1,1,1,2,2,1,1] = -4999357/
1365, remopev[3,1,1,1,3,1,1,1] = -5623981/1365, remopev[3,1,1,2,1,1,1,2] = -4025188/1365, remopev[3,1,1,2,1,1,2,1] = -405582
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remopev[3,1,2,1,2,1,1,1] = -391215/91, remopev[3,1,2,2,1,1,1,1] = -4999357/1365, remopev[3,1,3,1,1,1,1,1] = -5581367/1365,
remopev[3,2,1,1,1,1,1,2] = -1506084/455, remopev[3,2,1,1,1,1,2,1] = -633366/91, remopev[3,2,1,1,2,1,1,1] = -433257/91,
remopev[3,2,1,1,2,1,1,1] = -517341/91, remopev[3,2,2,1,1,1,1,1] = -433257/91, remopev[3,2,2,1,1,1,1,1] = -76725/13, remopev[
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[1,1,1,1,1,4,1,1] = 2984071/1365, remopev[1,1,1,1,2,1,1,3] = 309600/91, remopev[1,1,1,1,2,1,2,2] = 696236/455, remopev
[1,1,1,1,2,1,3,1] = 190432/65, remopev[1,1,1,1,2,2,1,2] = 858398/455, remopev[1,1,1,1,2,2,2,1] = 55860/13, remopev[1,1
,1,1,2,3,1,1] = 34995/13, remopev[1,1,1,1,3,1,1,2] = 696236/455, remopev[1,1,1,1,3,1,2,1] = 209802/65, remopev[1,1,1,1
,1,3,2,1,1] = 144087/65, remopev[1,1,1,1,4,1,1,1] = 35567/13, remopev[1,1,1,2,1,1,1,3] = 798241/273, remopev[1,1,1,2,1
,1,2,2] = 1837028/1365, remopev[1,1,1,2,1,1,3,1] = 3487847/1365, remopev[1,1,1
,1,2,1,2,2,1] = 320235/91, remopev[1,1,1,2,1,3,1,1] = 207213/91, remopev[1,1,1,2,2,1,1,2] = 1837028/1365, remopev[1,1,1,1
,2,2,1,2,1] = 1279854/455, remopev[1,1,1,2,2,2,1,1] = 2679767/1365, remopev[1,1,1,2,3,1,1,1] = 2984071/1365, remopev[1,1
,1,1,3,1,1,2] = 673356/455, remopev[1,1,1,3,1,1,2,1] = 1417134/455, remopev[1,1,1,3,1,2,1,1] = 977149/455, remopev[1,1
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,1,2,1,1,1,2,2] = 2141332/1365, remopev[1,1,1,2,1,1,3,1] = 815287/273, remopev[1,1,1,2,1,1,2,1,2] = 2546737/1365, remopev[
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,2,2,2,1,1,1] = 43575/13, remopev[1,1,1,2,3,1,1,1,1] = 34995/13, remopev[1,1,1,3,1,1,1,1,2] = 2141332/1365, remopev[1,1,1,3,
1,1,1,2,1] = 299214/91, remopev[1,1,1,3,1,1,2,1,1] = 207213/91, remopev[1,1,1,3,1,2,1,1,1] = 243249/91, remopev[1,1,1,3,2,1,
1,1,1] = 207213/91, remopev[1,1,1,4,1,1,1,1,1] = 752198/273, remopev[1,1,2,1,1,1,1,1,3] = 798241/273, remopev[1,1,2,1,1,1,1,
2,2] = 1837028/1365, remopev[1,1,2,1,1,1,1,3,1] = 3487847/1365, remopev[1,1,2,1,1,1,2,1,2] = 2158349/1365, remopev[1,1,2,1,1
,1,2,2,1] = 320235/91, remopev[1,1,2,1,1,3,1,1] = 207213/91, remopev[1,1,2,1,2,1,1,1,2] = 1837028/1365, remopev[1,1,2,1,1,
2,1,2,1] = 1279854/455, remopev[1,1,2,1,1,2,2,1,1] = 2679767/1365, remopev[1,1,2,1,1,3,1,1,1] = 2984071/1365, remopev[1,1,2,
