Modelling Drug Use in Communities

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Introduction

For years, policymakers have been wondering why and how do drugs travel through the community and what they can do to minimise the harm users potentially cause to themselves and the people surrounding them. In this paper, we aim to understand how drug use and addiction develops in a community and what factors can be tweaked to alter the long term distributions of drug use, abuse and addiction in the community.

"Number one is the opioid epidemic. It is a scourge across our country. A person dies every 12-and-a-half minutes from an opioid overdose and that's far too many. Especially when we know that many of those deaths can be prevented." (4)

These were the words of Dr. Adams, the 20th surgeon general of the United States when asked about his main concerns and focus indicating the severity of the matter. Substance abuse is not only harmful for one's self but our community. Multiple research articles and papers in the past have adressed model drug use. We have included some examples below from which we have taken inspiration and made commparisons.

One article in particular by Mushanyu, J, Nyabadza, F, Muchatibaya, G, & Stewart, A G. R. (2016) touches on the importance of an adequate health care system since a limited rehabilitation capacity can increase the chances of a drug abuse epidemic. The methods used in this paper are discussed later.

Aim

The aim of this project is to produce a model to capture the dynamics of drug use. The model should address how or when individuals become drug users, addicted drug users and abstainers, and have applications in addressing economic and policy decisions. Investigations by past researchers [REFERENCE] have used compartment models to delineate groups in a population.

Method

Initial Model: SIR

It's common to liken drug use to disease, treating drug addiction as an infection that can be recovered from. Using this analogy, we began looking into how diseases are modeled and how we can adapt our own model to fit drug usage. One of the simplest drug models is the SIR model, a compartment model based on the concept of mass action that sees infections as caused by interactions between infected people and susceptible people. There are a few reasons that this model is a good starting point for any type of drug modelling: Firstly, this model is very simple and can be easily adapted to our own needs with extra compartments and transferable conditions. Secondly, since we are looking at drug use in a population, relying on mass action rather than discrete modeling allows us to further simplify the model. Thirdly, the idea that addiction is caused by interactions between individuals seems to be a good assumption for drug use as one would expect people to become familiar and subsequently addicted to certain substances by being associated to people with them.

One divergence we made from the most basic SIR model is allowing for relapse from the recovered group back into the infected group. This represents how recovering addicts will become addicted again at a different rate

to people who have never used the drug before. However, an important fact is that people can not move back into the susceptible group as addiction is said to last a lifetime.
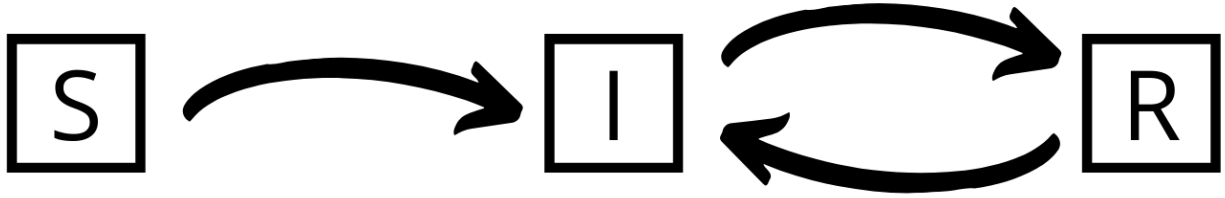
Our SIR model is defined by the following equations:

$$\frac{dS}{dt} = -\pi_1 * S * I$$

$$\frac{dI}{dt} = \pi_1 * S * I + \pi_2 * R * I - \pi_3 * I$$

$$\frac{dR}{dt} = -\pi_2 * R * I + \pi_3 * I$$

The parameters π_1, π_2 and π_3 represent the 'infectiousness' of the drug for susceptible and recovering individuals and the rate of recovery from the drug respectively.

