

```
#####  
#####  
### File "d5_diripilev_to_ripilev_in_ne_basis";  
#####  
#####  
### restart;
```

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

```
heen:=proc(X): proc(p,q): if p=0 or p>op(-1,X) then 0 else (-1)^(1+nops(X)+summa(X)-p)*op(+1,X)*a[summa(X)-p] fi end: end:  
heen0:=proc(X): (-1)^(nops(X)+summa(X))*op(+1,X)*a[summa(X)] end:
```

```
## renepev:='repev': renepev[]:=1: a:='a': [a[1]=0, seq(a[r]= +2^(1-r)/(r-1)/(1+r)*(1+(-1)^r)/2,r=2..14)]; assign(%);
```

```
Nep:=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)*heen0(X)  
    +1/summa(X)*add(renepev[p]*heen(X)(p),p=1..op(X)-1)  
  elif nops(X)>1 then  
    +1/summa(X)*add( renepev[seq(op(k,X),k=1..i-1)]*heen0([seq(op(k,X),k=i..nops(X)])), i=1..nops(X))  
    +1/summa(X)*add(add(add( renepev[seq(op(k,X),k=1..i-1)],p,seq(op(k,X),k=j+1..nops(X)]))*heen([seq(op(k,X),k=i..j)])(p),  
    p=1.. min(op(j,X),add(op(k,X),k=i..j)-1)), i=1..j),j=1..nops(X))  
  fi end:
```

```
#####
```

```
serenopev2:= [renepev[2] = -1/3, renepev[1,1] = 1/6] : ##
```

```
serenopev4:= [renepev[4] = -13/15, renepev[1,3] = 7/15, renepev[2,2] = 23/30, renepev[3,1] = 2/5,  
renepev[1,1,2] = -7/15, renepev[1,2,1] = -3/10, renepev[2,1,1] = -13/30, renepev[1,1,1,1] = 3/10] : ##
```

```
serenopev6:=  
[renepev[6] = -251/42, renepev[1,5] = 47/14, renepev[2,4] = 73/14, renepev[3,3] = 251/84, renepev[4,2] = 107/21,  
renepev[5,1] = 55/21, renepev[1,1,4] = -47/14, renepev[1,2,3] = -33/14, renepev[1,3,2] = -87/28, renepev[1,4,1] = -13/7,  
renepev[2,1,3] = -45/14, renepev[2,2,2] = -33/7, renepev[2,3,1] = -221/84, renepev[3,1,2] = -251/84,  
renepev[3,2,1] = -167/84, renepev[4,1,1] = -41/14, renepev[1,1,1,3] = 33/14, renepev[1,1,2,2] = 87/28,  
renepev[1,1,3,1] = 13/7, renepev[1,2,1,2] = 33/14, renepev[1,2,2,1] = 45/28,  
renepev[1,3,1,1] = 163/84, renepev[2,1,1,2] = 45/14, renepev[2,1,2,1] = 179/84, renepev[2,2,1,1] = 235/84,  
renepev[3,1,1,1] = 167/84, renepev[1,1,1,1,2] = -33/14, renepev[1,1,1,2,1] = -45/28, renepev[1,1,2,1,1] = -163/84,  
renepev[1,2,1,1,1] = -45/28, renepev[2,1,1,1,1] = -179/84, renepev[1,1,1,1,1,1] = 45/28] : ##
```

```
serenopev8:=  
[renepev[8] = -3551/45, renepev[1,7] = 2053/45, renepev[2,6] = 619/9, renepev[3,5] = 1861/45, renepev[4,4] = 5917/90,  
renepev[5,3] = 338/9, renepev[6,2] = 2966/45, renepev[7,1] = 1498/45, renepev[1,1,6] = -2053/45, renepev[1,2,5] = -167/5,  
renepev[1,3,4] = -631/15, renepev[1,4,3] = -503/18, renepev[1,5,2] = -1826/45, renepev[1,6,1] = -1042/45, renepev[2,1,5] = -133/3,  
renepev[2,2,4] = -185/3, renepev[2,3,3] = -1714/45, renepev[2,4,2] = -5387/90, renepev[2,5,1] = -162/5, renepev[3,1,4] = -1861/45,  
renepev[3,2,3] = -1357/45, renepev[3,3,2] = -347/9, renepev[3,4,1] = -2131/90, renepev[4,1,3] = -3733/90,  
renepev[4,2,2] = -5371/90, renepev[4,3,1] = -3049/90, renepev[5,1,2] = -338/9, renepev[5,2,1] = -76/3, renepev[6,1,1] = -1711/45,  
renepev[1,1,1,5] = 167/5, renepev[1,1,2,4] = 631/15, renepev[1,1,3,3] = 503/18, renepev[1,1,4,2] = 1826/45, renepev[1,1,5,1] = 1042/45,  
renepev[1,2,1,4] = 167/5, renepev[1,2,2,3] = 25, renepev[1,2,3,2] = 313/10, renepev[1,2,4,1] = 98/5,  
renepev[1,3,1,3] = 29, renepev[1,3,2,2] = 194/5, renepev[1,3,3,1] = 2089/90, renepev[1,4,1,2] = 503/18, renepev[1,4,2,1] = 347/18,  
renepev[1,5,1,1] = 1121/45, renepev[2,1,1,4] = 133/3, renepev[2,1,2,3] = 161/5, renepev[2,1,3,2] = 413/10, renepev[2,1,4,1] = 1138/45,  
renepev[2,2,1,3] = 201/5, renepev[2,2,2,2] = 563/10, renepev[2,2,3,1] = 1463/45, renepev[2,3,1,2] = 1714/45,  
renepev[2,3,2,1] = 2323/90, renepev[2,4,1,1] = 3197/90, renepev[3,1,1,3] = 1357/45, renepev[3,1,2,2] = 347/9, renepev[3,1,3,1] = 2131/90,  
renepev[3,2,1,2] = 1357/45, renepev[3,2,2,1] = 1879/90, renepev[3,3,1,1] = 443/18, renepev[4,1,1,2] = 3733/90,  
renepev[4,1,2,1] = 2503/90, renepev[4,2,1,1] = 359/10, renepev[5,1,1,1] = 76/3, renepev[1,1,1,1,4] = -167/5, renepev[1,1,1,2,3] = -25,  
renepev[1,1,1,3,2] = -313/10, renepev[1,1,1,4,1] = -98/5, renepev[1,1,2,1,3] = -29, renepev[1,1,2,2,2] = -194/5,  
renepev[1,1,2,3,1] = -2089/90, renepev[1,1,3,1,2] = -503/18, renepev[1,1,3,2,1] = -347/18, renepev[1,1,4,1,1] = -1121/45,  
renepev[1,2,1,1,3] = -25, renepev[1,2,1,2,2] = -313/10, renepev[1,2,1,3,1] = -98/5, renepev[1,2,2,1,2] = -25, renepev[1,2,2,2,1] = -35/2,  
renepev[1,2,3,1,1] = -203/10, renepev[1,3,1,1,2] = -29, renepev[1,3,1,2,1] = -359/18, renepev[1,3,2,1,1] = -243/10,  
renepev[1,4,1,1,1] = -347/18, renepev[2,1,1,1,3] = -161/5, renepev[2,1,1,2,2] = -413/10, renepev[2,1,1,3,1] = -1138/45,  
renepev[2,1,2,1,2] = -161/5, renepev[2,1,2,2,1] = -2003/90, renepev[2,1,3,1,1] = -263/10, renepev[2,2,1,1,2] = -201/5,  
renepev[2,2,1,2,1] = -2443/90, renepev[2,2,2,1,1] = -343/10, renepev[2,3,1,1,1] = -2323/90, renepev[3,1,1,1,2] = -1357/45,  
renepev[3,1,1,2,1] = -1879/90, renepev[3,1,2,1,1] = -443/18, renepev[3,2,1,1,1] = -1879/90, renepev[4,1,1,1,1] = -2503/90,  
renepev[1,1,1,1,1,3] = 25, renepev[1,1,1,1,2,2] = 313/10, renepev[1,1,1,1,3,1] = 98/5, renepev[1,1,1,2,1,2] = 25,  
renepev[1,1,1,2,2,1] = 35/2, renepev[1,1,1,3,1,1] = 203/10, renepev[1,1,2,1,1,2] = 29, renepev[1,1,2,1,2,1] = 359/18,  
renepev[1,1,2,2,1,1] = 243/10, renepev[1,1,3,1,1,1] = 347/18, renepev[1,2,1,1,1,2] = 25, renepev[1,2,1,1,2,1] = 35/2,  
renepev[1,2,1,2,1,1] = 203/10, renepev[1,2,2,1,1,1] = 35/2, renepev[1,3,1,1,1,1] = 359/18, renepev[2,1,1,1,1,2] = 161/5,
```

renoepv[2,1,1,1,2,1] = 2003/90, renoepv[2,1,1,2,1,1] = 263/10, renoepv[2,1,2,1,1,1] = 2003/90, renoepv[2,2,1,1,1,1] = 2443/90,  
renoepv[3,1,1,1,1,1] = 1879/90, renoepv[1,1,1,1,1,2] = -25, renoepv[1,1,1,1,2,1] = -35/2, renoepv[1,1,1,1,2,1,1] = -203/10,  
renoepv[1,1,1,2,1,1,1] = -35/2, renoepv[1,1,2,1,1,1,1] = -359/18, renoepv[1,2,1,1,1,1,1] = -35/2, renoepv[2,1,1,1,1,1,1] = -2003/90,  
renoepv[1,1,1,1,1,1,1] = 35/2 : ##

serenopev10:=

[renoepv[10] = -112085/66, renoepv[1,9] = 66203/66, renoepv[2,8] = 97877/66, renoepv[3,7] = 60691/66, renoepv[4,6] = 92981/66, renoepv[5,5] = 112085/132, renoepv[6,4] = 45445/33, renoepv[7,3] = 25697/33, renoepv[8,2] = 46165/33, renoepv[9,1] = 7647/11, renoepv[1,1,8] = -66203/66, renoepv[1,2,7] = -16575/22, renoepv[1,3,6] = -61187/66, renoepv[1,4,5] = -42773/66, renoepv[1,5,4] = -116555/132, renoepv[1,6,3] = -18653/33, renoepv[1,7,2] = -9569/11, renoepv[1,8,1] = -5279/11, renoepv[2,1,7] = -64921/66, renoepv[2,2,6] = -87845/66, renoepv[2,3,5] = -57067/66, renoepv[2,4,4] = -41893/33, renoepv[2,5,3] = -101363/132, renoepv[2,6,2] = -41629/33, renoepv[2,7,1] = -21961/33, renoepv[3,1,6] = -60691/66, renoepv[3,2,5] = -46171/66, renoepv[3,3,4] = -56467/66, renoepv[3,4,3] = -38647/66, renoepv[3,5,2] = -108875/132, renoepv[3,6,1] = -5299/11, renoepv[4,1,5] = -20507/22, renoepv[4,2,4] = -27943/22, renoepv[4,3,3] = -26432/33, renoepv[4,4,2] = -81343/66, renoepv[4,5,1] = -89459/132, renoepv[5,1,4] = -112085/132, renoepv[5,2,3] = -83045/132, renoepv[5,3,2] = -104825/132, renoepv[5,4,1] = -65225/132, renoepv[6,1,3] = -28879/33, renoepv[6,2,2] = -82607/66, renoepv[6,3,1] = -7870/11, renoepv[7,1,2] = -25697/33, renoepv[7,2,1] = -17458/33, renoepv[8,1,1] = -53269/66, renoepv[1,1,1,7] = 16575/22, renoepv[1,1,2,6] = 61187/66, renoepv[1,1,3,5] = 42773/66, renoepv[1,1,4,4] = 116555/132, renoepv[1,1,5,3] = 18653/33, renoepv[1,1,6,2] = 9569/11, renoepv[1,1,7,1] = 5279/11, renoepv[1,2,1,6] = 16575/22, renoepv[1,2,2,5] = 12945/22, renoepv[1,2,3,4] = 15519/22, renoepv[1,2,4,3] = 21699/44, renoepv[1,2,5,2] = 7479/11, renoepv[1,2,6,1] = 4443/11, renoepv[1,3,1,5] = 14749/22, renoepv[1,3,2,4] = 18753/22, renoepv[1,3,3,3] = 18785/33, renoepv[1,3,4,2] = 108833/132, renoepv[1,3,5,1] = 15617/33, renoepv[1,4,1,4] = 42773/66, renoepv[1,4,2,3] = 32477/66, renoepv[1,4,3,2] = 40199/66, renoepv[1,4,4,1] = 51017/132, renoepv[1,5,1,3] = 79331/132, renoepv[1,5,2,2] = 107249/132, renoepv[1,5,3,1] = 21325/44, renoepv[1,6,1,2] = 18653/33, renoepv[1,6,2,1] = 12922/33, renoepv[1,7,1,1] = 34831/66, renoepv[2,1,1,6] = 64921/66, renoepv[2,1,2,5] = 16397/22, renoepv[2,1,3,4] = 20115/22, renoepv[2,1,4,3] = 82333/132, renoepv[2,1,5,2] = 29089/33, renoepv[2,1,6,1] = 16945/33, renoepv[2,2,1,5] = 20005/22, renoepv[2,2,2,4] = 26583/22, renoepv[2,2,3,3] = 102419/132, renoepv[2,2,4,2] = 77263/66, renoepv[2,2,5,1] = 21521/33, renoepv[2,3,1,4] = 57067/66, renoepv[2,3,2,3] = 42481/66, renoepv[2,3,3,2] = 106841/132, renoepv[2,3,4,1] = 11117/22, renoepv[2,4,1,3] = 27439/33, renoepv[2,4,2,2] = 76559/66, renoepv[2,4,3,1] = 29681/44, renoepv[2,5,1,2] = 101363/132, renoepv[2,5,2,1] = 69287/132, renoepv[2,6,1,1] = 49213/66, renoepv[3,1,1,5] = 46171/66, renoepv[3,1,2,4] = 56467/66, renoepv[3,1,3,3] = 38647/66, renoepv[3,1,4,2] = 25589/22, renoepv[3,1,5,1] = 5299/11, renoepv[3,2,1,4] = 46171/66, renoepv[3,2,2,3] = 35149/66, renoepv[3,2,3,2] = 86831/132, renoepv[3,2,4,1] = 4595/11, renoepv[3,3,1,3] = 39901/66, renoepv[3,3,2,2] = 104651/132, renoepv[3,3,3,1] = 5310/11, renoepv[3,4,1,2] = 38647/66, renoepv[3,4,2,1] = 17951/44, renoepv[3,5,1,1] = 67933/132, renoepv[4,1,1,4] = 20507/22, renoepv[4,1,2,3] = 15095/22, renoepv[4,1,3,2] = 9577/11, renoepv[4,1,4,1] = 71155/132, renoepv[4,2,1,3] = 18527/22, renoepv[4,2,2,2] = 25589/22, renoepv[4,2,3,1] = 29915/44, renoepv[4,3,1,2] = 26432/33, renoepv[4,3,2,1] = 24063/44, renoepv[4,4,1,1] = 32533/44, renoepv[5,1,1,3] = 83045/132, renoepv[5,1,2,2] = 104825/132, renoepv[5,1,3,1] = 65225/132, renoepv[5,2,1,2] = 83045/132, renoepv[5,2,2,1] = 57965/132, renoepv[5,3,1,1] = 67645/132, renoepv[6,1,1,2] = 28879/33, renoepv[6,1,2,1] = 12979/22, renoepv[6,2,1,1] = 49981/66, renoepv[7,1,1,1] = 17458/33, renoepv[1,1,1,1,6] = -16575/22, renoepv[1,1,1,2,5] = -12945/22, renoepv[1,1,1,3,4] = -15519/22, renoepv[1,1,1,4,3] = -21699/44, renoepv[1,1,1,5,2] = -7479/11, renoepv[1,1,1,6,1] = -4443/11, renoepv[1,1,2,1,5] = -14749/22, renoepv[1,1,2,2,4] = -18753/22, renoepv[1,1,2,3,3] = -18785/33, renoepv[1,1,2,4,2] = -108833/132, renoepv[1,1,2,5,1] = -15617/33, renoepv[1,1,3,1,4] = -42773/66, renoepv[1,1,3,2,3] = -32477/66, renoepv[1,1,3,3,2] = -40199/66, renoepv[1,1,3,4,1] = -51017/132, renoepv[1,1,4,1,3] = -79331/132, renoepv[1,1,4,2,2] = -107249/132, renoepv[1,1,4,3,1] = -21325/44, renoepv[1,1,5,1,2] = -18653/33, renoepv[1,1,5,2,1] = -12922/33, renoepv[1,1,6,1,1] = -34831/66, renoepv[1,2,1,1,5] = -12945/22, renoepv[1,2,1,2,4] = -15519/22, renoepv[1,2,1,3,3] = -21699/44, renoepv[1,2,1,4,2] = -7479/11, renoepv[1,2,1,5,1] = -4443/11, renoepv[1,2,2,1,4] = -12945/22, renoepv[1,2,2,2,3] = -9975/22, renoepv[1,2,2,3,2] = -24405/44, renoepv[1,2,2,4,1] = -3915/11, renoepv[1,2,3,1,3] = -11163/22, renoepv[1,2,3,2,2] = -7215/11, renoepv[1,2,3,3,1] = -17805/44, renoepv[1,2,4,1,2] = -21699/44, renoepv[1,2,4,2,1] = -15231/44, renoepv[1,2,5,1,1] = -9447/22, renoepv[1,3,1,1,4] = -14749/22, renoepv[1,3,1,2,3] = -11163/22, renoepv[1,3,1,3,2] = -27705/44, renoepv[1,3,1,4,1] = -13153/33, renoepv[1,3,2,1,3] = -13011/22, renoepv[1,3,2,2,2] = -34635/44, renoepv[1,3,2,3,1] = -10437/22, renoepv[1,3,3,1,2] = -18785/33, renoepv[1,3,3,2,1] = -17387/44, renoepv[1,3,4,1,1] = -67187/132, renoepv[1,4,1,1,3] = -32477/66, renoepv[1,4,1,2,2] = -40199/66, renoepv[1,4,1,3,1] = -51017/132, renoepv[1,4,2,1,2] = -32477/66, renoepv[1,4,2,2,1] = -45869/132, renoepv[1,4,3,1,1] = -52733/132, renoepv[1,5,1,1,2] = -79331/132, renoepv[1,5,2,1,1] = -18223/44, renoepv[1,5,2,1,1] = -22359/44, renoepv[1,6,1,1,1] = -12922/33, renoepv[2,1,1,1,5] = -16397/22, renoepv[2,1,1,2,4] = -20115/22, renoepv[2,1,1,3,3] = -82333/132, renoepv[2,1,1,4,2] = -29089/33, renoepv[2,1,1,5,1] = -16945/33, renoepv[2,1,2,1,4] = -16397/22, renoepv[2,1,2,2,3] = -12459/22, renoepv[2,1,2,3,2] = -30825/44, renoepv[2,1,2,4,1] = -14657/33, renoepv[2,1,3,1,3] = -14175/22, renoepv[2,1,3,2,2] = -9315/11, renoepv[2,1,3,3,1] = -22641/44, renoepv[2,1,4,1,2] = -82333/132, renoepv[2,1,4,2,1] = -19099/44, renoepv[2,1,5,1,1] = -36233/66, renoepv[2,2,1,1,4] = -20005/22, renoepv[2,2,1,2,3] = -14835/22, renoepv[2,2,1,3,2] = -37425/44, renoepv[2,2,1,4,1] = -17473/33, renoepv[2,2,2,1,3] = -17871/22, renoepv[2,2,2,2,2] = -24405/22, renoepv[2,2,2,3,1] = -28779/44, renoepv[2,2,3,1,2] = -102419/132, renoepv[2,2,3,2,1] = -23411/44, renoepv[2,2,4,1,1] = -23369/33, renoepv[2,3,1,1,3] = -42481/66, renoepv[2,3,1,2,2] = -106841/132, renoepv[2,3,1,3,1] = -11117/22, renoepv[2,3,2,1,2] = -42481/66, renoepv[2,3,2,2,1] = -19803/44, renoepv[2,3,3,1,1] = -69133/132, renoepv[2,4,1,1,2] = -27439/33, renoepv[2,4,1,2,1] = -24863/44, renoepv[2,4,2,1,1] = -31287/44, renoepv[2,5,1,1,1] = -69287/132, renoepv[3,1,1,1,4] = -46171/66, renoepv[3,1,1,2,3] = -35149/66, renoepv[3,1,1,3,2] = -86831/132, renoepv[3,1,1,4,1] = -4595/11, renoepv[3,1,2,1,3] = -39901/66, renoepv[3,1,2,2,2] = -104651/132, renoepv[3,1,2,3,1] = -5310/11, renoepv[3,1,3,1,2] = -38647/66, renoepv[3,1,3,2,1] = -17951/44, renoepv[3,1,4,1,1] = -67933/132, renoepv[3,2,1,1,3] = -35149/66, renoepv[3,2,1,2,2] = -86831/132, renoepv[3,2,1,3,1] = -4595/11, renoepv[3,2,2,1,2] = -35149/66, renoepv[3,2,2,2,1] = -16543/44, renoepv[3,2,3,1,1] = -56977/132, renoepv[3,3,1,1,2] = -39901/66, renoepv[3,3,1,2,1] = -18479/44, renoepv[3,3,2,1,1] = -66481/132, renoepv[3,4,1,1,1] = -17951/44, renoepv[4,1,1,1,3] = -15095/22, renoepv[4,1,1,2,2] = -9577/11, renoepv[4,1,1,3,1] = -71155/132, renoepv[4,1,2,1,2] = -15095/22, renoepv[4,1,2,2,1] = -63037/132, renoepv[4,1,3,1,1] = -73861/132, renoepv[4,2,1,1,2] = -18527/22, renoepv[4,2,1,2,1] = -25207/44, renoepv[4,2,2,1,1] = -94453/132, renoepv[4,3,1,1,1] = -24063/44, renoepv[5,1,1,1,2] = -83045/132, renoepv[5,1,1,2,1] = -57965/132, renoepv[5,1,2,1,1] = -67645/132, renoepv[5,2,1,1,1] = -57965/132, renoepv[6,1,1,1,1] = -12979/22, renoepv[1,1,1,1,1,5] = 12945/22, renoepv[1,1,1,1,2,4] = 15519/22, renoepv[1,1,1,1,3,3] = 21699/44, renoepv[1,1,1,1,4,2] = 7479/11, renoepv[1,1,1,1,5,1] = 4443/11, renoepv[1,1,1,2,1,4] = 12945/22, renoepv[1,1,1,2,2,3] = 9975/22, renoepv[1,1,1,2,3,2] = 24405/44, renoepv[1,1,1,2,4,1] = 3915/11, renoepv[1,1,1,3,1,3] = 11163/22, renoepv[1,1,1,3,2,2] = 7215/11, renoepv[1,1,1,3,3,1] = 17805/44, renoepv[1,1,1,4,1,2] = 21699/44, renoepv[1,1,1,4,2,1] = 15231/44, renoepv[1,1,1,5,1,1] = 9447/22, renoepv[1,1,2,1,1,4] = 14749/22, renoepv[1,1,2,1,2,3] = 11163/22, renoepv[1,1,2,1,3,2] = 27705/44, renoepv[1,1,2,1,4,1] = 13153/33, renoepv[1,1,2,2,1,3] = 13011/22, renoepv[1,1,2,2,2,2] = 34635/44, renoepv[1,1,2,2,3,1] = 10437/22, renoepv[1,1,2,3,1,2] = 18785/33, renoepv[1,1,2,3,2,1] = 17387/44, renoepv[1,1,2,4,1,1] = 67187/132, renoepv[1,1,3,1,1,3] = 32477/66, renoepv[1,1,3,1,2,2] = 40199/66, renoepv[1,1,3,1,3,1] = 51017/132, renoepv[1,1,3,2,1,2] = 32477/66, renoepv[1,1,3,2,2,1] = 45869/132, renoepv[1,1,3,3,1,1] = 52733/132, renoepv[1,1,4,1,1,2] = 79331/132, renoepv[1,1,4,1,2,1] = 18223/44, renoepv[1,1,4,2,1,1] = 22359/44, renoepv[1,1,5,1,1,1] = 12922/33, renoepv[1,2,1,1,1,4] = 12945/22, renoepv[1,2,1,1,2,3] =



,3,3] = -136681547/5460, renopev[6,4,2] = -41685673/1092, renopev[6,5,1] = -115473373/5460, renopev[7,1,4] = -5086379/195, renopev[7,2,3] = -760219/39, renopev[7,3,2] = -4765058/195, renopev[7,4,1] = -995882/65, renopev[8,1,3] = -37415617/1365, renopev[8,2,2] = -106822193/2730, renopev[8,3,1] = -10209582/455, renopev[9,1,2] = -2189995/91, renopev[9,2,1] = -1494118/91, renopev[10,1,1] = -4624597/182, renopev[1,1,1,9] = 22601769/910, renopev[1,1,2,8] = 27405659/910, renopev[1,1,3,7] = 11859871/546, renopev[1,1,4,6] = 26054491/910, renopev[1,1,5,5] = 15129977/780, renopev[1,1,6,4] = 37829401/1365, renopev[1,1,7,3] = 1569899/91, renopev[1,1,8,2] = 7554409/273, renopev[1,1,9,1] = 6764099/455, renopev[1,2,1,8] = 22601769/910, renopev[1,2,2,7] = 3620655/182, renopev[1,2,3,6] = 21232401/910, renopev[1,2,4,5] = 2234157/130, renopev[1,2,5,4] = 40546743/1820, renopev[1,2,6,3] = 1356231/91, renopev[1,2,7,2] = 1988577/91, renopev[1,2,8,1] = 5686659/455, renopev[1,3,1,7] = 12244801/546, renopev[1,3,2,6] = 25275531/910, renopev[1,3,3,5] = 7631581/390, renopev[1,3,4,4] = 36213241/1365, renopev[1,3,5,3] = 6236371/364, renopev[1,3,6,2] = 7141633/273, renopev[1,3,7,1] = 19846397/1365, renopev[1,4,1,6] = 11859871/546, renopev[1,4,2,5] = 1343713/78, renopev[1,4,3,4] = 11146015/546, renopev[1,4,4,3] = 7913071/546, renopev[1,4,5,2] = 21495377/1092, renopev[1,4,6,1] = 1078291/91, renopev[1,5,1,5] = 2665913/130, renopev[1,5,2,4] = 23903771/910, renopev[1,5,3,3] = 7976986/455, renopev[1,5,4,2] = 4630261/182, renopev[1,5,5,1] = 26600031/1820, renopev[1,6,1,4] = 15129977/780, renopev[1,6,2,3] = 11553833/780, renopev[1,6,3,2] = 14235941/780, renopev[1,6,4,1] = 3029383/260, renopev[1,7,1,3] = 25499083/1365, renopev[1,7,2,2] = 69493643/2730, renopev[1,7,3,1] = 1377174/91, renopev[1,8,1,2] = 1569899/91, renopev[1,8,2,1] = 1089510/91, renopev[1,9,1,1] = 3028115/182, renopev[2,1,1,8] = 29171197/910, renopev[2,1,2,7] = 68020117/2730, renopev[2,1,3,6] = 27193221/910, renopev[2,1,4,5] = 58600421/2730, renopev[2,1,5,4] = 155579897/5460, renopev[2,1,6,3] = 8488579/455, renopev[2,1,7,2] = 7645583/273, renopev[2,1,8,1] = 3068191/195, renopev[2,2,1,7] = 81848477/2730, renopev[2,2,2,6] = 35279481/910, renopev[2,2,3,5] = 71607961/2730, renopev[2,2,4,4] = 202005367/5460, renopev[2,2,5,3] = 21034393/910, renopev[2,2,6,2] = 9997387/273, renopev[2,2,7,1] = 3864311/195, renopev[2,3,1,6] = 77999177/2730, renopev[2,3,2,5] = 60617527/2730, renopev[2,3,3,4] = 72942697/2730, renopev[2,3,4,3] = 33901991/1820, renopev[2,3,5,2] = 4688253/182, renopev[2,3,6,1] = 2978179/195, renopev[2,4,1,5] = 25354501/910, renopev[2,4,2,4] = 33496921/910, renopev[2,4,3,3] = 10860221/455, renopev[2,4,4,2] = 12988387/364, renopev[2,4,5,1] = 2605479/130, renopev[2,5,1,4] = 35337833/1365, renopev[2,5,2,3] = 5316217/273, renopev[2,5,3,2] = 33148646/1365, renopev[2,5,4,1] = 83555503/5460, renopev[2,6,1,3] = 140580367/5460, renopev[2,6,2,2] = 196346077/5460, renopev[2,6,3,1] = 38128369/1820, renopev[2,7,1,2] = 10625259/455, renopev[2,7,2,1] = 21883522/1365, renopev[2,8,1,1] = 4246357/182, renopev[3,1,1,7] = 12788533/546, renopev[3,1,2,6] = 76459169/2730, renopev[3,1,3,5] = 55108411/2730, renopev[3,1,4,4] = 10417213/390, renopev[3,1,5,3] = 31921509/1820, renopev[3,1,6,2] = 11941799/455, renopev[3,1,7,1] = 20175997/1365, renopev[3,2,1,6] = 12788533/546, renopev[3,2,2,5] = 10161623/546, renopev[3,2,3,4] = 1717763/78, renopev[3,2,4,3] = 28458049/1820, renopev[3,2,5,2] = 9659519/455, renopev[3,2,6,1] = 17437261/1365, renopev[3,3,1,5] = 56718019/2730, renopev[3,3,2,4] = 10102327/390, renopev[3,3,3,3] = 32113701/1820, renopev[3,3,4,2] = 11396254/455, renopev[3,3,5,1] = 19935757/1365, renopev[3,4,1,4] = 55108411/2730, renopev[3,4,2,3] = 8461925/546, renopev[3,4,3,2] = 103817429/5460, renopev[3,4,4,1] = 16628882/1365, renopev[3,5,1,3] = 7223737/390, renopev[3,5,2,2] = 4809422/195, renopev[3,5,3,1] = 3876189/260, renopev[3,6,1,2] = 31921509/1820, renopev[3,6,2,1] = 22277329/1820, renopev[3,7,1,1] = 44036389/2730, renopev[4,1,1,6] = 11940289/390, renopev[4,1,2,5] = 64234123/2730, renopev[4,1,3,4] = 77953543/2730, renopev[4,1,4,3] = 5386219/273, renopev[4,1,5,2] = 150325367/5460, renopev[4,1,6,1] = 7374487/455, renopev[4,2,1,5] = 15407783/546, renopev[4,2,2,4] = 20181695/546, renopev[4,2,3,3] = 21914353/910, renopev[4,2,4,2] = 65160159/1820, renopev[4,2,5,1] = 27536869/1365, renopev[4,3,1,4] = 73551431/2730, renopev[4,3,2,3] = 55239137/2730, renopev[4,3,3,2] = 27589343/1092, renopev[4,3,4,1] = 43394213/2730, renopev[4,4,1,3] = 11691124/455, renopev[4,4,2,2] = 64533247/1820, renopev[4,4,3,1] = 18942449/910, renopev[4,5,1,2] = 4341229/182, renopev[4,5,2,1] = 17906605/1092, renopev[4,6,1,1] = 41683979/1820, renopev[5,1,1,5] = 11824837/546, renopev[5,1,2,4] = 14278717/546, renopev[5,1,3,3] = 472371/26, renopev[5,1,4,2] = 4589021/182, renopev[5,1,5,1] = 16280195/1092, renopev[5,2,1,4] = 11824837/546, renopev[5,2,2,3] = 9086101/546, renopev[5,2,3,2] = 11140153/546, renopev[5,2,4,1] = 4755585/364, renopev[5,3,1,3] = 10218661/546, renopev[5,3,2,2] = 13263703/546, renopev[5,3,3,1] = 16311655/1092, renopev[5,4,1,2] = 472371/26, renopev[5,4,2,1] = 1966301/156, renopev[5,5,1,1] = 17334391/1092, renopev[6,1,1,4] = 52921107/1820, renopev[6,1,2,3] = 39219419/1820, renopev[6,1,3,2] = 9899137/364, renopev[6,1,4,1] = 30833951/1820, renopev[6,2,1,3] = 47833739/1820, renopev[6,2,2,2] = 13129507/364, renopev[6,2,3,1] = 115832303/5460, renopev[6,3,1,2] = 136681547/5460, renopev[6,3,2,1] = 93711347/5460, renopev[6,4,1,1] = 8381231/364, renopev[7,1,1,3] = 760219/39, renopev[7,1,2,2] = 4765058/195, renopev[7,1,3,1] = 995882/65, renopev[7,2,1,2] = 760219/39, renopev[7,2,2,1] = 17755/13, renopev[7,3,1,1] = 3094753/195, renopev[8,1,1,2] = 37415617/1365, renopev[8,1,2,1] = 16864613/910, renopev[8,2,1,1] = 64812043/2730, renopev[9,1,1,1] = 1494118/91, renopev[1,1,1,1,8] = -22601769/910, renopev[1,1,1,2,7] = -3620655/182, renopev[1,1,1,3,6] = -21232401/910, renopev[1,1,1,4,5] = -2234157/130, renopev[1,1,1,5,4] = -40546743/1820, renopev[1,1,1,6,3] = -1356231/91, renopev[1,1,1,7,2] = -1988577/91, renopev[1,1,1,8,1] = -5686659/455, renopev[1,1,2,1,7] = -12244801/546, renopev[1,1,2,2,6] = -25275531/910, renopev[1,1,2,3,5] = -7631581/390, renopev[1,1,2,4,4] = -36213241/1365, renopev[1,1,2,5,3] = -6236371/364, renopev[1,1,2,6,2] = -7141633/273, renopev[1,1,2,7,1] = -19846397/1365, renopev[1,1,3,1,6] = -11859871/546, renopev[1,1,3,2,5] = -1343713/78, renopev[1,1,3,3,4] = -11146015/546, renopev[1,1,3,4,3] = -7913071/546, renopev[1,1,3,5,2] = -21495377/1092, renopev[1,1,3,6,1] = -1078291/91, renopev[1,1,4,1,5] = -2665913/130, renopev[1,1,4,2,4] = -23903771/910, renopev[1,1,4,3,3] = -7976986/455, renopev[1,1,4,4,2] = -4630261/182, renopev[1,1,4,5,1] = -26600031/1820, renopev[1,1,5,1,4] = -15129977/780, renopev[1,1,5,2,3] = -11553833/780, renopev[1,1,5,3,2] = -14235941/780, renopev[1,1,5,4,1] = -3029383/260, renopev[1,1,6,1,3] = -25499083/1365, renopev[1,1,6,2,2] = -69493643/2730, renopev[1,1,6,3,1] = -1377174/91, renopev[1,1,7,1,2] = -1569899/91, renopev[1,1,7,2,1] = -1089510/91, renopev[1,1,8,1,1] = -3028115/182, renopev[1,2,1,1,7] = -3620655/182, renopev[1,2,1,2,6] = -21232401/910, renopev[1,2,1,3,5] = -2234157/130, renopev[1,2,1,4,4] = -40546743/1820, renopev[1,2,1,5,3] = -1356231/91, renopev[1,2,1,6,2] = -1988577/91, renopev[1,2,1,7,1] = -5686659/455, renopev[1,2,2,1,6] = -3620655/182, renopev[1,2,2,2,5] = -416115/26, renopev[1,2,2,3,4] = -3414735/182, renopev[1,2,2,4,3] = -4905405/364, renopev[1,2,2,5,2] = -1646235/91, renopev[1,2,2,6,1] = -1000395/91, renopev[1,2,3,1,5] = -2291643/130, renopev[1,2,3,2,4] = -19722321/910, renopev[1,2,3,3,3] = -6817191/455, renopev