1,2,1,1,1,2] = 696236/455, remopev[1,1,2,1,2,1,2,1,1] = 209802/65, remopev[1,1,2,1,2,1,2,1,1] = 144087/65, remopev[1,1,2,1,2
,2,1,1,1] = 34995/13, remopev[1,1,2,1,2,3,1,1,1,1] = 144087/65, remopev[1,1,2,2,1,1,1,1,2] = 1837028/1365, remopev[1,1,2,2,1,1
,1,2,1] = 1279854/455, remopev[1,1,2,2,1,1,2,1,1] = 2679767/1365, remopev[1,1,2,2,1,2,1,1,1] = 207213/91, remopev[1,1,2,2,2,
1,1,1,1] = 2679767/1365, remopev[1,1,2,3,1,1,1,1,1] = 977149/455, remopev[1,1,3,1,1,1,1,1,2] = 2065256/1365, remopev[1,1,3,1
,1,1,1,2,1] = 1442016/455, remopev[1,1,3,1,1,1,2,1,1] = 234240/91, remopev[1,1,3,
1,2,1,1,1,1] = 3001088/1365, remopev[1,1,3,2,1,1,1,1,1] = 167253/65, remopev[1,1,4,1,1,1,1,1,1] = 3001088/1365, remopev[1,2,
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,2,1,1,1,2,1,1,2] = 2645108/1365, remopev[1,2,1,1,1,2,1,2,1] = 1844964/455, remopev[1,2,1,1,1,2,2,1,1] = 1279854/455, remopev[1,2,1,1,1,3,1,1,1] = 4304026/1365, remopev[1,2,1,1,2,1,1,1,2] = 3056948/1365, remopev[1,2,1,1,2,1,1,2,1] = 307692/65, remopev[1,2,1,1,2,1,2,1,1] = 209802/65, remopev[1,2,1,1,2,2,1,1,1] = 51570/13, remopev[1,2,1,1,3,1,1,1,1] = 209802/65, remopev[1,2,1,2,1,1,1,1,2] = 2645108/1365, remopev[1,2,1,2,1,1,1,2,1] = 1844964/455, remopev[1,2,1,2,1,1,2,1,1] = 1279854/455, remopev[1,2,1,2,1,2,1,1,1] = 299214/91, remopev[1,2,1,2,2,1,1,1,1] = 1279854/455, remopev[1,2,1,3,1,1,1,1,1] = 4256407/1365, remopev[1,2,2,1,1,1,1,1,2] = 3329792/1365, remopev[1,2,2,1,1,1,1,2,1] = 466290/91, remopev[1,2,2,1,1,1,2,1,1] = 320235/91, remopev[1,2,2,1,1,2,1,1,1] = 380295/91, remopev[1,2,2,1,2,1,1,1,1] = 320235/91, remopev[1,2,2,2,1,1,1,1,1] = 55860/13, remopev[1,2,3,1,1,1,1,1,1] = 320235/91, remopev[1,3,1,1,1,1,1,1,2] = 2645108/1365, remopev[1,3,1,1,1,1,1,2,1] = 1844964/455, remopev[1,3,1,1,1,1,2,1,1] = 1279854/455, remopev[1,3,1,1,1,2,1,1,1] = 299214/91, remopev[1,3,1,1,2,1,1,1,1] = 1279854/455, remopev[1,3,1,2,1,1,1,1,1] = 209802/65, remopev[1,3,2,1,1,1,1,1,1] = 1279854/455, remopev[1,4,1,1,1,1,1,1,1] = 1708282/455, remopev[2,1,1,1,1,1,1,1,3] = 798241/273, remopev[2,1,1,1,1,1,1,2,2] = 1837028/1365, remopev[2,1,1,1,1,1,1,3,1] = 3487847/1365, remopev[2,1,1,1,1,1,2,1,2] = 2158349/1365, remopev[2,1,1,1,1,1,2,2,1] = 320235/91, remopev[2,1,1,1,1,1,3,1,1] = 207213/91, remopev[2,1,1,1,1,2,1,1,2] = 1837028/1365, remopev[2,1,1,1,1,2,1,2,1] = 1279854/455, remopev[2,1,1,1,1,2,2,1,1] = 2679767/1365, remopev[2,1,1,1,1,3,1,1,1] = 2984071/1365, remopev[2,1,1,1,2,1,1,1,2] = 