We now look at some plots to see how this model behaves for various combinations of our parameters:
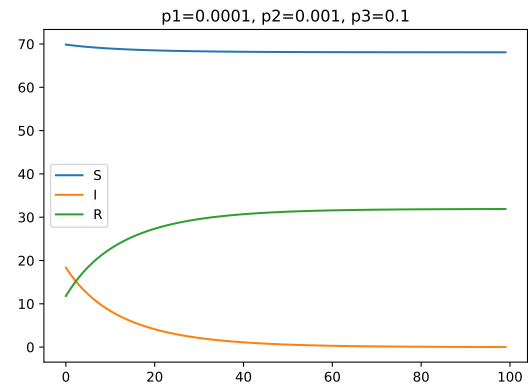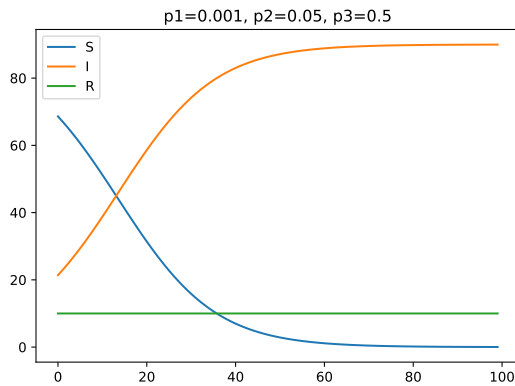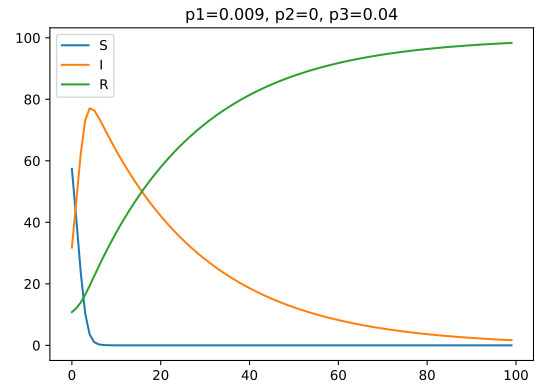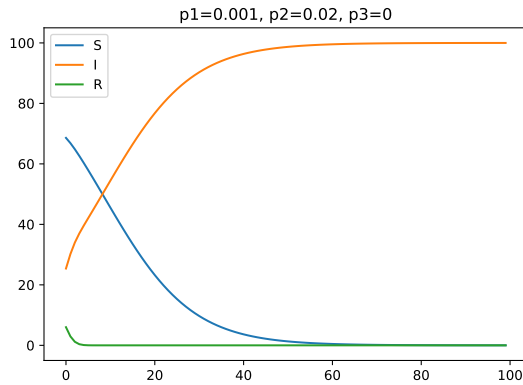
SUAR Model

The SIR model fails to distingush between different severities of addiction. By grouping the individuals who are trying/testing the drug with people who are addicted we fail to capture the behaviour of people trying the drug without becoming reliant on it. Because of this, we adapted the SIR model, relabeled the infected group to addicted and added in a new compartment model for users of the drug who are not addicted, the 'Using' group. Susceptible people will now move into the Using group before moving into the Addicted group. Since there are now two groups who are using the drug and interacting with the community, the I terms of the ODEs in the SIR model have to be replaced with $U + A$

The new model can now be described by the folowing equations:

$$\frac{dS}{dt} = -\pi_1 * S * (A + U) + \pi_2 * U$$

$$\frac{dU}{dt} = \pi_1 * S * (A + U) - \pi_2 * U - \pi_3 * U$$

$$\frac{dA}{dt} = \pi_3 * U + \pi_4 * (A + U) * R - \pi_5 * A$$

$$\frac{dR}{dt} = \pi_5 * A - \pi_4 * (A + U) * R$$

With parameters π_1, π_2, π_3, π_4, and π_5 being the 'infectiveness' of the drug for susceptible people, the rate that people stop trying the drug, the rate in which people become addicted, the 'infectiveness' for recovered people and the recovery rate for addicted people respectively.
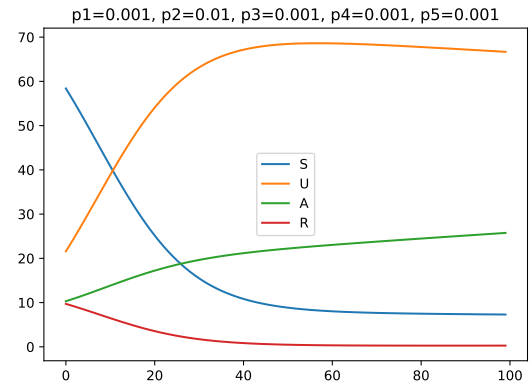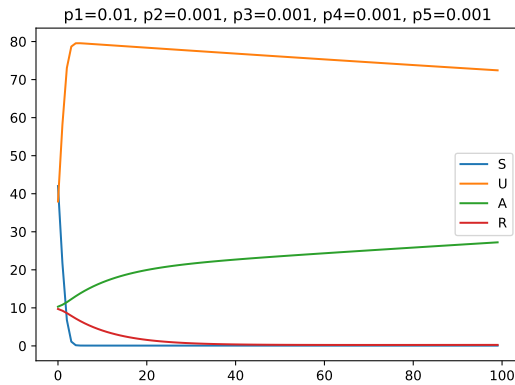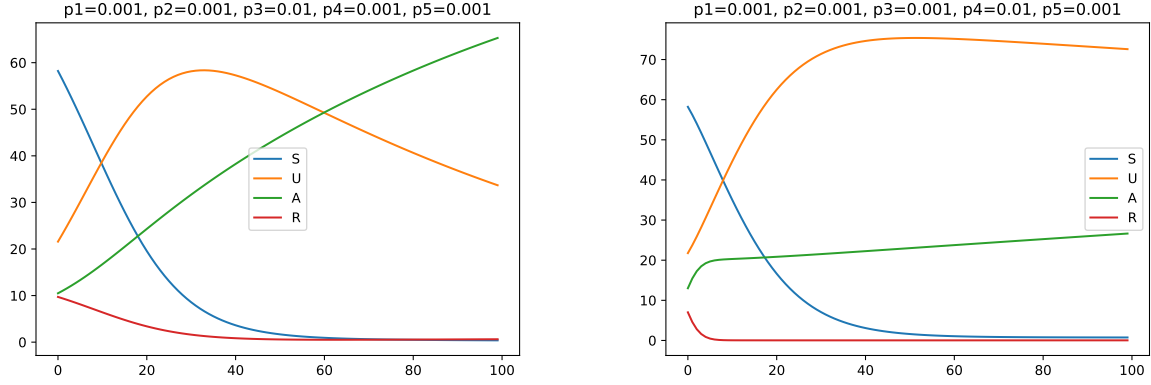
SUAR Model with age

Looking at the stationary points of the previous two models (see appendix for derivation), the only long term behaviour is to either kill off the drug and have no users or addicted people or have eveyone in the addicted or recovered group. However, this behaviour is not consistent with what we see in the real world, where we have a consistent number of people using and addicted to the drug, and a consistently high number of people who are susceptible to the drug. To fix this issue we integrate age groups into the model, grouping the population as children, teens, young adults, adults and seniors. Each of these groups has a distinct rate of death and the births are proportional to the number of young adults and adults. Seperating the population also allows us to set different parameters according to each age group, capturing more nuanced behaviours such as an increased volume of experimentation of young people which would not have been identified otherwise.

Another feture we wanted to tackle is how people recover. In the same way that people start using drugs based on interactions with others who are using the drug, we expect people to recover based on interactions with people who aren't using the drug. This can be represented by support groups, concered parents or friends. Furthermore, we can expect people in one agegroup to be influence by different ammoint from each agregreoup. We can store this information with a matrix I, where I_{ij} is the magnitude of the influence that group j has on group i. We can now go in to further simplify this by defining two new terms, the positive and negitive influence on a age group i, to be:

$$P_i = \sum k = 15 I_{ik} * (S_k + R_K)$$

$$N_i = \sum k = 15 I_{ik} * (U_k + A_K)$$

The model now has 20 compartments with both sideways movment within age groups and downwards movement as people age.

Looking across age group 'i', the model can be described as:

$$\frac{dS_i}{dt} = aS_{i-1} + aU_{i-1}\pi_{i-1,2}P_{i-1} - S_i\pi_{i,1}N_i + (1-a)U_i\pi_{i,2}P_i - aS_i - d_{i,s}S_i + (b\sum_{k=2}^{3} S_k + U_k + A_k + R_K | i = 0)$$

$$\frac{dU_i}{dt} = aS_{i-1}\pi_{i-1,1}N_{i-1} + aU_{i-1} - U_i * \pi_{i,3} - aU_i - U_i\pi_{i,2}P_i + (1-a)S_i\pi_{i,1}N_i - d_{i,U}U_i$$

$$\frac{dA_i}{dt} = aU_{i-1}\pi_{i-1,3} + aA_{i-1} + aR_{i-1}\pi_{i-1,4}N_{i-1} - A_i\pi_{i,5}P_i + (1-a)R_i\pi_{i,4}N_i - aA_i + (1-a)U_i\pi_{i,3} - d_{i,A}A_i$$

$$\frac{dR_i}{dt} = aA_{i-1}\pi_{i-1,5}P_{i-1} + aR_{i-1} - aR_i - R_i\pi_{i,4}N_i + (1-a)A_i\pi_{i,5}P_i - d_{i,R}R_I$$

4

With the paramers being sroted in matrices π, {d} and {i}, containing row-wise versions of the parameters for the SUAR model, the death rate for each comaprtment, and the influecne each age group has on the other, and scalars a and b, which define the aging rate and the birth rate of the population.