[1,2,3,4,2] = -7626981/364, renopev[1,2,3,5,1] = -5626599/455, renopev[1,2,4,1,4] = -2234157/130, renopev[1,2,4,2,3] = -1729653/130, renopev[1,2,4,3,2] = -2108031/130, renopev[1,2,4,4,1] = -2721543/260, renopev[1,2,5,1,3] = -28510719/1820, renopev[1,2,5,2,2] = -37537737/1820, renopev[1,2,5,3,1] = -4584591/364, renopev[1,2,6,1,2] = -1356231/91, renopev[1,2,6,2,1] = -951918/91, renopev[1,2,7,1,1] = -2468829/182, renopev[1,3,1,1,6] = -12244801/546, renopev[1,3,1,2,5] = -460991/26, renopev[1,3,1,3,4] = -3832971/182, renopev[1,3,1,4,3] = -16284691/1092, renopev[1,3,1,5,2] = -5544037/273, renopev[1,3,1,6,1] = -3330241/273, renopev[1,3,2,1,5] = -2633283/130, renopev[1,3,2,2,4] = -23284971/910, renopev[1,3,2,3,3] = -31406079/1820, renopev[1,3,2,4,2] = -4506501/182, renopev[1,3,2,5,1] = -14366981/780, renopev[1,3,3,1,4] = -4592077/390, renopev[1,3,3,2,3] = -5839219/390, renopev[1,3,3,3,2] = -14366981/780, renopev[1,3,3,4,1] = -4592077/390, renopev[1,3,4,1,3] = -24843883/1365, renopev[1,3,4,2,2] = -66741803/2730, renopev[1,3,4,3,1] = -5344987/364, renopev[1,3,5,1,2] = -6236371/364, renopev[1,3,5,2,1] = -13024525/1092, renopev[1,3,6,1,1] = -2905083/182, renopev[1,4,1,1,5] = -1343713/78, renopev[1,4,1,2,4] = -11146015/546, renopev[1,4,1,3,3] = -7913071/546, renopev[1,4,1,4,2] = -6522039/455, renopev[1,4,1,5,1] = -1078291/91, renopev[1,4,2,1,4] = -1343713/78, renopev[1,4,2,2,3] = -1045987/78, renopev[1,4,2,3,2] = -2538563/156, renopev[1,4,2,4,1] = -137045/13, renopev[1,4,3,1,3] = -8124997/546, renopev[1,4,3,2,2] = -20781521/1092, renopev[1,4,3,3,1] = -1080150/91, renopev[1,4,4,1,2] = -7913071/546, renopev[1,4,4,2,1] = -3727865/364, renopev[1,4,5,1,1] = -13710691/1092, renopev[1,5,1,1,4] = -2665913/130, renopev[1,5,1,2,3] = -2024701/130, renopev[1,5,1,3,2] = -250561/13, renopev[1,5,1,4,1] = -3185513/260, renopev[1,5,2,1,3] = -16592467/910, renopev[1,5,2,2,2] = -4415189/182, renopev[1,5,2,3,1] = -26667241/1820, renopev[1,5,3,1,2] = -7976986/455, renopev[1,5,3,2,1] = -22205069/1820,

renoepv[1,5,4,1,1] = -17175061/1092, renoepv[1,6,1,1,3] = -11553833/780, renoepv[1,6,1,2,2] = -14235941/780, renoepv[1,6,1,3,1] = -3029383/260, renoepv[1,6,2,1,2] = -11553833/780, renoepv[1,6,2,2,1] = -2731371/260, renoepv[1,6,3,1,1] = -9386161/780, renoepv[1,7,1,1,2] = -25499083/1365, renoepv[1,7,1,2,1] = -11716687/910, renoepv[1,7,2,1,1] = -43370273/2730, renoepv[1,8,1,1,1] = -1089510/91, renoepv[2,1,1,1,7] = -68020117/2730, renoepv[2,1,1,2,6] = -27193221/910, renoepv[2,1,1,3,5] = -58600421/2730, renoepv[2,1,1,4,4] = -155579897/5460, renoepv[2,1,1,5,3] = -8488579/455, renoepv[2,1,1,6,2] = -7645583/273, renoepv[2,1,1,7,1] = -3068191/195, renoepv[2,1,2,1,6] = -68020117/2730, renoepv[2,1,2,2,5] = -17980589/910, renoepv[2,1,2,3,4] = -21308199/910, renoepv[2,1,2,4,3] = -90606703/5460, renoepv[2,1,2,5,2] = -6162101/273, renoepv[2,1,2,6,1] = -2644339/195, renoepv[2,1,3,1,5] = -20114721/910, renoepv[2,1,3,2,4] = -25134021/910, renoepv[2,1,3,3,3] = -8540631/455, renoepv[2,1,3,4,2] = -9721305/364, renoepv[2,1,3,5,1] = -1010337/65, renoepv[2,1,4,1,4] = -58600421/2730, renoepv[2,1,4,2,3] = -8986153/546, renoepv[2,1,4,3,2] = -55183007/2730, renoepv[2,1,4,4,1] = -70626223/5460, renoepv[2,1,5,1,3] = -107652017/5460, renoepv[2,1,5,2,2] = -143597927/5460, renoepv[2,1,5,3,1] = -28887319/1820, renoepv[2,1,6,1,2] = -8488579/455, renoepv[2,1,6,2,1] = -17755762/1365, renoepv[2,1,7,1,1] = -3127785/182, renoepv[2,2,1,1,6] = -81848477/2730, renoepv[2,2,1,2,5] = -21121909/910, renoepv[2,2,1,3,4] = -25490559/910, renoepv[2,2,1,4,3] = -106291463/5460, renoepv[2,2,1,5,2] = -7372765/273, renoepv[2,2,2,1,6,1] = -3114419/195, renoepv[2,2,2,2,1,5] = -24897681/910, renoepv[2,2,2,3,4] = -32259321/910, renoepv[2,2,3,3,3] = -21218577/910, renoepv[2,2,4,2,2] = -12493347/364, renoepv[2,2,5,1,1] = -1266177/65, renoepv[2,2,3,1,4] = -71607961/2730, renoepv[2,2,3,2,3] = -10806881/546, renoepv[2,2,3,3,2] = -33607286/1365, renoepv[2,2,3,4,1] = -84899573/5460, renoepv[2,2,4,1,3] = -135338767/5460, renoepv[2,2,4,2,2] = -185338717/5460, renoepv[2,2,4,3,1] = -36491279/1820, renoepv[2,2,5,1,2] = -21034393/910, renoepv[2,2,5,2,1] = -43519069/2730, renoepv[2,2,6,1,1] = -4000293/182, renoepv[2,3,1,1,5] = -60617527/2730, renoepv[2,3,1,2,4] = -72942697/2730, renoepv[2,3,1,3,3] = -33901991/1820, renoepv[2,3,1,4,2] = -4688253/182, renoepv[2,3,1,5,1] = -2978179/195, renoepv[2,3,2,1,4] = -60617527/2730, renoepv[2,3,2,2,3] = -46665589/2730, renoepv[2,3,2,3,2] = -22851817/1092, renoepv[2,3,2,4,1] = -18319013/1365, renoepv[2,3,3,1,3] = -52354129/2730, renoepv[2,3,3,2,2] = -13559111/546, renoepv[2,3,3,3,3,1] = -27849009/1820, renoepv[2,3,4,1,2] = -33901991/1820, renoepv[2,3,4,2,1] = -23785521/1820, renoepv[2,3,5,1,1] = -4435831/273, renoepv[2,4,1,1,4] = -25354501/910, renoepv[2,4,1,2,3] = -18954107/910, renoepv[2,4,1,3,2] = -9501761/364, renoepv[2,4,1,4,1] = -14897873/910, renoepv[2,4,2,1,3] = -22712147/910, renoepv[2,4,2,2,2] = -12320291/364, renoepv[2,4,2,3,1] = -9145274/455, renoepv[2,4,3,1,2] = -10860221/455, renoepv[2,4,3,2,1] = -29936029/1820, renoepv[2,4,4,1,1] = -23716109/1092, renoepv[2,5,1,1,3] = -5316217/273, renoepv[2,5,1,2,2] = -33148646/1365, renoepv[2,5,1,3,1] = -8355503/5460, renoepv[2,5,2,1,2] = -5316217/273, renoepv[2,5,2,2,1] = -14959751/1092, renoepv[2,5,3,1,1] = -86474419/5460, renoepv[2,6,1,1,2] = -140580367/5460, renoepv[2,6,1,2,1] = -31932179/1820, renoepv[2,6,2,1,1] = -120581297/5460, renoepv[2,7,1,1,1] = -21883522/1365, renoepv[3,1,1,1,6] = -12788533/546, renoepv[3,1,1,2,5] = -10161623/546, renoepv[3,1,1,3,4] = -1717763/78, renoepv[3,1,1,4,3] = -28458049/1820, renoepv[3,1,1,5,2] = -9659519/455, renoepv[3,1,1,6,1] = -17437261/1365, renoepv[3,1,2,1,5] = -56718019/2730, renoepv[3,1,2,2,4] = -10102327/390, renoepv[3,1,2,3,3] = -32113701/1820, renoepv[3,1,2,4,2] = -11396254/455, renoepv[3,1,2,5,1] = -19935757/1365, renoepv[3,1,3,1,4] = -55108411/2730, renoepv[3,1,3,2,3] = -8461925/546, renoepv[3,1,3,3,2,1] = -103817429/5460, renoepv[3,1,3,4,1] = -16628882/1365, renoepv[3,1,4,1,3] = -7223737/390, renoepv[3,1,4,2,2] = -4809422/195, renoepv[3,1,4,3,1] = -3876189/260, renoepv[3,1,5,1,2] = -31921509/1820, renoepv[3,1,5,2,1] = -22277329/1820, renoepv[3,1,6,1,1] = -44036389/2730, renoepv[3,2,1,1,5] = -10161623/546, renoepv[3,2,1,2,4] = -1717763/78, renoepv[3,2,1,3,3] = -28458049/1820, renoepv[3,2,1,4,2] = -9659519/455, renoepv[3,2,1,5,1] = -17437261/1365, renoepv[3,2,2,1,4] = -10161623/546, renoepv[3,2,2,2,3] = -39522841/2730, renoepv[3,2,2,3,2] = -95973593/5460, renoepv[3,2,2,4,1] = -15526781/1365, renoepv[3,2,3,1,3] = -6260203/390, renoepv[3,2,3,2,2] = -4003331/195, renoepv[3,2,3,3,1] = -3327069/260, renoepv[3,2,4,1,2] = -28458049/1820, renoepv[3,2,4,2,1] = -20095149/1820, renoepv[3,2,5,1,1] = -36949309/2730, renoepv[3,3,1,1,4] = -56718019/2730, renoepv[3,3,1,2,3] = -43414729/2730, renoepv[3,3,1,3,2] = -106784393/5460, renoepv[3,3,1,4,1] = -17064317/1365, renoepv[3,3,2,1,3] = -7125067/390, renoepv[3,3,2,2,2] = -4679006/195, renoepv[3,3,2,3,1] = -3805833/260, renoepv[3,3,3,1,2] = -32113701/1820, renoepv[3,3,3,2,1] = -22449501/1820, renoepv[3,3,4,1,1] = -42685039/2730, renoepv[3,4,1,1,3] = -8461925/546, renoepv[3,4,1,2,2] = -103817429/5460, renoepv[3,4,1,3,1] = -16628882/1365, renoepv[3,4,2,1,2] = -8461925/546, renoepv[3,4,2,3,1] = -12023227/1092, renoepv[3,4,3,1,1] = -68648659/5460, renoepv[3,5,1,1,2] = -7223737/390, renoepv[3,5,1,2,1] = -3343943/260, renoepv[3,5,2,1,1] = -12160813/780, renoepv[3,6,1,1,1] = -22277329/1820, renoepv[4,1,1,1,5] = -64234123/2730, renoepv[4,1,1,2,4] = -77953543/2730, renoepv[4,1,1,3,3] = -5386219/273, renoepv[4,1,1,4,2] = -150325367/5460, renoepv[4,1,1,5,1] = -7374487/455, renoepv[4,1,2,1,4] = -64234123/2730, renoepv[4,1,2,2,3] = -9840221/546, renoepv[4,1,2,3,2] = -120951737/5460, renoepv[4,1,2,4,1] = -6436407/455, renoepv[4,1,3,1,3] = -11106629/546, renoepv[4,1,3,2,2] = -144696887/5460, renoepv[4,1,3,3,1] = -14778289/910, renoepv[4,1,4,1,2] = -5386219/273, renoepv[4,1,4,2,1] = -5023257/364, renoepv[4,1,5,1,1] = -94341257/5460, renoepv[4,2,1,1,4] = -15407783/546, renoepv[4,2,1,2,3] = -57633529/2730, renoepv[4,2,1,3,2] = -144375137/5460, renoepv[4,2,1,4,1] = -22640549/1365, renoepv[4,2,2,1,3] = -68650249/2730, renoepv[4,2,2,2,2] = -185687837/5460, renoepv[4,2,3,1,1] = -9204458/455, renoepv[4,2,3,1,2] = -21914353/910, renoepv[4,2,3,2,1] = -30217381/1820, renoepv[4,2,4,1,1] = -39732029/1820, renoepv[4,3,1,1,3] = -55239137/2730, renoepv[4,3,1,2,2] = -27589343/1092, renoepv[4,3,1,3,1] = -43394213/2730, renoepv[4,3,2,1,2] = -55239137/2730, renoepv[4,3,2,2,1] = -77632279/5460, renoepv[4,3,3,1,1] = -5989365/364, renoepv[4,4,1,1,2] = -11691124/455, renoepv[4,4,1,2,1] = -31961981/1820, renoepv[4,4,2,1,1] = -11957761/5460, renoepv[4,5,1,1,1] = -17906605/1092, renoepv[5,1,1,1,4] = -11824837/546, renoepv[5,1,1,2,3] = -9086101/546, renoepv[5,1,1,3,2] = -11140153/546, renoepv[5,1,1,4,1] = -4755585/364, renoepv[5,1,2,1,3] = -10218661/546, renoepv[5,1,2,2,2] = -13263703/546, renoepv[5,1,2,3,1] = -16311655/1092, renoepv[5,1,3,1,2] = -472371/26, renoepv[5,1,3,2,1] = -1986301/156, renoepv[5,1,4,1,1] = -17334391/1092, renoepv[5,2,1,1,3] = -9086101/546, renoepv[5,2,1,2,2] = -11140153/546, renoepv[5,2,1,3,1] = -4755585/364, renoepv[5,2,2,1,2] = -9086101/546, renoepv[5,2,2,2,1] = -4299129/364, renoepv[5,2,3,1,1] = -4907737/364, renoepv[5,3,1,1,2] = -10218661/546, renoepv[5,3,1,2,1] = -14281627/1092, renoepv[5,3,2,1,1] = -5662777/364, renoepv[5,4,1,1,1] = -1986301/156, renoepv[6,1,1,1,3] = -39219419/1820, renoepv[6,1,1,2,2] = -9899137/364, renoepv[6,1,1,3,1] = -30833951/1820, renoepv[6,1,2,1,2] = -39219419/1820, renoepv[6,1,2,2,1] = -27408529/1820, renoepv[6,1,3,1,1] = -19185455/1092, renoepv[6,2,1,1,2] = -47833739/1820, renoepv[6,2,1,2,1] = -98018507/5460, renoepv[6,2,2,1,1] = -24354047/1092, renoepv[6,3,1,1,1] = -93711347/5460, renoepv[7,1,1,1,2] = -760219/39, renoepv[7,1,1,2,1] = -177755/13, renoepv[7,1,2,1,1] = -3094753/195, renoepv[7,2,1,1,1] = -177755/13, renoepv[8,1,1,1,1] = -16864613/910, renoepv[1,1,1,1,1,7] = 3620655/182, renoepv[1,1,1,1,2,6] = 21232401/910, renoepv[1,1,1,1,3,5] = 2234157/130, renoepv[1,1,1,1,4,4] = 40546743/1820, renoepv[1,1,1,1,5,3] = 1356231/91, renoepv[1,1,1,1,6,2] = 1988577/91, renoepv[1,1,1,1,7,1] = 5686659/455, renoepv[1,1,1,2,1,6] = 3620655/182, renoepv[1,1,1,2,2,5] = 416115/26, renoepv[1,1,1,2,3,4] = 3414735/182, renoepv[1,1,1,2,4,3] = 4905405/364, renoepv[1,1,1,2,5,2] = 1646235/91, renoepv[1,1,1,2,6,1] = 1000395/91, renoepv[1,1,1,3,1,5] = 2291643/130, renoepv[1,1,1,3,2,4] = 19722321/910, renoepv[1,1,1,3,3,3] = 6817191/455, renoepv[1,1,1,3,4,2] = 7626981/364, renoepv[1,1,1,3,5,1] = 5626599/455, renoepv[1,1,1,4,1,4] = 2234157/130, renoepv[1,1,1,4,2,3] = 1729653/130, renoepv[1,1,1,4,3,2] = 2108031/130, renoepv[1,1,1,4,4,1] = 2721543/260, renoepv[1,1,1,5,1,3] = 28510719/1820, renoepv[1,1,1,5,2,2] = 37537737/1820, renoepv[1,1,1,5,3,1] = 4584591/364, renoepv[1,1,1,6,1,2] = 1356231/91, renoepv[1,1,1,6,2,1] = 951918/91, renoepv[1,1,1,7,1,1] = 2468829/182, renoepv[1,1,2,1,1,6] = 12244801/546, renoepv[1,1,2,1,2,5] = 460991/26, renoepv[1,1,2,1,3,4] = 3832971/182, renoepv[1,1,2,1,4,3] = 16284691/1092, renoepv[1,1,2,1,5,2] = 5544037/273, renoepv[1,1,2,1,6,1] = 3330241/273, renoepv[1,1,2,2,1,5] = 2633283/130, renoepv[1,1,2,2,2,4] = 23284971/910, renoepv[1,1,2,2,3,3] = 31406079/1820, renoepv[1,1,2,2,4,2] = 4506501/182, renoepv[1,1,2,2,5,1] = 6522039/455, renoepv[1,1,2,3,1,4] = 7631581/390, renoepv[1,1,2,3,2,3] = 5839219/390, renoepv[1,1,2,3,3,2] = 14366981/780, renoepv[1,1,2,3,4,1] = 4592077/390, renoepv[1,1,2,4,1,3] = 24843883/1365, renoepv[1,1,2,4,2,2] = 66741803/2730, renoepv[1,1,2,4,3,1] = 5344987/364, renoepv[1,1,2,5,1,2] = 6236371/364, renoepv[1,1,2,