696236/455, remopev[2,1,1,1,2,1,1,2,1] = 209802/65, remopev[2,1,1,1,2,1,2,1,1] = 144087/65, remopev[2,1,1,1,2,2,1,1,1] = 34995/13, remopev[2,1,1,1,3,1,1,1,1] = 144087/65, remopev[2,1,1,2,1,1,1,1,2] = 1837028/1365, remopev[2,1,1,2,1,1,1,2,1] = 1279854/455, remopev[2,1,1,2,1,1,2,1,1] = 2679767/1365, 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= -977149/455, remopev[1,1,1,2,1,1,1,1,1,2] = -2141332/1365, remopev[1,1,1,2,1,1,1,1,2,1] = -299214/91, remopev[1,1,1,2,1,1,1,2,1,1] = -207213/91, remopev[1,1,1,2,1,1,2,1,1,1] = -243249/91, remopev[1,1,1,2,1,2,1,1,1,1] = -207213/91, remopev[1,1,1,2,2,1,1,1,1,1] = -34995/13, remopev[1,1,1,3,1,1,1,1,1,1] = -207213/91, remopev[1,1,2,1,1,1,1,1,1,2] = -1837028/1365, remopev[1,1,2,1,1,1,1,1,2,1] = -1279854/455, remopev[1,1,2,1,1,1,1,2,1,1] = -2679767/1365, remopev[1,1,2,1,1,1,2,1,1,1] = -207213/91, remopev[1,1,2,1,1,2,1,1,1,1] = -2679767/1365, remopev[1,1,2,1,2,1,1,1,1,1] = -144087/65, remopev[1,1,2,2,1,1,1,1,1,1] = -2679767/1365, remopev[1,1,3,1,1,1,1,1,1,1] = -3001088/1365, remopev[1,2,1,1,1,1,1,1,1,2] = -2645108/1365, remopev[1,2,1,1,1,1,1,1,2,1] = -1844964/455, remopev[1,2,1,1,1,1,1,2,1,1] = -1279854/455, remopev[1,2,1,1,1,1,2,1,1,1] = -299214/91, remopev[1,2,1,1,1,2,1,1,1,1] = -1279854/455, remopev[1,2,1,1,2,1,1,1,1,1] = -209802/65, remopev[1,2,1,2,1,1,1,1,1,1] = -1279854/455, remopev[1,2,2,1,1,1,1,1,1,1] = -320235/91, remopev[1,3,1,1,1,1,1,1,1,1] = -1279854/455, remopev[2,1,1,1,1,1,1,1,1,2] = -1837028/1365, remopev[2,1,1,1,1,1,1,1,2,1] = -1279854/455, remopev[2,1,1,1,1,1,1,2,1,1] = -2679767/1365, remopev[2,1,1,1,1,1,2,1,1,1] = -207213/91, remopev[2,1,1,1,1,2,1,1,1,1] = -2679767/1365, remopev[2,1,1,1,2,1,1,1,1,1] = -144087/65, remopev[2,1,1,2,1,1,1,1,1,1] = -2679767/1365, remopev[2,1,2,1,1,1,1,1,1,1] = -207213/91, remopev[2,2,1,1,1,1,1,1,1,1] = -2679767/1365, remopev[3,1,1,1,1,1,1,1,1,1] = -4999357/1365, remopev[1,1,1,1,1,1,1,1,1,1,2] = 1837028/1365, remopev[1,1,1,1,1,1,1,1,1,2,1] = 1279854/455, remopev[1,1,1,1,1,1,1,1,2,1,1] = 2679767/1365, remopev[1,1,1,1,1,1,1,2,1,1,1] = 207213/91, remopev[1,1,1,1,1,1,2,1,1,1,1] = 2679767/1365, remopev[1,1,1,1,1,2,1,1,1,1,1] = 144087/65, remopev[1,1,1,1,2,1,1,1,1,1,1] = 2679767/1365, remopev[1,1,1,2,1,1,1,1,1,1,1] = 207213/91, remopev[1,1,2,1,1,1,1,1,1,1,1] = 2679767/1365, remopev[1,2,1,1,1,1,1,1,1,1,1] = 1279854/455, remopev[2,1,1,1,1,1,1,1,1,1,1] = 2679767/1365, remopev[1,1,1,1,1,1,1,1,1,1,1,1] = -2679767/1365 : ###
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