5,2,1] = 13024525/1092, renoprev[1,1,2,6,1,1] = 2905083/182, renoprev[1,1,3,1,1,5] = 1343713/78, renoprev[1,1,3,1,2,4] = 11146015/546, renoprev[1,1,3,1,3,3] = 7913071/546, renoprev[1,1,3,1,4,2] = 21495377/1092, renoprev[1,1,3,1,5,1] = 1078291/91, renoprev[1,1,3,2,1,4] = 1343713/78, renoprev[1,1,3,2,2,3] = 1045987/78, renoprev[1,1,3,2,3,2] = 2538563/156, renoprev[1,1,3,2,4,1] = 137045/13, renoprev[1,1,3,3,1,3] = 8124997/546, renoprev[1,1,3,3,2,2] = 20781521/1092, renoprev[1,1,3,3,3,1] = 1080150/91, renoprev[1,1,3,4,1,2] = 7913071/546, renoprev[1,1,3,4,2,1] = 3727865/364, renoprev[1,1,3,5,1,1] = 13710691/1092, renoprev[1,1,4,1,1,4] = 2665913/130, renoprev[1,1,4,1,2,3] = 2024701/130, renoprev[1,1,4,1,3,2] = 250561/13, renoprev[1,1,4,1,4,1] = 3185513/260, renoprev[1,1,4,2,1,3] = 16592467/910, renoprev[1,1,4,2,2,2] = 4415189/182, renoprev[1,1,4,2,3,1] = 26667241/1820, renoprev[1,1,4,3,1,2] = 7976986/455, renoprev[1,1,4,3,2,1] = 22205069/1820, renoprev[1,1,4,4,1,1] = 17175061/1092, renoprev[1,1,5,1,1,3] = 11553833/780, renoprev[1,1,5,1,2,2] = 14235941/780, renoprev[1,1,5,1,3,1] = 3029383/260, renoprev[1,1,5,2,1,2] = 11553833/780, renoprev[1,1,5,2,2,1] = 2731371/260, renoprev[1,1,5,3,1,1] = 9386161/780, renoprev[1,1,6,1,1,2] = 25499083/1365, renoprev[1,1,6,1,2,1] = 11716687/910, renoprev[1,1,6,2,1,1] = 43370273/2730, renoprev[1,1,7,1,1,1] = 1089510/91, renoprev[1,2,1,1,1,6] = 3620655/182, renoprev[1,2,1,1,2,5] = 416115/26, renoprev[1,2,1,1,3,4] = 3414735/182, renoprev[1,2,1,1,4,3] = 4905405/364, renoprev[1,2,1,1,5,2] = 1646235/91, renoprev[1,2,1,1,6,1] = 1000395/91, renoprev[1,2,1,2,1,5] = 2291643/130, renoprev[1,2,1,2,2,4] = 19722321/910, renoprev[1,2,1,2,3,3] = 6817191/455, renoprev[1,2,1,2,4,2] = 7626981/364, renoprev[1,2,1,2,5,1] = 5626599/455, renoprev[1,2,1,3,1,4] = 2234157/130, renoprev[1,2,1,3,2,3] = 1729653/130, renoprev[1,2,1,3,3,2] = 2108031/130, renoprev[1,2,1,3,4,1] = 2721543/260, renoprev[1,2,1,4,1,3] = 28510719/1820, renoprev[1,2,1,4,2,2] = 37537737/1820, renoprev[1,2,1,4,3,1] = 4584591/364, renoprev[1,2,1,5,1,2] = 1356231/91, renoprev[1,2,1,5,2,1] = 951918/91, renoprev[1,2,1,6,1,1] = 2468829/182, renoprev[1,2,2,1,1,5] = 416115/26, renoprev[1,2,2,1,2,4] = 3414735/182, renoprev[1,2,2,1,3,3] = 4905405/364, renoprev[1,2,2,1,4,2] = 1646235/91, renoprev[1,2,2,1,5,1] = 1000395/91, renoprev[1,2,2,2,1,4] = 416115/26, renoprev[1,2,2,2,2,3] = 326025/26, renoprev[1,2,2,2,3,2] = 787185/52, renoprev[1,2,2,2,4,1] = 128205/13, renoprev[1,2,2,3,1,3] = 2513835/182, renoprev[1,2,2,3,2,2] = 1594755/91, renoprev[1,2,2,3,3,1] = 4008015/364, renoprev[1,2,2,4,1,2] = 4905405/364, renoprev[1,2,2,4,2,1] = 3480345/364, renoprev[1,2,2,5,1,1] = 2114475/182, renoprev[1,2,3,1,1,4] = 2291643/130, renoprev[1,2,3,1,2,3] = 1769121/130, renoprev[1,2,3,1,3,2] = 864405/52, renoprev[1,2,3,1,4,1] = 695937/65, renoprev[1,2,3,2,1,3] = 14082687/910, renoprev[1,2,3,2,2,2] = 7324965/364, renoprev[1,2,3,2,3,1] = 11276793/910, renoprev[1,2,3,3,1,2] = 6817191/455, renoprev[1,2,3,3,2,1] = 19167489/1820, renoprev[1,2,3,4,1,1] = 4802523/364, renoprev[1,2,4,1,1,3] = 1729653/130, renoprev[1,2,4,1,2,2] = 2108031/130, renoprev[1,2,4,1,3,1] = 2721543/260, renoprev[1,2,4,2,1,2] = 1729653/130, renoprev[1,2,4,2,2,1] = 2469291/260, renoprev[1,2,4,3,1,1] = 2805627/260, renoprev[1,2,5,1,1,2] = 28510719/1820, renoprev[1,2,5,1,2,1] = 19913949/1820, renoprev[1,2,5,2,1,1] = 23925957/1820, renoprev[1,2,6,1,1,1] = 951918/91, renoprev[1,3,1,1,1,5] = 460991/26, renoprev[1,3,1,1,2,4] = 3832971/182, renoprev[1,3,1,1,3,3] = 16284691/1092, renoprev[1,3,1,1,4,2] = 5544037/273, renoprev[1,3,1,1,5,1] = 3330241/273, renoprev[1,3,1,2,1,4] = 460991/26, renoprev[1,3,1,2,2,3] = 358317/26, renoprev[1,3,1,2,3,2] = 870645/52, renoprev[1,3,1,2,4,1] = 422471/39, renoprev[1,3,1,3,1,3] = 2787927/182, renoprev[1,3,1,3,2,2] = 1785855/91, renoprev[1,3,1,3,3,1] = 4448091/364, renoprev[1,3,1,4,1,2] = 16284691/1092, renoprev[1,3,1,4,2,1] = 3832333/364, renoprev[1,3,1,5,1,1] = 7061597/546, renoprev[1,3,2,1,1,4] = 2633283/130, renoprev[1,3,2,1,2,3] = 2007801/130, renoprev[1,3,2,1,3,2] = 990765/52, renoprev[1,3,2,1,4,1] = 789537/65, renoprev[1,3,2,2,1,3] = 16293987/910, renoprev[1,3,2,2,2,2] = 4307445/182, renoprev[1,3,2,2,3,1] = 26150361/1820, renoprev[1,3,2,3,1,2] = 31406079/1820, renoprev[1,3,2,3,2,1] = 21908409/1820, renoprev[1,3,2,4,1,1] = 1399989/91, renoprev[1,3,3,1,1,3] = 5839219/390, renoprev[1,3,3,1,2,2] = 14366981/780, renoprev[1,3,3,1,3,1] = 4592077/390, renoprev[1,3,3,2,1,2] = 5839219/390, renoprev[1,3,3,2,2,1] = 8287973/780, renoprev[1,3,3,3,1,1] = 9482881/780, renoprev[1,3,4,1,1,2] = 24843883/1365, renoprev[1,3,4,1,2,1] = 22935149/1820, renoprev[1,3,4,2,1,1] = 27988197/1820, renoprev[1,3,5,1,1,1] = 13024525/1092, renoprev[1,4,1,1,1,4] = 1343713/78, renoprev[1,4,1,1,2,3] = 1045987/78, renoprev[1,4,1,1,3,2] = 2538563/156, renoprev[1,4,1,1,4,1] = 137045/13, renoprev[1,4,1,2,1,3] = 8124997/546, renoprev[1,4,1,2,2,2] = 20781521/1092, renoprev[1,4,1,2,3,1] = 1080150/91, renoprev[1,4,1,3,1,2] = 7913071/546, renoprev[1,4,1,3,2,1] = 3727865/364, renoprev[1,4,1,4,1,1] = 13710691/1092, renoprev[1,4,2,1,1,3] = 1045987/78, renoprev[1,4,2,1,2,2] = 2538563/156, renoprev[1,4,2,1,3,1] = 137045/13, renoprev[1,4,2,2,1,2] = 1045987/78, renoprev[1,4,2,2,2,1] = 498559/52, renoprev[1,4,2,3,1,1] = 1694161/156, renoprev[1,4,3,1,1,2] = 8124997/546, renoprev[1,4,3,1,2,1] = 3817097/364, renoprev[1,4,3,2,1,1] = 13465303/1092, renoprev[1,4,4,1,1,1] = 3727865/364, renoprev[1,5,1,1,1,3] = 2024701/130, renoprev[1,5,1,1,2,2] = 250561/13, renoprev[1,5,1,1,3,1] = 3185513/260, renoprev[1,5,1,2,1,2] = 2024701/130, renoprev[1,5,1,2,2,1] = 2864907/260, renoprev[1,5,1,3,1,1] = 1975429/156, renoprev[1,5,2,1,1,2] = 16592467/910, renoprev[1,5,2,1,2,1] = 23011589/1820, renoprev[1,5,2,2,1,1] = 16731475/1092, renoprev[1,5,3,1,1,1] = 22205069/1820, renoprev[1,6,1,1,1,2] = 11553833/780, renoprev[1,6,1,1,2,1] = 2731371/260, renoprev[1,6,1,2,1,1] = 9386161/780, renoprev[1,6,2,1,1,1] = 2731371/260, renoprev[1,7,1,1,1,1] = 11716687/910, renoprev[1,7,1,1,1,6] = 68020117/2730, renoprev[2,1,1,1,2,5] = 17980589/910, renoprev[2,1,1,1,3,4] = 21308199/910, renoprev[2,1,1,1,4,3] = 90606703/5460, renoprev[2,1,1,1,5,2] = 6162101/273, renoprev[2,1,1,1,6,1] = 2644339/195, renoprev[2,1,1,2,1,5] = 20114721/910, renoprev[2,1,1,2,2,4] = 25134021/910, renoprev[2,1,1,2,3,3] = 8540631/455, renoprev[2,1,1,2,4,2] = 9721305/364, renoprev[2,1,1,2,5,1] = 1010337/65, renoprev[2,1,1,3,1,4] = 58600421/2730, renoprev[2,1,1,3,2,3] = 8986153/546, renoprev[2,1,1,3,3,2] = 55183007/2730, renoprev[2,1,1,3,4,1] = 70626223/5460, renoprev[2,1,1,4,1,3] = 107652017/5460, renoprev[2,1,1,4,2,2] = 143597927/5460, renoprev[2,1,1,4,3,1] = 28887319/1820, renoprev[2,1,1,5,1,2] = 8488579/455, renoprev[2,1,1,5,2,1] = 17755762/1365, renoprev[2,1,1,6,1,1] = 3127785/182, renoprev[2,1,2,1,1,5] = 17980589/910, renoprev[2,1,2,1,2,4] = 21308199/910, renoprev[2,1,2,1,3,3] = 90606703/5460, renoprev[2,1,2,1,4,2] = 6162101/273, renoprev[2,1,2,1,5,1] = 2644339/195, renoprev[2,1,2,2,1,4] = 17980589/910, renoprev[2,1,2,2,2,3] = 13970583/910, renoprev[2,1,2,2,3,2] = 6791235/364, renoprev[2,1,2,2,4,1] = 16462613/1365, renoprev[2,1,2,3,1,3] = 15506403/910, renoprev[2,1,2,3,2,2] = 1985775/91, renoprev[2,1,2,3,3,1] = 24723159/1820, renoprev[2,1,2,4,1,2] = 90606703/5460, renoprev[2,1,2,4,2,1] = 21310321/1820, renoprev[2,1,2,5,1,1] = 7847821/546, renoprev[2,1,3,1,1,4] = 20114721/910, renoprev[2,1,3,1,2,3] = 15375987/910, renoprev[2,1,3,1,3,2] = 7572015/364, renoprev[2,1,3,1,4,1] = 6042759/455, renoprev[2,1,3,2,1,3] = 17692587/910, renoprev[2,1,3,2,2,2] = 9309465/364, renoprev[2,1,3,2,3,1] = 14176893/910, renoprev[2,1,3,3,1,2] = 8540631/455, renoprev[2,1,3,3,2,1] = 23860869/1820, renoprev[2,1,3,4,1,1] = 6060375/364, renoprev[2,1,4,1,1,3] = 8986153/546, renoprev[2,1,4,1,2,2] = 55183007/2730, renoprev[2,1,4,1,3,1] = 70626223/5460, renoprev[2,1,4,2,1,2] = 8986153/546, renoprev[2,1,4,2,2,1] = 12758279/1092, renoprev[2,1,4,3,1,1] = 72904499/5460, renoprev[2,1,5,1,1,2] = 107652017/5460, renoprev[2,1,5,1,2,1] = 24893329/1820, renoprev[2,1,5,2,1,1] = 30218649/1820, renoprev[2,1,6,1,1,1] = 17755762/1365, renoprev[2,2,1,1,1,5] = 21121909/910, renoprev[2,2,1,1,2,4] = 25490559/910, renoprev[2,2,1,1,3,3] = 106291463/5460, renoprev[2,2,1,1,4,2] = 7372765/273, renoprev[2,2,1,1,5,1] = 3114419/195, renoprev[2,2,1,2,1,4] = 21121909/910, renoprev[2,2,1,2,2,3] = 16231023/910, renoprev[2,2,1,2,3,2] = 7959675/364, renoprev[2,2,1,2,4,1] = 19112533/1365, renoprev[2,2,1,3,1,3] = 18247323/910, renoprev[2,2,1,3,2,2] = 2367975/91, renoprev[2,2,1,3,3,1] = 29123919/1820, renoprev[2,2,1,4,1,2] = 106291463/5460, renoprev[2,2,1,4,2,1] = 24830201/1820, renoprev[2,2,1,5,1,1] = 9284165/546, renoprev[2,2,2,1,1,4] = 24897681/910, renoprev[2,2,2,1,2,3] = 18717507/910, renoprev[2,2,2,1,3,2] = 9341055/364, renoprev[2,2,2,1,4,1] = 7353159/455, renoprev[2,2,2,2,1,3] = 22115187/910, renoprev[2,2,2,2,2,2] = 11889315/364, renoprev[2,2,2,2,3,1] = 8886834/455, renoprev[2,2,2,3,1,2] = 21218577/910, renoprev[2,2,2,3,2,1] = 29342709/1820, renoprev[2,2,2,4,1,1] = 7655241/364, renoprev[2,2,3,1,1,3] = 10806881/546, renoprev[2,2,3,1,2,2] = 33607286/1365, renoprev[2,2,3,1,3,1] = 84899573/5460, renoprev[2,2,3,2,1,2] = 10806881/546, renoprev[2,2,3,2,2,1] = 15222559/1092, renoprev[2,2,3,3,1,1] = 87828499/5460, renoprev[2,2,4,1,1,2] = 135338767/5460, renoprev[2,2,4,1,2,1] = 30935729/1820, renoprev[2,2,4,2,1,1] = 38343129/1820, renoprev[2,2,5,1,1,1] = 43519069/2730, renoprev[2,3,1,1,1,4] = 60617527/2730, renoprev[2,3,1,1,2,3] = 46665589/2730, renoprev[2,3,1,1,3,2] = 22851817/1092, renoprev[2,3,1,1,4,1] = 18319013/1365, renoprev[2,3,1,2,1,3] = 52354129/2730, renoprev[2,3,1,2,2,2] = 13559111/546, renoprev[2,3,1,2,3,1] = 27849009/1820, renoprev[2,3,1,3,1,2] = 33901991/1820, renoprev[2,3,1,3,2,1] = 23785521/1820, renoprev[2,3,1,4,1,1] = 4435831/273, renoprev[2,3,2,1,1,3] = 46665589/2730, renoprev[2,3,2,1,2,2] = 22851817/1092,

renoepv[2,3,2,1,3,1] = 18319013/1365, renoepv[2,3,2,2,1,2] = 46665589/2730, renoepv[2,3,2,2,2,1] = 66300083/5460, renoepv[2,3,2,3,1,1] = 15120275/1092, renoepv[2,3,3,1,1,2] = 52354129/2730, renoepv[2,3,3,1,2,1] = 24417581/1820, renoepv[2,3,3,2,1,1] = 17395691/1092, renoepv[2,3,4,1,1,1] = 23785521/1820, renoepv[2,4,1,1,1,3] = 18954107/910, renoepv[2,4,1,1,2,2] = 9501761/364, renoepv[2,4,1,1,3,1] = 14897873/910, renoepv[2,4,1,2,1,2] = 18954107/910, renoepv[2,4,1,2,2,1] = 26595549/1820, renoepv[2,4,1,3,1,1] = 18517487/1092, renoepv[2,4,2,1,1,2] = 22712147/910, renoepv[2,4,2,1,2,1] = 31188709/1820, renoepv[2,4,2,2,1,1] = 23027135/1092, renoepv[2,4,3,1,1,1] = 29936029/1820, renoepv[2,5,1,1,1,2] = 5316217/273, renoepv[2,5,1,1,2,1] = 14959751/1092, renoepv[2,5,1,2,1,1] = 86474419/5460, renoepv[2,5,2,1,1,1] = 14959751/1092, renoepv[2,6,1,1,1,1] = 31932179/1820, renoepv[3,1,1,1,1,5] = 10161623/546, renoepv[3,1,1,1,2,4] = 1717763/78, renoepv[3,1,1,1,3,3] = 28458049/1820, renoepv[3,1,1,1,4,2] = 9659519/455, renoepv[3,1,1,1,5,1] = 17437261/1365, renoepv[3,1,1,2,1,4] = 10161623/546, renoepv[3,1,1,2,2,3] = 39522841/2730, renoepv[3,1,1,2,3,2] = 95973593/5460, renoepv[3,1,1,2,4,1] = 15526781/1365, renoepv[3,1,1,3,1,3] = 6260203/390, renoepv[3,1,1,3,2,2] = 4003331/195, renoepv[3,1,1,3,3,1] = 3327069/260, renoepv[3,1,1,4,1,2] = 28458049/1820, renoepv[3,1,1,4,2,1] = 20095149/1820, renoepv[3,1,1,5,1,1] = 36949309/2730, renoepv[3,1,2,1,1,4] = 56718019/2730, renoepv[3,1,2,1,2,3] = 43414729/2730, renoepv[3,1,2,1,3,2] = 106784393/5460, renoepv[3,1,2,1,4,1] = 17064317/1365, renoepv[3,1,2,2,1,3] = 7125067/390, renoepv[3,1,2,2,2,2] = 4679006/195, renoepv[3,1,2,3,1,1] = 3805833/260, renoepv[3,1,2,3,1,2] = 32113701/1820, renoepv[3,1,2,3,2,1] = 22449501/1820, renoepv[3,1,2,4,1,1] = 42685039/2730, renoepv[3,1,3,1,1,3] = 8461925/546, renoepv[3,1,3,1,2,2] = 103817429/5460, renoepv[3,1,3,1,3,1] = 16628882/1365, renoepv[3,1,3,2,1,2] = 8461925/546, renoepv[3,1,3,2,2,1] = 12023227/1092, renoepv[3,1,3,3,1,1] = 68648659/5460, renoepv[3,1,4,1,1,2] = 7223737/390, renoepv[3,1,4,1,2,1] = 3343943/260, renoepv[3,1,4,2,1,1] = 12160813/780, renoepv[3,1,5,1,1,1] = 22277329/1820, renoepv[3,2,1,1,1,4] = 10161623/546, renoepv[3,2,1,1,2,3] = 39522841/2730, renoepv[3,2,1,1,3,2] = 95973593/5460, renoepv[3,2,1,1,4,1] = 15526781/1365, renoepv[3,2,1,2,1,3] = 6260203/390, renoepv[3,2,1,2,2,2] = 4003331/195, renoepv[3,2,1,2,3,1] = 3327069/260, renoepv[3,2,1,3,1,2] = 28458049/1820, renoepv[3,2,1,3,2,1] = 20095149/1820, renoepv[3,2,1,4,1,1] = 36949309/2730, renoepv[3,2,2,1,1,3] = 39522841/2730, renoepv[3,2,2,1,2,2] = 95973593/5460, renoepv[3,2,2,1,3,1] = 15526781/1365, renoepv[3,2,2,2,1,2] = 39522841/2730, renoepv[3,2,2,2,2,1] = 56464487/5460, renoepv[3,2,2,3,1,1] = 63988003/5460, renoepv[3,2,3,1,1,2] = 6260203/390, renoepv[3,2,3,1,2,1] = 2938967/260, renoepv[3,2,3,2,1,1] = 10369309/780, renoepv[3,2,4,1,1,1] = 20095149/1820, renoepv[3,3,1,1,1,3] = 43414729/2730, renoepv[3,3,1,1,2,2] = 106784393/5460, renoepv[3,3,1,1,3,1] = 17064317/1365, renoepv[3,3,1,2,1,2] = 43414729/2730, renoepv[3,3,1,2,2,1] = 61605623/5460, renoepv[3,3,1,3,1,1] = 70474483/5460, renoepv[3,3,2,1,1,2] = 7125067/390, renoepv[3,3,2,1,2,1] = 3309623/260, renoepv[3,3,2,2,1,1] = 11913709/780, renoepv[3,3,3,1,1,1] = 22449501/1820, renoepv[3,4,1,1,1,2] = 8461925/546, renoepv[3,4,1,1,2,1] = 12023227/1092, renoepv[3,4,1,2,1,1] = 68648659/5460, renoepv[3,4,2,1,1,1] = 12023227/1092, renoepv[3,5,1,1,1,1] = 3343943/260, renoepv[4,1,1,1,1,4] = 64234123/2730, renoepv[4,1,1,2,3] = 9840221/546, renoepv[4,1,1,1,3,2] = 120951737/5460, renoepv[4,1,1,1,4,1] = 6436407/455, renoepv[4,1,1,2,1,3] = 11106629/546, renoepv[4,1,1,2,2,2] = 144696887/5460, renoepv[4,1,1,2,3,1] = 14778289/910, renoepv[4,1,1,3,1,2] = 5386219/273, renoepv[4,1,1,3,2,1] = 5023257/364, renoepv[4,1,1,4,1,1] = 94341257/5460, renoepv[4,1,2,1,1,3] = 9840221/546, renoepv[4,1,2,1,2,2] = 120951737/5460, renoepv[4,1,2,1,3,1] = 6436407/455, renoepv[4,1,2,2,1,2] = 9840221/546, renoepv[4,1,2,2,2,1] = 4648025/364, renoepv[4,1,2,3,1,1] = 79742387/5460, renoepv[4,1,3,1,1,2] = 11106629/546, renoepv[4,1,3,1,2,1] = 5163969/364, renoepv[4,1,3,2,1,1] = 92406467/5460, renoepv[4,1,4,1,1,1] = 5023257/364, renoepv[4,2,1,1,1,3] = 57633529/2730, renoepv[4,2,1,1,2,2] = 144375137/5460, renoepv[4,2,1,1,3,1] = 22640549/1365, renoepv[4,2,1,2,1,2] = 68650249/2730, renoepv[4,2,2,1,2,1] = 31441461/1820, renoepv[4,2,2,2,1,1] = 115829867/5460, renoepv[4,2,3,1,1,1] = 30217381/1820, renoepv[4,3,1,1,1,2] = 55239137/2730, renoepv[4,3,1,1,2,1] = 77632279/5460, renoepv[4,3,1,2,1,1] = 5989365/364, renoepv[4,3,2,1,1,1] = 77632279/5460, renoepv[4,4,1,1,1,1] = 31961981/1820, renoepv[5,1,1,1,1,3] = 9086101/546, renoepv[5,1,1,1,2,2] = 11140153/546, renoepv[5,1,1,1,3,1] = 4755585/364, renoepv[5,1,1,2,1,2] = 9086101/546, renoepv[5,1,1,2,2,1] = 4299129/364, renoepv[5,1,1,3,1,1] = 4907737/364, renoepv[5,1,2,1,1,2] = 10218661/546, renoepv[5,1,2,1,2,1] = 14281627/1092, renoepv[5,1,2,2,1,1] = 5662777/364, renoepv[5,1,3,1,1,1] = 1986301/156, renoepv[5,2,1,1,1,2] = 9086101/546, renoepv[5,2,1,1,2,1] = 4299129/364, renoepv[5,2,1,2,1,1] = 4907737/364, renoepv[5,2,2,1,1,1] = 4299129/364, renoepv[6,1,1,1,1,1] = 14281627/1092, renoepv[6,1,1,1,2,2] = 39219419/1820, renoepv[6,1,1,1,2,1] = 27408529/1820, renoepv[6,1,1,2,1,1] = 19185455/1092, renoepv[6,1,2,1,1,1] = 27408529/1820, renoepv[6,2,1,1,1,1] = 98018507/5460, renoepv[7,1,1,1,1,1] = 177755/13, renoepv[1,1,1,1,1,6] = -3620655/182, renoepv[1,1,1,1,1,2,5] = -416115/26, renoepv[1,1,1,1,1,3,4] = -3414735/182, renoepv[1,1,1,1,1,4,3] = -4905405/364, renoepv[1,1,1,1,1,5,2] = -1646235/91, renoepv[1,1,1,1,1,6,1] = -1000395/91, renoepv[1,1,1,1,2,1,5] = -2291643/130, renoepv[1,1,1,1,2,2,4] = -19722321/910, renoepv[1,1,1,1,2,3,3] = -6817191/455, renoepv[1,1,1,1,2,4,2] = -7626981/364, renoepv[1,1,1,1,2,5,1] = -5626599/455, renoepv[1,1,1,1,3,1,4] = -2234157/130, renoepv[1,1,1,1,3,2,3] = -1729653/130, renoepv[1,1,1,1,3,3,2] = -2108031/130, renoepv[1,1,1,1,3,4,1] = -2721543/260, renoepv[1,1,1,1,4,1,1] = -28510719/1820, renoepv[1,1,1,1,4,2,2] = -37537737/1820, renoepv[1,1,1,1,4,3,1] = -4584591/364, renoepv[1,1,1,1,5,1,2] = -1356231/91, renoepv[1,1,1,1,5,2,1] = -951918/91, renoepv[1,1,1,1,6,1,1] = -2468829/182, renoepv[1,1,1,2,1,1,5] = -416115/26, renoepv[1,1,1,2,1,2,4] = -3414735/182, renoepv[1,1,1,2,1,3,3] = -4905405/364, renoepv[1,1,1,2,1,4,2] = -1646235/91, renoepv[1,1,1,2,1,5,1] = -1000395/91, renoepv[1,1,1,2,2,1,4] = -416115/26, renoepv[1,1,1,2,2,2,3] = -326025/26, renoepv[1,1,1,2,2,3,2] = -787185/52, renoepv[1,1,1,2,2,4,1] = -128205/13, renoepv[1,1,1,2,3,1,3] = -2513835/182, renoepv[1,1,1,2,3,2,2] = -1594755/91, renoepv[1,1,1,2,3,3,1] = -4008015/364, renoepv[1,1,1,2,4,1,2] = -4905405/364, renoepv[1,1,1,2,4,2,1] = -3480345/364, renoepv[1,1,1,2,5,1,1] = -2114475/182, renoepv[1,1,1,3,1,1,4] = -2291643/130, renoepv[1,1,1,3,1,2,3] = -1769121/130, renoepv[1,1,1,3,1,3,2] = -864405/52, renoepv[1,1,1,3,1,4,1] = -695937/65, renoepv[1,1,1,3,2,1,3] = -14082687/910, renoepv[1,1,1,3,2,2,2] = -7324965/364, renoepv[1,1,1,3,2,3,1] = -11276793/910, renoepv[1,1,1,3,3,1,2] = -6817191/455, renoepv[1,1,1,3,3,2,1] = -19167489/1820, renoepv[1,1,1,3,4,1,1] = -4802523/364, renoepv[1,1,1,4,1,1,3] = -1729653/130, renoepv[1,1,1,4,1,2,2] = -2108031/130, renoepv[1,1,1,4,1,3,1] = -2721543/260, renoepv[1,1,1,4,2,1,2] = -1729653/130, renoepv[1,1,1,4,2,2,1] = -2469291/260, renoepv[1,1,1,4,3,1,1] = -2805627/260, renoepv[1,1,1,5,1,1,2] = -28510719/1820, renoepv[1,1,1,5,1,2,1] = -19913949/1820, renoepv[1,1,1,5,2,1,1] = -23925957/1820, renoepv[1,1,1,6,1,1,1] = -951918/91, renoepv[1,1,2,1,1,1,5] = -460991/26, renoepv[1,1,2,1,1,2,4] = -3832971/182, renoepv[1,1,2,1,1,3,3] = -16284691/1092, renoepv[1,1,2,1,1,4,2] = -5544037/273, renoepv[1,1,2,1,1,5,1] = -3330241/273, renoepv[1,1,2,1,2,1,4] = -460991/26, renoepv[1,1,2,1,2,2,3] = -358317/26, renoepv[1,1,2,1,2,3,2] = -870645/52, renoepv[1,1,2,1,2,4,1] = -422471/39, renoepv[1,1,2,1,3,1,3] = -2787927/182, renoepv[1,1,2,1,3,2,2] = -1785855/91, renoepv[1,1,2,1,3,3,1] = -4448091/364, renoepv[1,1,2,1,4,1,2] = -16284691/1092, renoepv[1,1,2,1,4,2,1] = -3832333/364, renoepv[1,1,2,1,5,1,1] = -7061597/546, renoepv[1,1,2,2,1,1,4] = -2633283/130, renoepv[1,1,2,2,1,2,3] = -2007801/130, renoepv[1,1,2,2,1,3,2] = -990765/52, renoepv[1,1,2,2,1,4,1] = -789537/65, renoepv[1,1,2,2,2,1,3] = -16293987/910, renoepv[1,1,2,2,2,2,2] = -4307445/182, renoepv[1,1,2,2,2,3,1] = -26150361/1820, renoepv[1,1,2,2,3,1,2] = -31406079/1820, renoepv[1,1,2,2,3,2,1] = -21908409/1820, renoepv[1,1,2,2,4,1,1] = -1399989/91, renoepv[1,1,2,3,1,1,3] = -5839219/390, renoepv[1,1,2,3,1,2,2] = -14366981/780, renoepv[1,1,2,3,1,3,1] = -4592077/390, renoepv[1,1,2,3,2,1,2] = -5839219/390, renoepv[1,1,2,3,2,2,1] = -8287973/780, renoepv[1,1,2,3,3,1,1] = -9482881/780, renoepv[1,1,2,4,1,1,2] = -24843883/1365, renoepv[1,1,2,4,1,2,1] = -22935149/1820, renoepv[1,1,2,4,2,1,1] = -27988197/1820, renoepv[1,1,2,5,1,1,1] = -13024525/1092, renoepv[1,1,3,1,1,1,4] = -1343713/78, renoepv[1,1,3,1,1,2,3] = -1045987/78, renoepv[1,1,3,1,1,3,2] = -2538563/156, renoepv[1,1,3,1,1,4,1] = -137045/13, renoepv[1,1,3,1,2,1,3] = -8124997/546, renoepv[1,1,3,1,2,2,2] = -20781521/1092, renoepv[1,1,3,1,2,3,1] = -1080150/91, renoepv[1,1,3,1,3,1,2] = -7913071/546, renoepv[1,1,3,1,3,2,1] = -3727865/364, renoepv[1,1,3,1,4,1,1] = -13710691/1092, renoepv[1,1,3,2,1,1,3] = -1045987/78, renoepv[1,1,3,2,1,2,2] = -2538563/156, renoepv[1,1,3,2,1,3,1] = -137045/13, renoepv[1,1,3,2,2,1,2] = -1045987/78, renoepv[1,1,3,2,2,2,1] = -498559/52, renoepv[1,1,3,2,3,1,1] = -\

1694161/156, renopev[1,1,3,3,1,2] = -8124997/546, renopev[1,1,3,3,1,2,1] = -3817097/364, renopev[1,1,3,3,2,1,1] = -\ 13465303/1092, renopev[1,1,3,4,1,1,1] = -3727865/364, renopev[1,1,4,1,1,1,3] = -2024701/130, renopev[1,1,4,1,1,2,2] = -\ 250561/13, renopev[1,1,4,1,1,3,1] = -3185513/260, renopev[1,1,4,1,2,1,2] = -2024701/130, renopev[1,1,4,1,2,2,1] = -2864907/ 260, renopev[1,1,4,1,3,1,1] = -1975429/156, renopev[1,1,4,2,1,1,2] = -16592467/910, renopev[1,1,4,2,1,2,1] = -23011589/1820, renopev[1,1,4,2,2,1,1] = -16731475/1092, renopev[1,1,4,3,1,1,1] = -22205069/1820, renopev[1,1,5,1,1,1,2] = -11553833/780, renopev[1,1,5,1,1,2,1] = -2731371/260, renopev[1,1,5,1,2,1,1] = -9386161/780, renopev[1,1,5,2,1,1,1] = -2731371/260, renopev [1,1,6,1,1,1,1] = -11716687/910, renopev[1,2,1,1,1,1,5] = -416115/26, renopev[1,2,1,1,1,2,4] = -3414735/182, renopev[1,2,1,1 ,1,3,3] = -4905405/364, renopev[1,2,1,1,1,4,2] = -1646235/91, renopev[1,2,1,1,1,5,1] = -1000395/91, renopev[1,2,1,1,2,1,4] = -416115/26, renopev[1,2,1,1,2,2,3] = -326025/26, renopev[1,2,1,1,2,3,2] = -787185/52, renopev[1,2,1,1,2,4,1] = -128205/13, renopev[1,2,1,1,3,1,3] = -2513835/182, renopev[1,2,1,1,3,2,2] = -1594755/91, renopev[1,2,1,1,3,3,1] = -4008015/364, renopev[ 1,2,1,1,4,1,2] = -4905405/364, renopev[1,2,1,1,4,2,1] = -3480345/364, renopev[1,2,1,1,5,1,1] = -2114475/182, renopev[1,2,1,2 ,1,1,4] = -2291643/130, renopev[1,2,1,2,1,2,3] = -1769121/130, renopev[1,2,1,2,1,3,2] = -864405/52, renopev[1,2,1,2,1,4,1] = -695937/65, renopev[1,2,1,2,1,3] = -14082687/910, renopev[1,2,1,2,2,2,2] = -7324965/364, renopev[1,2,1,2,2,3,1] = -\ 11276793/910, renopev[1,2,1,2,3,1,2] = -6817191/455, renopev[1,2,1,2,3,2,1] = -19167489/1820, renopev[1,2,1,2,4,1,1] = -\ 4802523/364, renopev[1,2,1,3,1,1,3] = -1729653/130, renopev[1,2,1,3,1,2,2] = -2108031/130, renopev[1,2,1,3,1,3,1] = -2721543 /260, renopev[1,2,1,3,2,1,2] = -1729653/130, renopev[1,2,1,3,2,2,1] = -2469291/260, renopev[1,2,1,3,3,1,1] = -2805627/260, renopev[1,2,1,4,1,1,2] = -28510719/1820, renopev[1,2,1,4,1,2,1] = -19913949/1820, renopev[1,2,1,4,2,1,1] = -23925957/1820, renopev[1,2,1,5,1,1,1] = -9519187/91, renopev[1,2,1,1,1,4] = -416115/26, renopev[1,2,2,1,1,2,3] = -326025/26, renopev[1,2,2 ,1,1,3,2] = -787185/52, renopev[1,2,2,1,1,4,1] = -128205/13, renopev[1,2,2,1,2,1,3] = -2513835/182, renopev[1,2,2,1,2,2,2] = -1594755/91, renopev[1,2,2,1,2,3,1] = -4008015/364, renopev[1,2,2,1,3,1,2] = -4905405/364, renopev[1,2,2,1,3,2,1] = -3480345 /364, renopev[1,2,2,1,4,1,1] = -2114475/182, renopev[1,2,2,2,1,1,3] = -326025/26, renopev[1,2,2,2,1,2,2] = -787185/52, renopev[1,2,2,2,1,3,1] = -128205/13, renopev[1,2,2,2,1,2,2] = -326025/26, renopev[1,2,2,2,2,1,1] = -467775/52, renopev[1,2,2 ,2,3,1,1] = -527835/52, renopev[1,2,2,3,1,1,2] = -2513835/182, renopev[1,2,2,3,1,2,1] = -3557565/364, renopev[1,2,2,3,2,1,1] = -4158165/364, renopev[1,2,2,4,1,1,1] = -3480345/364, renopev[1,2,3,1,1,1,3] = -1769121/130, renopev[1,2,3,1,1,2,2] = -\ 864405/52, renopev[1,2,3,1,3,1,1] = -695937/65, renopev[1,2,3,1,2,1,2] = -1769121/130, renopev[1,2,3,1,2,2,1] = -2522487/260 , renopev[1,2,3,1,3,1,1] = -574167/52, renopev[1,2,3,2,1,1,2] = -14082687/910, renopev[1,2,3,2,1,2,1] = -19733769/1820, renopev[1,2,3,2,2,1,1] = -4698705/364, renopev[1,2,3,3,1,1,1] = -19167489/1820, renopev[1,2,4,1,1,1,2] = -1729653/130, renopev[1,2,4,1,1,2,1] = -2469291/260, renopev[1,2,4,1,2,1,1] = -2805627/260, renopev[1,2,4,2,1,1,1] = -2469291/260, renopev[1,2,5,1,1,1,1] = -19913949/1820, renopev[1,3,1,1,1,1,4] = -460991/26, renopev[1,3,1,1,1,2,3] = -358317/26, renopev[1,3,1,1 ,1,3,2] = -870645/52, renopev[1,3,1,1,1,4,1] = -422471/39, renopev[1,3,1,1,2,1,3] = -2787927/182, renopev[1,3,1,1,2,2,2] = -\ 1785855/91, renopev[1,3,1,1,2,3,1] = -4448091/364, renopev[1,3,1,1,3,1,2] = -16284691/1092, renopev[1,3,1,1,3,2,1] = -\ 3832333/364, renopev[1,3,1,1,4,1,1] = -7061597/546, renopev[1,3,1,2,1,1,3] = -358317/26, renopev[1,3,1,2,1,2,2] = -870645/52 , renopev[1,3,1,2,1,3,1] = -422471/39, renopev[1,3,1,2,2,1,2] = -358317/26, renopev[1,3,1,2,2,2,1] = -1535873/156, renopev[1 ,3,1,2,3,1,1] = -580407/52, renopev[1,3,1,3,1,1,2] = -2787927/182, renopev[1,3,1,3,1,2,1] = -3925569/364, renopev[1,3,1,3,2 ,1,1] = -4622265/364, renopev[1,3,1,4,1,1,1] = -3832333/364, renopev[1,3,2,1,1,1,3] = -2007801/130, renopev[1,3,2,1,1,2,2] = -990765/52, renopev[1,3,2,1,1,3,1] = -789537/65, renopev[1,3,2,1,2,1,2] = -2007801/130, renopev[1,3,2,1,2,2,1] = -2845407/ 260, renopev[1,3,2,1,3,1,1] = -652479/52, renopev[1,3,2,2,1,1,2] = -16293987/910, renopev[1,3,2,2,1,2,1] = -22654869/1820, renopev[1,3,2,2,2,1,1] = -5463105/364, renopev[1,3,2,3,1,1,1] = -21908409/1820, renopev[1,3,3,1,1,1,2] = -5839219/390, renopev[1,3,3,1,1,2,1] = -8287973/780, renopev[1,3,3,1,2,1,1] = -9482881/780, renopev[1,3,3,2,1,1,1] = -8287973/780, renopev [1,3,4,1,1,1,1] = -22935149/1820, renopev[1,4,1,1,1,1,3] = -1045987/78, renopev[1,4,1,1,1,2,2] = -2538563/156, renopev[1,4,1 ,1,1,3,1] = -137045/13, renopev[1,4,1,1,2,1,2] = -1045987/78, renopev[1,4,1,1,2,2,1] = -498559/52, renopev[1,4,1,1,3,1,1] = -1694161/156, renopev[1,4,1,2,1,1,2] = -8124997/546, renopev[1,4,1,2,1,2,1] = -3817097/364, renopev[1,4,1,2,2,1,1] = -\ 13465303/1092, renopev[1,4,1,3,1,1,1] = -3727865/364, renopev[1,4,2,1,1,1,2] = -1045987/78, renopev[1,4,2,1,1,2,1] = -498559 /52, renopev[1,4,2,1,2,1,1] = -1694161/156, renopev[1,4,2,2,1,1,1] = -498559/52, renopev[1,4,3,1,1,1,1] = -3817097/364, renopev[1,5,1,1,1,1,2] = -2024701/130, renopev[1,5,1,1,1,2,1] = -2864907/260, renopev[1,5,1,1,2,1,1] = -1975429/156, renopev [1,5,1,2,1,1,1] = -2864907/260, renopev[1,5,2,1,1,1,1] = -23011589/1820, renopev[1,6,1,1,1,1,1] = -2731371/260, renopev[2,1 ,1,1,1,1,5] = -17980589/910, renopev[2,1,1,1,1,2,4] = -21308199/910, renopev[2,1,1,1,1,3,3] = -90606703/5460, renopev[2,1,1,1,2 ,1,4,2] = -6162101/273, renopev[2,1,1,1,1,5,1] = -2644339/195, renopev[2,1,1,1,2,1,4] = -17980589/910, renopev[2,1,1,1,2,2,3 ] = -13970583/910, renopev[2,1,1,1,2,3,2] = -6791235/364, renopev[2,1,1,1,2,4,1] = -16462613/1365, renopev[2,1,1,1,3,1,3] = -15506403/910, renopev[2,1,1,1,3,2,2] = -1985775/91, renopev[2,1,1,1,3,3,1] = -24723159/1820, renopev[2,1,1,1,4,1,2] = -\ 90606703/5460, renopev[2,1,1,1,4,2,1] = -21310321/1820, renopev[2,1,1,1,5,1,1] = -7847821/546, renopev[2,1,1,1,2,1,4] = -\ 20114721/910, renopev[2,1,1,2,1,2,3] = -15375987/910, renopev[2,1,1,2,1,3,2] = -7572015/364, renopev[2,1,1,2,1,4,1] = -\ 6042759/455, renopev[2,1,1,2,2,1,3] = -17692587/910, renopev[2,1,1,2,2,2,2] = -9309465/364, renopev[2,1,1,2,2,3,1] = -\ 14176893/910, renopev[2,1,1,2,3,1,2] = -8540631/455, renopev[2,1,1,2,3,2,1] = -23860869/1820, renopev[2,1,1,2,4,1,1] = -\ 6060375/364, renopev[2,1,1,3,1,1,3] = -8986153/546, renopev[2,1,1,3,1,2,2] = -55183007/2730, renopev[2,1,1,3,1,3,1] = -\ 70626223/5460, renopev[2,1,1,3,2,1,2] = -8986153/546, renopev[2,1,1,3,2,2,1] = -12758279/1092, renopev[2,1,1,3,3,1,1] = -\ 72904499/5460, renopev[2,1,1,4,1,1,2] = -107652017/5460, renopev[2,1,1,4,1,2,1] = -24893329/1820, renopev[2,1,1,4,2,1,1] = -\ 30218649/1820, renopev[2,1,1,5,1,1,1] = -17755762/1365, renopev[2,1,2,1,1,1,4] = -17980589/910, renopev[2,1,2,1,1,2,3] = -\ 13970583/910, renopev[2,1,2,1,1,3,2] = -6791235/364, renopev[2,1,2,1,1,4,1] = -16462613/1365, renopev[2,1,2,1,2,1,3] = -\ 15506403/910, renopev[2,1,2,1,2,2,2] = -1985775/91, renopev[2,1,2,1,2,3,1] = -24723159/1820, renopev[2,1,2,1,3,1,2] = -\ 90606703/5460, renopev[2,1,2,1,3,2,1] = -21310321/1820, renopev[2,1,2,1,4,1,1] = -7847821/546, renopev[2,1,2,2,1,1,3] = -\ 13970583/910, renopev[2,1,2,2,1,2,2] = -6791235/364, renopev[2,1,2,2,1,3,1] = -16462613/1365, renopev[2,1,2,2,2,1,2] = -\ 13970583/910, renopev[2,1,2,2,2,2,1] = -59835443/5460, renopev[2,1,2,2,3,1,1] = -4523697/364, renopev[2,1,2,3,1,1,2] = -\ 15506403/910, renopev[2,1,2,3,1,2,1] = -21822261/1820, renopev[2,1,2,3,2,1,1] = -5138025/364, renopev[2,1,2,4,1,1,1] = -\ 21310321/1820, renopev[2,1,3,1,1,1,3] = -15375987/910, renopev[2,1,3,1,1,2,2] = -7572015/364, renopev[2,1,3,1,1,3,1] = -\ 6042759/455, renopev[2,1,3,1,2,1,2] = -15375987/910, renopev[2,1,3,1,2,2,1] = -21801669/1820, renopev[2,1,3,1,3,1,1] = -\ 4992165/364, renopev[2,1,3,2,1,1,2] = -17692587/910, renopev[2,1,3,2,1,2,1] = -24633069/1820, renopev[2,1,3,2,2,1,1] = -\ 5918805/364, renopev[2,1,3,3,1,1,1] = -23860869/1820, renopev[2,1,4,1,1,1,2] = -8986153/546, renopev[2,1,4,1,1,2,1] = -\ 12758279/1092, renopev[2,1,4,1,2,1,1] = -72904499/5460, renopev[2,1,4,2,1,1,1] = -12758279/1092, renopev[2,1,5,1,1,1,1] = -\ 24893329/1820, renopev[2,2,1,1,1,1,4] = -21121909/910, renopev[2,2,1,1,1,2,3] = -16231023/910, renopev[2,2,1,1,1,3,2] = -\ 7959675/364, renopev[2,2,1,1,1,4,1] = -19112533/1365, renopev[2,2,1,1,2,1,3] = -18247323/910, renopev[2,2,1,1,2,2,2] = -\ 2367975/91, renopev[2,2,1,1,2,3,1] = -29123919/1820, renopev[2,2,1,1,3,1,2] = -106291463/5460, renopev[2,2,1,1,3,2,1] = -\ 24830201/1820, renopev[2,2,1,1,4,1,1] = -9284165/546, renopev[2,2,1,2,1,1,3] = -16231023/910, renopev[2,2,1,2,1,2,2] = -\ 7959675/364, renopev[2,2,1,2,1,3,1] = -19112533/1365, renopev[2,2,1,2,2,1,2] = -16231023/910, renopev[2,2,1,2,2,2,1] = -\ 69113803/5460, renopev[2,2,1,2,3,1,1] = -5259705/364, renopev[2,2,1,3,1,1,2] = -18247323/910, renopev[2,2,1,3,1,2,1] = -\ 25502301/1820, renopev[2,2,1,3,2,1,1] = -6066225/364, renopev[2,2,1,4,1,1,1] = -24830201/1820, renopev[2,2,2,1,1,1,3] = -\ 18717507/910, renopev[2,2,2,1,1,2,2] = -9341055/364, renopev[2,2,2,1,1,3,1] = -7353159/455, renopev[2,2,2,1,2,1,2] = -\ 18717507/910, renopev[2,2,2,1,2,2,1] = -26322549/1820, renopev[2,2,2,1,3,1,1] = -6088533/364, renopev[2,2,2,1,1,2,2] = -\ 22115187/910, renopev[2,2,2,2,1,2,1] = -30475269/1820, renopev[2,2,2,2,2,1,1] = -7447605/364, renopev[2,2,2,3,1,1,1] = -\



29342709/1820, renopez[2,2,3,1,1,1,2] = -10806881/546, renopez[2,2,3,1,1,2,1] = -15222559/1092, renopez[2,2,3,1,2,1,1] = -\ 47828499/5460, renopez[2,2,3,1,1,1,1] = -15222559/1092, renopez[2,2,4,1,1,1,1] = -30935729/1820, renopez[2,3,1,1,1,3] = -\ 8666589/2730, renopez[2,3,1,1,2,2] = -22851817/1092, renopez[2,3,1,1,3,1] = -18319013/1365, renopez[2,3,1,1,2,1,2] = -\ 4666589/2730, renopez[2,3,1,1,2,2,1] = -66300083/5460, renopez[2,3,1,1,3,1,1] = -15120275/1092, renopez[2,3,1,2,1,1,2] = -\ 52354129/2730, renopez[2,3,1,2,1,2,1] = -24417581/1820, renopez[2,3,1,2,2,1,1] = -17395691/1092, renopez[2,3,1,3,1,1,1] = -\ 23785521/1820, renopez[2,3,2,1,1,1,2] = -4666589/2730, renopez[2,3,2,1,1,2,1] = -66300083/5460, renopez[2,3,2,1,2,1,1] = -\ 15120275/1092, renopez[2,3,2,2,1,1,1] = -66300083/5460, renopez[2,3,3,1,1,1,1] = -24417581/1820, renopez[2,4,1,1,1,1,2] = -\ 18954107/910, renopez[2,4,1,1,1,2,1] = -26595549/1820, renopez[2,4,1,1,2,1,1] = -18517487/1092, renopez[2,4,1,2,1,1,1] = -\ 26595549/1820, renopez[2,4,2,1,1,1,1] = -31188709/1820, renopez[2,5,1,1,1,1,1] = -14959751/1092, renopez[3,1,1,1,1,1,4] = -\ 10161623/546, renopez[3,1,1,1,2,3] = -39522841/2730, renopez[3,1,1,1,1,3,2] = -95973593/5460, renopez[3,1,1,1,4,1] = -\ 15526781/1365, renopez[3,1,1,1,2,1,3] = -6260203/390, renopez[3,1,1,1,2,2,2] = -4003331/195, renopez[3,1,1,1,2,3,1] = -\ 3327069/260, renopez[3,1,1,1,3,1,2] = -28458049/1820, renopez[3,1,1,1,3,2,1] = -20095149/1820, renopez[3,1,1,1,4,1,1] = -\ 36949309/2730, renopez[3,1,1,2,1,1,3] = -39522841/2730, renopez[3,1,1,2,1,2,2] = -95973593/5460, renopez[3,1,1,2,1,3,1] = -\ 15526781/1365, renopez[3,1,1,2,2,1,2] = -39522841/2730, renopez[3,1,1,2,2,2,1] = -56464487/5460, renopez[3,1,1,2,3,1,1] = -\ 63988003/5460, renopez[3,1,1,3,1,1,2] = -6260203/390, renopez[3,1,1,3,1,2,1] = -2938967/260, renopez[3,1,1,3,2,1,1] = -\ 10369309/780, renopez[3,1,1,4,1,1,1] = -20095149/1820, renopez[3,1,2,1,1,1,3] = -43414729/2730, renopez[3,1,2,1,1,2,2] = -\ 106784393/5460, renopez[3,1,2,1,1,3,1] = -17064317/1365, renopez[3,1,2,1,2,1,2] = -43414729/2730, renopez[3,1,2,1,2,2,1] = -\ 61605623/5460, renopez[3,1,2,1,3,1,1] = -70474483/5460, renopez[3,1,2,2,1,1,2] = -7125067/390, renopez[3,1,2,2,1,1,1] = -\ 3309623/260, renopez[3,1,2,2,2,1,1] = -11913709/780, renopez[3,1,2,3,1,1,1] = -22449501/1820, renopez[3,1,3,1,1,1,2] = -\ 8461925/546, renopez[3,1,3,1,1,2,1] = -12023227/1092, renopez[3,1,3,1,2,1,1] = -68648659/5460, renopez[3,1,3,2,1,1,1] = -\ 95973593/5460, renopez[3,2,1,1,1,3,1] = -15526781/1365, renopez[3,2,1,1,2,1,2] = -39522841/2730, renopez[3,2,1,1,2,2,1] = -\ 56464487/5460, renopez[3,2,1,1,3,1,1] = -63988003/5460, renopez[3,2,1,2,1,1,2] = -6260203/390, renopez[3,2,1,2,1,2,1] = -\ 2938967/260, renopez[3,2,1,2,2,1,1] = -10369309/780, renopez[3,2,1,3,1,1,1] = -20095149/1820, renopez[3,2,1,1,2,2] = -\ 39522841/2730, renopez[3,2,1,1,1,2,1] = -56464487/5460, renopez[3,2,2,1,2,1,1] = -63988003/5460, renopez[3,2,2,1,1,1] = -\ 56464487/5460, renopez[3,2,3,1,1,1,1] = -2938967/260, renopez[3,3,1,1,1,1,2] = -43414729/2730, renopez[3,3,1,1,2,1,1] = -\ 61605623/5460, renopez[3,3,1,1,2,1,1] = -70474483/5460, renopez[3,3,1,2,1,1,1] = -61605623/5460, renopez[3,3,2,1,1,1,1] = -\ 3309623/260, renopez[3,4,1,1,1,1,1] = -12023227/1092, renopez[4,1,1,1,1,1,3] = -9840221/546, renopez[4,1,1,1,1,2,2] = -\ 120951737/5460, renopez[4,1,1,1,1,1,2,1] = -6436407/455, renopez[4,1,1,1,2,1,2] = -9840221/546, renopez[4,1,1,2,2,1,1] = -\ 4648025/364, renopez[4,1,1,1,3,1,1] = -79742387/5460, renopez[4,1,1,2,1,1,2] = -11106629/546, renopez[4,1,1,2,1,2,1] = -\ 5163969/364, renopez[4,1,1,2,2,1,1] = -92406467/5460, renopez[4,1,1,3,1,1,1] = -5023257/364, renopez[4,1,2,1,1,1,2] = -\ 9840221/546, renopez[4,1,2,1,1,2,1] = -4648025/364, renopez[4,1,2,1,2,1,1] = -79742387/5460, renopez[4,1,2,2,1,1,1] = -\ 4648025/364, renopez[4,1,3,1,1,1,1] = -5163969/364, renopez[4,2,1,1,1,1,2] = -57633529/2730, renopez[4,2,1,1,2,1,1] = -\ 80859503/5460, renopez[4,2,1,1,2,1,1] = -93796427/5460, renopez[4,2,1,2,1,1,1] = -80859503/5460, renopez[4,2,2,1,1,1,1] = -\ 31441461/1820, renopez[4,3,1,1,1,1,1] = -77632279/5460, renopez[5,1,1,1,1,1,2] = -9086101/546, renopez[5,1,1,1,1,2,1] = -\ 4299129/364, renopez[5,1,1,1,2,1,1] = -4907737/364, renopez[5,1,1,2,1,1,1] = -4299129/364, renopez[5,1,2,1,1,1,1] = -\ 14281627/1092, renopez[5,2,1,1,1,1,1] = -4299129/364, renopez[6,1,1,1,1,1,1] = -27408529/1820, renopez[1,1,1,1,1,1,1,5] = 416115/26, renopez[1,1,1,1,1,1,2,4] = 3414735/182, renopez[1,1,1,1,1,1,3,3] = 4905405/364, renopez[1,1,1,1,1,1,4,2] = 1646235/91, renopez[1,1,1,1,1,1,5,1] = 1000395/91, renopez[1,1,1,1,1,2,1,4] = 416115/26, renopez[1,1,1,1,1,2,2,3] = 326025/26, renopez[1,1,1,1,1,2,3,2] = 787185/52, renopez[1,1,1,1,1,2,4,1] = 128205/13, renopez[1,1,1,1,1,3,1,3] = 2513835/182, renopez[1,1,1,1,1,3,2,2] = 1594755/91, renopez[1,1,1,1,1,3,3,1] = 4008015/364, renopez[1,1,1,1,1,4,1,2] = 4905405/364, renopez[1,1,1,1,1,4,2,1] = 3480345/364, renopez[1,1,1,1,1,5,1,1] = 2114475/182, renopez[1,1,1,1,2,1,1,4] = 2291643/130, renopez[1,1,1,1,2,1,2,3] = 1769121/130, renopez[1,1,1,1,2,1,3,2] = 864405/52, renopez[1,1,1,1,2,1,4,1] = 695937/65, renopez[1,1,1,1,2,2,1,3] = 14082687/910, renopez[1,1,1,1,2,2,2,2] = 7324965/364, renopez[1,1,1,1,2,2,3,1] = 11276793/910, renopez[1,1,1,1,2,3,1,2] = 6817191/455, renopez[1,1,1,1,2,3,2,1] = 19167489/1820, renopez[1,1,1,1,2,4,1,1] = 4802523/364, renopez[1,1,1,1,3,1,1,3] = 1729653/130, renopez[1,1,1,1,3,1,2,2] = 2108031/130, renopez[1,1,1,1,3,1,3,1] = 2721543/260, renopez[1,1,1,1,3,2,1,2] = 1729653/130, renopez[1,1,1,1,3,2,2,1] = 2469291/260, renopez[1,1,1,1,3,3,1,1] = 2805627/260, renopez[1,1,1,1,4,1,1,2] = 28510719/1820, renopez[1,1,1,1,4,1,2,1] = 19913949/1820, renopez[1,1,1,1,4,2,1,1] = 23925957/1820, renopez[1,1,1,1,5,1,1,1] = 951918/91, renopez[1,1,1,1,2,1,1,4] = 416115/26, renopez[1,1,1,1,2,1,1,2,3] = 326025/26, renopez[1,1,1,1,2,1,1,3,2] = 787185/52, renopez[1,1,1,1,2,1,4,1] = 128205/13, renopez[1,1,1,1,2,1,2,1,3] = 2513835/182, renopez[1,1,1,1,2,1,2,2,2] = 1594755/91, renopez[1,1,1,1,2,1,2,3,1] = 4008015/364, renopez[1,1,1,1,2,1,3,1,2] = 4905405/364, renopez[1,1,1,1,2,1,3,2,1] = 3480345/364, renopez[1,1,1,1,2,1,4,1,1] = 2114475/182, renopez[1,1,1,1,2,2,1,3] = 326025/26, renopez[1,1,1,1,2,2,1,2,2] = 787185/52, renopez[1,1,1,1,2,2,1,3,1] = 128205/13, renopez[1,1,1,1,2,2,2,1,2] = 326025/26, renopez[1,1,1,1,2,2,2,2,1] = 467775/52, renopez[1,1,1,1,2,2,3,1,1] = 527835/52, renopez[1,1,1,1,2,3,1,1,2] = 2513835/182, renopez[1,1,1,1,2,3,1,2,1] = 3557565/364, renopez[1,1,1,1,2,3,2,1,1] = 4158165/364, renopez[1,1,1,1,2,4,1,1,2] = 3480345/364, renopez[1,1,1,1,3,1,1,1,3] = 1769121/130, renopez[1,1,1,1,3,1,1,2,2] = 864405/52, renopez[1,1,1,1,3,1,3,1] = 695937/65, renopez[1,1,1,1,3,1,2,1,2] = 1769121/130, renopez[1,1,1,1,3,1,2,2,1] = 2522487/260, renopez[1,1,1,1,3,1,3,1,1] = 574167/52, renopez[1,1,1,1,3,2,1,1,2] = 14082687/910, renopez[1,1,1,3,2,1,2,1] = 19733769/1820, renopez[1,1,1,3,2,2,1,1] = 4698705/364, renopez[1,1,1,3,3,1,1,1] = 19167489/1820, renopez[1,1,1,4,1,1,1,2] = 1729653/130, renopez[1,1,1,4,1,1,2,1] = 2469291/260, renopez[1,1,1,4,1,2,1,1] = 2805627/260, renopez[1,1,1,4,2,1,1,1] = 2469291/260, renopez[1,1,1,5,1,1,1,1] = 19913949/1820, renopez[1,1,2,1,1,1,1,4] = 460991/26, renopez[1,1,2,1,1,1,2,3] = 358317/26, renopez[1,1,2,1,1,1,3,2] = 870645/52, renopez[1,1,2,1,1,1,4,1] = 422471/39, renopez[1,1,2,1,1,2,1,3] = 2787927/182, renopez[1,1,2,1,1,2,2,2] = 1785855/91, renopez[1,1,2,1,1,2,3,1] = 4448091/364, renopez[1,1,2,1,1,3,1,2] = 16284691/1092, renopez[1,1,2,1,1,3,2,1] = 3832333/364, renopez[1,1,2,1,1,4,1,1] = 7061597/546, renopez[1,1,2,1,2,1,1,3] = 358317/26, renopez[1,1,2,1,2,1,2,2] = 870645/52, renopez[1,1,2,1,2,1,3,1] = 422471/39, renopez[1,1,2,1,2,2,1,2] = 358317/26, renopez[1,1,2,1,2,2,2,1] = 1535873/156, renopez[1,1,2,1,2,3,1,1] = 580407/52, renopez[1,1,2,1,3,1,1,2] = 2787927/182, renopez[1,1,2,1,3,1,2,1] = 3925569/364, renopez[1,1,2,1,3,2,1,1] = 4622265/364, renopez[1,1,2,1,4,1,1,1] = 3832333/364, renopez[1,1,2,2,1,1,1,3] = 2007801/130, renopez[1,1,2,2,1,1,2,2] = 990765/52, renopez[1,1,2,2,1,1,3,1] = 789537/65, renopez[1,1,2,2,1,2,1,2] = 2007801/130, renopez[1,1,2,2,1,2,2,1] = 2845407/260, renopez[1,1,2,2,1,3,1,1] = 652479/52, renopez[1,1,2,2,2,1,1,2] = 16293987/910, renopez[1,1,2,2,2,1,2,1] = 22654869/1820, renopez[1,1,2,2,2,2,1,1] = 5463105/364, renopez[1,1,2,2,3,1,1,1] = 21908409/1820, renopez[1,1,2,3,1,1,1,2] = 5839219/390, renopez[1,1,2,3,1,1,2,1] = 8287973/780, renopez[1,1,2,3,1,2,1,1] = 9482881/780, renopez[1,1,2,3,2,1,1,1] = 8287973/780, renopez[1,1,2,4,1,1,1,1] = 22935149/1820, renopez[1,1,3,1,1,1,1,3] = 1045987/78, renopez[1,1,3,1,1,1,2,2] = 2538563/156, renopez[1,1,3,1,1,1,3,1] = 137045/13, renopez[1,1,3,1,1,2,1,2] = 1045987/78, renopez[1,1,3,1,1,2,2,1] = 498559/52, renopez[1,1,3,1,1,3,1,1] = 1694161/156, renopez[1,1,3,1,2,1,1,2] = 8124997/546, renopez[1,1,3,1,2,1,1,1] = 3817097/364, renopez[1,1,3,1,2,2,1,1] = 13465303/1092, renopez[1,1,3,1,3,1,1,1] = 3727865/364, renopez[1,1,3,2,1,1,1,2] = 1045987/78, renopez[1,1,3,2,1,1,2,1] = 498559/52, renopez[1,1,3,2,1,2,1,1] = 1694161/156, renopez[1,1,3,2,2,1,1,1] = 498559/52, renopez[1,1,3,3,1,1,1,1] = 3817097/364, renopez[1,1,4,1,1,1,1,2] = 2024701/130, renopez[1,1,4,1,1,1,2,1] = 2864907/260, renopez[1,1,4,1,1,2,1,1] = 1975429/156, renopez[1,1,4,1,2,1,1,1] = 2864907/260, renopez[1,1,4,2,1,1,1,1] = 23011589/1820, renopez[1,1,5,1,1,1,1,1] = 2731371/260, renopez[1,2,1,1,1,1,1,4] = 416115/26, renopez[1,2,1,1,1,1,2,3] = 326025/26, renopez[1,2,1,1,1,1,3,2] = 787185/52, renopez[1,2,1,1,1,1,4,1] = 128205/13, renopez[1,2,1,1,1,2,1,3] = 2513835/

182, renopez[1,2,1,1,2,2,2] = 1594755/91, renopez[1,2,1,1,1,2,3,1] = 4008015/364, renopez[1,2,1,1,1,3,1,2] = 4905405/364, renopez[1,2,1,1,1,3,2,1] = 3480345/364, renopez[1,2,1,1,1,4,1,1] = 2114475/182, renopez[1,2,1,1,2,1,1,3] = 326025/26, renopez[1,2,1,1,2,1,2,2] = 787185/52, renopez[1,2,1,1,2,1,3,1] = 128205/13, renopez[1,2,1,1,2,2,1,2] = 326025/26, renopez[1,2,1,1,2,2,2,1] = 467775/52, renopez[1,2,1,1,2,3,1,1] = 527835/52, renopez[1,2,1,1,3,1,1,2] = 2513835/182, renopez[1,2,1,1,3,1,2,1] = 3557565/364, renopez[1,2,1,1,3,2,1,1] = 4158165/364, renopez[1,2,1,1,4,1,1,1] = 3480345/364, renopez[1,2,1,2,1,1,1,3] = 1769121/130, renopez[1,2,1,2,1,1,2,2] = 864405/52, renopez[1,2,1,2,1,1,3,1] = 695937/65, renopez[1,2,1,2,1,2,1,2] = 1769121/130, renopez[1,2,1,2,1,2,2,1] = 2522487/260, renopez[1,2,1,2,1,3,1,1] = 574167/52, renopez[1,2,1,2,2,1,1,2] = 14082687/910, renopez[1,2,1,2,2,1,2,1] = 19733769/1820, renopez[1,2,1,2,2,2,1,1] = 4698705/364, renopez[1,2,1,2,3,1,1,1] = 19167489/1820, renopez[1,2,1,3,1,1,1,2] = 1729653/130, renopez[1,2,1,3,1,1,2,1] = 2469291/260, renopez[1,2,1,3,1,2,1,1] = 2805627/260, renopez[1,2,1,3,2,1,1,1] = 2469291/260, renopez[1,2,1,4,1,1,1,1] = 19913949/1820, renopez[1,2,2,1,1,1,1,3] = 326025/26, renopez[1,2,2,1,1,1,2,2] = 787185/52, renopez[1,2,2,1,1,1,3,1] = 128205/13, renopez[1,2,2,1,1,2,1,2] = 326025/26, renopez[1,2,2,1,1,2,2,1] = 467775/52, renopez[1,2,2,1,1,3,1,1] = 527835/52, renopez[1,2,2,1,2,1,1,2] = 2513835/182, renopez[1,2,2,1,2,1,2,1] = 3557565/364, renopez[1,2,2,1,2,2,1,1] = 4158165/364, renopez[1,2,2,1,3,1,1,1] = 3480345/364, renopez[1,2,2,2,1,1,1,2] = 326025/26, renopez[1,2,2,2,1,1,2,1] = 467775/52, renopez[1,2,2,2,1,2,1,1] = 527835/52, renopez[1,2,2,2,1,2,2,1] = 2513835/182, renopez[1,2,2,3,1,1,1,1] = 3557565/364, renopez[1,2,3,1,1,1,1,2] = 1769121/130, renopez[1,2,3,1,1,1,2,1] = 2522487/260, renopez[1,2,3,1,1,2,1,1] = 574167/52, renopez[1,2,3,1,2,1,1,1] = 2522487/260, renopez[1,2,3,2,1,1,1,1] = 19733769/1820, renopez[1,2,4,1,1,1,1,1] = 2469291/260, renopez[1,3,1,1,1,1,1,3] = 358317/26, renopez[1,3,1,1,1,1,2,2] = 870645/52, renopez[1,3,1,1,1,1,1,1] = 422471/39, renopez[1,3,1,1,1,2,1,2] = 358317/26, renopez[1,3,1,1,1,2,2,1] = 1535873/156, renopez[1,3,1,1,1,3,1,1] = 580407/52, renopez[1,3,1,1,2,1,1,2] = 2787927/182, renopez[1,3,1,1,2,1,2,1] = 3925569/364, renopez[1,3,1,1,2,2,1,1] = 4622265/364, renopez[1,3,1,1,3,1,1,1] = 3832333/364, renopez[1,3,1,2,1,1,1,2] = 358317/26, renopez[1,3,1,2,1,1,2,1] = 1535873/156, renopez[1,3,1,2,1,2,1,1] = 580407/52, renopez[1,3,1,2,2,1,1,1] = 580407/52, renopez[1,3,1,2,2,1,1,1] = 1535873/156, renopez[1,3,2,1,1,1,1,1] = 3925569/364, renopez[1,3,2,1,1,1,1,2] = 2007801/130, renopez[1,3,2,1,1,1,2,1] = 2845407/260, renopez[1,3,2,1,1,2,1,1] = 652479/52, renopez[1,3,2,1,2,1,1,1] = 2845407/260, renopez[1,3,2,2,1,1,1,1] = 22654869/1820, renopez[1,3,3,1,1,1,1,1] = 8287973/780, renopez[1,4,1,1,1,1,1,1,1] = 9255987/78, renopez[1,4,1,1,1,1,1,2,1] = 498559/52, renopez[1,4,1,1,1,2,1,1] = 1694161/156, renopez[1,4,1,2,1,1,1,1] = 498559/52, renopez[1,4,1,2,1,1,1,1] = 3817097/364, renopez[1,4,2,1,1,1,1,1,1] = 498559/52, renopez[1,5,1,1,1,1,1,1,1] = 2864907/260, renopez[2,1,1,1,1,1,1,4] = 17980589/910, renopez[2,1,1,1,1,1,1,2,3] = 13970583/910, renopez[2,1,1,1,1,1,3,2] = 6791235/364, renopez[2,1,1,1,1,1,4,1] = 16462613/1365, renopez[2,1,1,1,1,2,1,3] = 15506403/910, renopez[2,1,1,1,1,2,2,2] = 1985775/91, renopez[2,1,1,1,2,3,1] = 24723159/1820, renopez[2,1,1,1,3,1,1,2] = 90606703/5460, renopez[2,1,1,1,1,3,2,1] = 21310321/1820, renopez[2,1,1,1,4,1,1] = 7847821/546, renopez[2,1,1,2,1,1,1,3] = 13970583/910, renopez[2,1,1,1,2,1,2,2] = 6791235/364, renopez[2,1,1,1,2,1,3,1] = 16462613/1365, renopez[2,1,1,1,2,2,1,2] = 13970583/910, renopez[2,1,1,1,2,2,2,1] = 59835443/5460, renopez[2,1,1,1,2,3,1,1] = 4523697/364, renopez[2,1,1,1,3,1,1,2] = 15506403/910, renopez[2,1,1,1,3,1,2,1] = 21822261/1820, renopez[2,1,1,1,3,2,1,1] = 5138025/364, renopez[2,1,1,1,4,1,1,1] = 21310321/1820, renopez[2,1,1,2,1,1,1,3] = 15375987/910, renopez[2,1,1,2,1,1,2,2] = 7572015/364, renopez[2,1,1,2,1,1,3,1] = 6042759/455, renopez[2,1,1,2,1,2,1,2] = 15375987/910, renopez[2,1,1,2,1,2,2,1] = 21801669/1820, renopez[2,1,1,2,1,3,1,1] = 4992165/364, renopez[2,1,1,2,1,1,2,2] = 17692587/910, renopez[2,1,1,2,2,1,2,1] = 24633069/1820, renopez[2,1,1,2,2,1,1,1] = 5918805/364, renopez[2,1,1,2,3,1,1,1] = 23860869/1820, renopez[2,1,1,3,1,1,1,2] = 8986153/546, renopez[2,1,1,3,1,1,2,1] = 12758279/1092, renopez[2,1,1,3,1,2,1,1] = 72904499/5460, renopez[2,1,1,3,2,1,1,1] = 12758279/1092, renopez[2,1,1,4,1,1,1,1] = 24893329/1820, renopez[2,1,2,1,1,1,1,3] = 13970583/910, renopez[2,1,2,1,1,1,2,2] = 6791235/364, renopez[2,1,2,1,1,1,3,1] = 16462613/1365, renopez[2,1,2,1,1,2,1,2] = 13970583/910, renopez[2,1,2,1,1,2,2,1] = 59835443/5460, renopez[2,1,2,1,1,3,1,1] = 4523697/364, renopez[2,1,2,1,2,1,1,1] = 59835443/5460, renopez[2,1,2,2,1,1,1,1] = 21822261/1820, renopez[2,1,3,1,1,1,1,2] = 15375987/910, renopez[2,1,3,1,1,2,1] = 21801669/1820, renopez[2,1,3,1,1,2,1,1] = 4992165/364, renopez[2,1,3,1,1,1,1] = 21801669/1820, renopez[2,1,3,2,1,1,1,1] = 24633069/1820, renopez[2,1,4,1,1,1,1,1] = 12758279/1092, renopez[2,2,1,1,1,1,1,3] = 16231023/910, renopez[2,2,1,1,1,1,2,2] = 7959675/364, renopez[2,2,1,1,1,1,3,1] = 19112533/1365, renopez[2,2,1,1,1,2,1,2] = 16231023/910, renopez[2,2,1,1,1,2,2,1] = 69113803/5460, renopez[2,2,1,1,1,3,1,1] = 5259705/364, renopez[2,2,1,1,2,1,1,2] = 18247323/910, renopez[2,2,1,1,2,1,2,1] = 25502301/1820, renopez[2,2,1,1,2,2,1,1] = 6066225/364, renopez[2,2,1,1,3,1,1,1] = 24830201/1820, renopez[2,2,1,2,1,1,1,2] = 16231023/910, renopez[2,2,1,2,1,1,2,1] = 69113803/5460, renopez[2,2,1,2,1,2,1,1] = 5259705/364, renopez[2,2,1,2,2,1,1,1] = 69113803/5460, renopez[2,2,1,3,1,1,1,1] = 25502301/1820, renopez[2,2,2,1,1,1,1,2] = 18717507/910, renopez[2,2,2,1,1,1,2,1] = 26322549/1820, renopez[2,2,2,1,1,2,1,1] = 6088533/364, renopez[2,2,2,1,2,1,1,1] = 26322549/1820, renopez[2,2,2,1,1,1,1,1] = 30475269/1820, renopez[2,2,3,1,1,1,1,1] = 15222559/1092, renopez[2,3,1,1,1,1,1,2] = 46665589/2730, renopez[2,3,1,1,1,1,2,1] = 66300083/5460, renopez[2,3,1,1,1,2,1,1] = 15120275/1092, renopez[2,3,1,1,2,1,1,1] = 66300083/5460, renopez[2,3,1,2,1,1,1,1] = 24417581/1820, renopez[2,3,2,1,1,1,1,1] = 66300083/5460, renopez[2,4,1,1,1,1,1,1] = 26595549/1820, renopez[3,1,1,1,1,1,1,3] = 39522841/2730, renopez[3,1,1,1,1,1,2,2] = 95973593/5460, renopez[3,1,1,1,1,1,1,3,1] = 15526781/1365, renopez[3,1,1,1,1,2,1,2] = 39522841/2730, renopez[3,1,1,1,1,2,2,1] = 56464487/5460, renopez[3,1,1,1,1,3,1,1] = 63988003/5460, renopez[3,1,1,1,2,1,1,2] = 6260203/390, renopez[3,1,1,1,2,1,2,1] = 2938967/260, renopez[3,1,1,1,2,2,1,1] = 10369309/780, renopez[3,1,1,1,3,1,1,1] = 20095149/1820, renopez[3,1,1,2,1,1,1,2] = 39522841/2730, renopez[3,1,1,2,1,1,2,1] = 56464487/5460, renopez[3,1,1,2,1,2,1,1] = 63988003/5460, renopez[3,1,1,2,1,1,2,2] = 39522841/2730, renopez[3,1,1,2,1,1,1,2] = 56464487/5460, renopez[3,1,1,2,1,1,1,1] = 43414729/2730, renopez[3,1,2,1,1,1,1,2,1] = 61605623/5460, renopez[3,1,2,1,1,1,1,1] = 70474483/5460, renopez[3,1,2,1,2,1,1,1] = 61605623/5460, renopez[3,1,2,2,1,1,1,1] = 3309623/260, renopez[3,1,3,1,1,1,1,1] = 12023227/1092, renopez[3,2,1,1,1,1,1,2] = 39522841/2730, renopez[3,2,1,1,1,1,2,1] = 56464487/5460, renopez[3,2,1,1,1,2,1,1] = 56464487/5460, renopez[3,2,1,1,2,1,1,1] = 56464487/5460, renopez[3,2,1,1,1,1,1,1] = 61605623/5460, renopez[3,2,1,1,1,1,1,2] = 9840221/546, renopez[4,1,1,1,1,1,2,1] = 4648025/364, renopez[4,1,1,1,1,2,1,1] = 79742387/5460, renopez[4,1,1,1,2,1,1,1] = 4648025/364, renopez[4,1,1,1,1,1,1,1] = 5163969/364, renopez[4,1,2,1,1,1,1,1] = 4648025/364, renopez[4,2,1,1,1,1,1,1] = 80859503/5460, renopez[5,1,1,1,1,1,1,1] = 4299129/364, renopez[1,1,1,1,1,1,1,4] = -416115/26, renopez[1,1,1,1,1,1,1,2,3] = -326025/26, renopez[1,1,1,1,1,1,1,3,2] = -787185/52, renopez[1,1,1,1,1,1,1,4,1] = -128205/13, renopez[1,1,1,1,1,1,2,1,3] = -2513835/182, renopez[1,1,1,1,1,1,2,2,2] = -1594755/91, renopez[1,1,1,1,1,1,2,3,1] = -4008015/364, renopez[1,1,1,1,1,1,1,3,1,2] = -4905405/364, renopez[1,1,1,1,1,1,3,2,1] = -3480345/364, renopez[1,1,1,1,1,1,4,1,1] = -2114475/182, renopez[1,1,1,1,1,1,2,1,1,3] = -326025/26, renopez[1,1,1,1,1,1,2,2,2,1] = -467775/52, renopez[1,1,1,1,1,1,2,3,1,1] = -527835/52, renopez[1,1,1,1,1,1,1,3,1,1,2] = -2513835/182, renopez[1,1,1,1,1,1,3,1,2,1] = -3557565/364, renopez[1,1,1,1,1,1,3,2,1,1] = -4158165/364, renopez[1,1,1,1,1,1,4,1,1,1] = -3480345/364, renopez[1,1,1,1,2,1,1,1,3] = -1769121/130, renopez[1,1,1,1,2,1,1,2,2] = -864405/52, renopez[1,1,1,1,2,1,1,1,3,1] = -695937/65, renopez[1,1,1,1,2,1,2,1,2] = -1769121/130, renopez[1,1,1,1,2,1,2,2,1] = -2522487/260, renopez[1,1,1,1,2,1,3,1,1] = -574167/52, renopez[1,1,1,1,2,2,1,1,2] = -14082687/910, renopez[1,1,1,1,2,2,1,2,1] = -19733769/1820, renopez[1,1,1,1,2,2,2,1,1] = -4698705/364, renopez[1,1,1,1,2,3,1,1,1] = -19167489/1820, renopez[1,1,1,1,3,1,1,1,2] = -1729653/130, renopez[1,1,1,1,3,1,1,2,1] = -2469291/260, renopez[1,1,1,1,3,1,2,1,1] = -2805627/260, renopez[1,1,1,1,3,2,1,1,1] = -2469291/260, renopez[1,1,1,1,4,1,1,1,1] = -19913949/1820, renopez[1,1,1,1,2,1,1,1,3] = -326025/26, renopez[1,1,1,2,1,1,1,2,2] = -787185/52, renopez[1,1,1,2,1,1,1,3,1] = -128205/13, renopez[1,1,1,2,1,1,1,2,1,2] = -787185/52, renopez[1,1,1,2,1,1,1,3,1,1] = -128205/13, renopez[1,1,1,2,1,1,2,1,2] = -326025/26, renopez[1,1,1,2,1,1,2,1,1,2] = -326025/26, renopez[1,1,1,2,1,1,2,1,1,2]

,2,1] = -467775/52, renopev[1,1,1,2,1,3,1,1] = -527835/52, renopev[1,1,1,2,1,2,1,1,2] = -2513835/182, renopev[1,1,1,2,1,2,1,2,1,1] = -3557565/364, renopev[1,1,1,2,1,2,2,1,1,1] = -4158165/364, renopev[1,1,1,2,1,3,1,1,1,1] = -3480345/364, renopev[1,1,1,2,2,1,1,1,1,1] = -326025/26, renopev[1,1,1,2,2,1,1,2,1,1] = -467775/52, renopev[1,1,1,2,2,1,2,1,1,1] = -527835/52, renopev[1,1,1,2,2,2,1,1,1,1] = -467775/52, renopev[1,1,1,2,3,1,1,1,1,1] = -3557565/364, renopev[1,1,1,3,1,1,1,1,1,2] = -1769121/130, renopev[1,1,1,3,1,1,1,2,1,1] = -2522487/260, renopev[1,1,1,3,1,1,2,1,1,1] = -574167/52, renopev[1,1,1,3,1,2,1,1,1,1] = -2522487/260, renopev[1,1,1,3,2,1,1,1,1,1] = -19733769/1820, renopev[1,1,1,4,1,1,1,1,1,1] = -2469291/260, renopev[1,1,2,1,1,1,1,1,3] = -358317/26, renopev[1,1,2,1,1,1,1,2,2] = -870645/52, renopev[1,1,2,1,1,1,3,1,1] = -422471/39, renopev[1,1,2,1,1,2,1,2] = -358317/26, renopev[1,1,2,1,1,2,2,1] = -1535873/156, renopev[1,1,2,1,1,3,1,1,1] = -580407/52, renopev[1,1,2,1,1,2,1,1,2] = -2787927/182, renopev[1,1,2,1,1,2,1,2,1] = -3925569/364, renopev[1,1,2,1,1,2,2,1,1] = -4622265/364, renopev[1,1,2,1,1,3,1,1,1] = -3832333/364, renopev[1,1,2,1,2,1,1,2] = -358317/26, renopev[1,1,2,1,2,1,1,2,1] = -1535873/156, renopev[1,1,2,1,2,1,2,1,1] = -580407/52, renopev[1,1,2,1,2,2,1,1,1] = -1535873/156, renopev[1,1,2,1,3,1,1,1,1] = -3925569/364, renopev[1,1,2,1,1,1,1,2] = -2007801/130, renopev[1,1,2,2,1,1,1,2,1] = -2845407/260, renopev[1,1,2,2,1,1,2,1,1] = -652479/52, renopev[1,1,2,2,1,2,1,1,1] = -2845407/260, renopev[1,1,2,2,2,1,1,1,1] = -22654869/1820, renopev[1,1,2,3,1,1,1,1,1] = -8287973/780, renopev[1,1,3,1,1,1,1,1,2] = -1045987/78, renopev[1,1,3,1,1,1,2,1,1] = -498559/52, renopev[1,1,3,1,1,1,2,1,1] = -1694161/156, renopev[1,1,3,1,1,2,1,1,1] = -498559/52, renopev[1,1,3,1,2,1,1,1,1] = -3817097/364, renopev[1,1,3,2,1,1,1,1,1] = -498559/52, renopev[1,1,4,1,1,1,1,1,1] = -2864907/260, renopev[1,2,1,1,1,1,1,3] = -326025/26, renopev[1,2,1,1,1,1,2,2] = -787185/52, renopev[1,2,1,1,1,1,3,1,1] = -128205/13, renopev[1,2,1,1,1,2,1,2] = -326025/26, renopev[1,2,1,1,1,2,2,1] = -467775/52, renopev[1,2,1,1,1,3,1,1] = -527835/52, renopev[1,2,1,1,2,1,1,2] = -2513835/182, renopev[1,2,1,1,2,1,2,1] = -3557565/364, renopev[1,2,1,1,2,2,1,1] = -4158165/364, renopev[1,2,1,1,3,1,1,1] = -3480345/364, renopev[1,2,1,1,2,1,1,2] = -326025/26, renopev[1,2,1,1,2,1,2,1] = -467775/52, renopev[1,2,1,1,2,1,2,1,1] = -527835/52, renopev[1,2,1,1,2,2,1,1,1] = -467775/52, renopev[1,2,1,1,3,1,1,1,1] = -3557565/364, renopev[1,2,1,1,1,1,2] = -1769121/130, renopev[1,2,1,1,1,2,1,1] = -2522487/260, renopev[1,2,1,1,2,1,1,1,1] = -19733769/1820, renopev[1,2,1,3,1,1,1,1,1] = -2469291/260, renopev[1,2,2,1,1,1,1,1,2] = -326025/26, renopev[1,2,2,1,1,1,1,2,1] = -467775/52, renopev[1,2,2,1,1,2,1,1,1] = -527835/52, renopev[1,2,2,1,1,2,1,1,1] = -467775/52, renopev[1,2,2,1,1,1,1,1,1] = -3557565/364, renopev[1,2,2,2,1,1,1,1,1] = -467775/52, renopev[1,2,3,1,1,1,1,1,1] = -2522487/260, renopev[1,3,1,1,1,1,1,2] = -358317/26, renopev[1,3,1,1,1,2,1,1] = -1535873/156, renopev[1,3,1,1,1,2,1,1] = -580407/52, renopev[1,3,1,1,2,1,1] = -1535873/156, renopev[1,3,1,1,2,1,1,1] = -3925569/364, renopev[1,3,1,2,1,1,1,1,1] = -1535873/156, renopev[1,3,2,1,1,1,1,1,1] = -2845407/260, renopev[1,4,1,1,1,1,1,1,1] = -498559/52, renopev[2,1,1,1,1,1,1,3] = -13970583/910, renopev[2,1,1,1,1,1,2,1] = -6791235/364, renopev[2,1,1,1,1,1,3,1] = -16462613/1365, renopev[2,1,1,1,1,2,1,2] = -13970583/910, renopev[2,1,1,1,1,2,2,1] = -59835443/5460, renopev[2,1,1,1,1,3,1,1] = -4523697/364, renopev[2,1,1,1,2,1,1,2] = -15506403/910, renopev[2,1,1,1,2,1,2,1] = -21822261/1820, renopev[2,1,1,1,2,2,1,1] = -5138025/364, renopev[2,1,1,1,3,1,1,1] = -21310321/1820, renopev[2,1,1,1,2,1,1,2] = -13970583/910, renopev[2,1,1,1,2,1,2,1] = -59835443/5460, renopev[2,1,1,1,2,1,2,1,1] = -4523697/364, renopev[2,1,1,1,2,2,1,1,1] = -59835443/5460, renopev[2,1,1,1,3,1,1,1,1] = -21822261/1820, renopev[2,1,1,2,1,1,1,1,2] = -15375987/910, renopev[2,1,1,2,1,1,1,2,1] = -21801669/1820, renopev[2,1,1,2,1,1,2,1,1] = -4992165/364, renopev[2,1,1,2,1,2,1,1,1] = -21801669/1820, renopev[2,1,1,2,2,1,1,1,1] = -24633069/1820, renopev[2,1,1,3,1,1,1,1,1] = -12758279/1092, renopev[2,1,2,1,1,1,1,1,2] = -13970583/910, renopev[2,1,2,1,1,1,1,2,1] = -59835443/5460, renopev[2,1,2,1,1,1,2,1,1] = -4523697/364, renopev[2,1,2,1,1,2,1,1,1] = -59835443/5460, renopev[2,1,2,1,2,1,1,1,1] = -21822261/1820, renopev[2,1,2,2,1,1,1,1,1] = -59835443/5460, renopev[2,1,3,1,1,1,1,1,1] = -21801669/1820, renopev[2,2,1,1,1,1,1,1,2] = -16231023/910, renopev[2,2,1,1,1,1,2,1,1] = -69113803/5460, renopev[2,2,1,1,1,2,1,1,1] = -5259705/364, renopev[2,2,1,1,2,1,1,1,1] = -69113803/5460, renopev[2,2,1,1,2,1,1,1,1,1] = -25502301/1820, renopev[2,2,1,2,1,1,1,1,1] = -69113803/5460, renopev[2,2,1,1,1,1,1,1] = -26322549/1820, renopev[2,3,1,1,1,1,1,1,1] = -66300083/5460, renopev[3,1,1,1,1,1,1,1,2] = -39522841/2730, renopev[3,1,1,1,1,1,1,2,1] = -56464487/5460, renopev[3,1,1,1,1,2,1,1] = -63988003/5460, renopev[3,1,1,1,2,1,1,1] = -56464487/5460, renopev[3,1,1,1,2,1,1,1,1] = -2938967/260, renopev[3,1,2,1,1,1,1,1] = -56464487/5460, renopev[3,1,2,1,1,1,1,1,1] = -61605623/5460, renopev[3,2,1,1,1,1,1,1,1] = -56464487/5460, renopev[4,1,1,1,1,1,1,1,1] = -4648025/364, renopev[1,1,1,1,1,1,1,1,3] = 326025/26, renopev[1,1,1,1,1,1,1,2,2] = 787185/52, renopev[1,1,1,1,1,1,1,3,1] = 128205/13, renopev[1,1,1,1,1,1,2,1,2] = 326025/26, renopev[1,1,1,1,1,1,2,2,1] = 467775/52, renopev[1,1,1,1,1,1,3,1,1] = 527835/52, renopev[1,1,1,1,1,2,1,1,2] = 2513835/182, renopev[1,1,1,1,1,2,2,1,1] = 3557565/364, renopev[1,1,1,1,1,2,2,1,1,1] = 4158165/364, renopev[1,1,1,1,1,3,1,1,1] = 3480345/364, renopev[1,1,1,1,1,2,1,1,1,2] = 326025/26, renopev[1,1,1,1,1,2,1,1,2,1] = 467775/52, renopev[1,1,1,1,1,2,1,2,1,1] = 527835/52, renopev[1,1,1,1,2,1,1,1,1] = 467775/52, renopev[1,1,1,1,2,1,1,1,1,1] = 3557565/364, renopev[1,1,1,2,1,1,1,1,1] = 467775/52, renopev[1,1,1,3,1,1,1,1,1,1] = 2522487/260, renopev[1,1,2,1,1,1,1,1,1,2] = 358317/26, renopev[1,1,2,1,1,1,1,1,2,1] = 1535873/156, renopev[1,1,2,1,1,1,1,2,1,1] = 580407/52, renopev[1,1,2,1,1,1,2,1,1,1] = 1535873/156, renopev[1,1,2,1,1,2,1,1,1,1] = 3925569/364, renopev[1,1,2,1,2,1,1,1,1,1] = 1535873/156, renopev[1,1,2,2,1,1,1,1,1,1] = 2845407/260, renopev[1,1,3,1,1,1,1,1,1,1] = 498559/52, renopev[1,2,1,1,1,1,1,1,2] = 326025/26, renopev[1,2,1,1,1,1,1,1,2,1] = 467775/52, renopev[1,2,1,1,1,1,2,1,1,1] = 527835/52, renopev[1,2,1,1,1,2,1,1,1,1] = 467775/52, renopev[1,2,1,1,1,2,1,1,1,1,1] = 3557565/364, renopev[1,2,1,1,1,2,1,1,1,1,1,1] = 467775/52, renopev[1,2,1,1,1,2,1,1,1,1,1,1,1] = 1535873/156, renopev[2,1,1,1,1,1,1,1,1,2] = 13970583/910, renopev[2,1,1,1,1,1,1,1,2,1] = 59835443/5460, renopev[2,1,1,1,1,1,1,1,2,1,1] = 21822261/1820, renopev[2,1,1,1,2,1,1,1,1,1,1] = 59835443/5460, renopev[2,1,1,1,2,1,1,1,1,1,1,1] = 21801669/1820, renopev[2,1,2,1,1,1,1,1,1,1,1] = 69113803/5460, renopev[3,1,1,1,1,1,1,1,1,1] = 56464487/5460, renopev[1,1,1,1,1,1,1,1,1,2] = -326025/26, renopev[1,1,1,1,1,1,1,1,2,1] = -467775/52, renopev[1,1,1,1,1,1,1,1,2,1,1] = -527835/52, renopev[1,1,1,1,1,1,1,2,1,1,1] = -467775/52, renopev[1,1,1,1,1,1,2,1,1,1,1] = -3557565/364, renopev[1,1,1,1,1,2,1,1,1,1,1,1] = -467775/52, renopev[1,1,1,1,2,1,1,1,1,1,1,1] = -2522487/260, renopev[1,1,1,2,1,1,1,1,1,1,1] = -467775/52, renopev[1,1,1,1,1,1,1,1,1,1,1] = -59835443/5460, renopev[1,1,1,1,1,1,1,1,1,1,1,1] = 467775/52] : ###

#####