Simplified SUAR Model with age

After building the SUAR model with different age groups, we toyed arroung with various combinations of paramenters to see how the model reacted. However, we found that with 20 compartments and 73 parameters, it is realy hard to go through all the combinations to find meaningfull results from the model. We could see that there were stationary points for the population portions, but finding them analyticaly was near impossible. Because of this, we sought to find a way to simplify the model to produce results that are easier to understand. We did this by removing the different age groups all together, while keeping the equations describing the model the same. By removing the age groups, the equations dramaticaly simplify into this form;
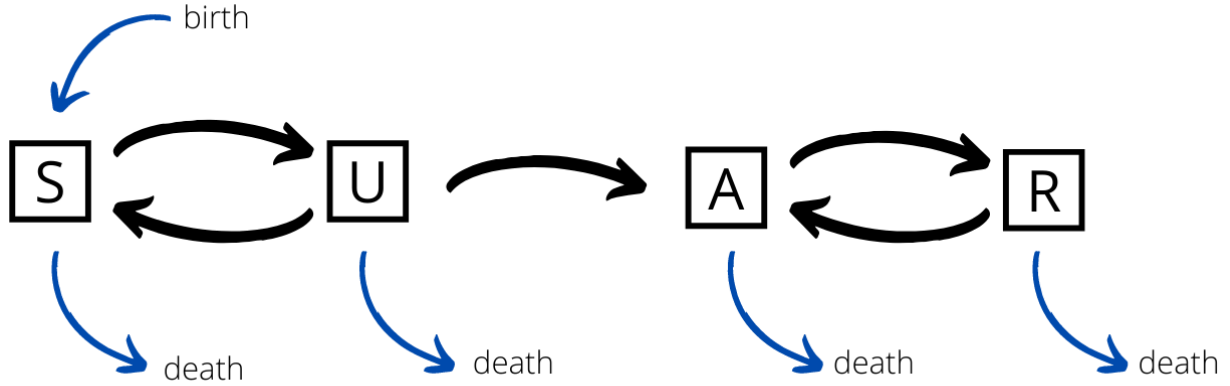
$$\frac{dS}{dt} = -S\pi_1 N + U\pi_2 P - d_S S + b(S + U + A + R)$$

$$\frac{dU}{dt} = S\pi_1 N - U\pi_2 P - U\pi_3 - d_U U$$

$$\frac{dA}{dt} = U\pi_3 - A\pi_4 P + R\pi_5 N - d_A A$$

$$\frac{dR}{dt} = A\pi_4 P - R\pi_5 N - d_R R$$

Portion: p1=0.001, p2=0.001, p3=0.01, p4=0.001, p5=0.001   Portion: p1=0.001, p2=0.001, p3=0.001, p4=0.01, p5=0.001
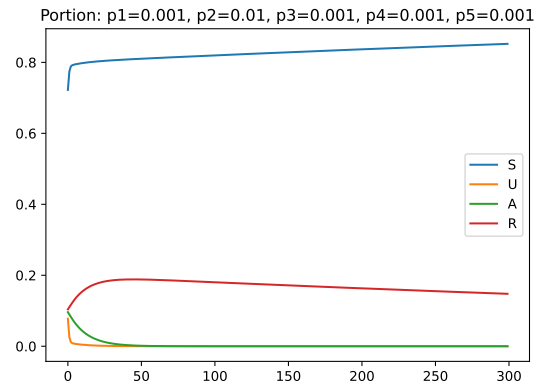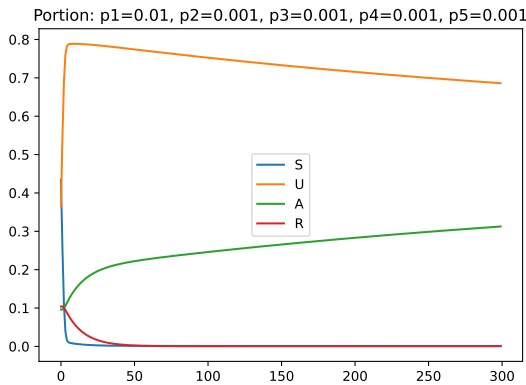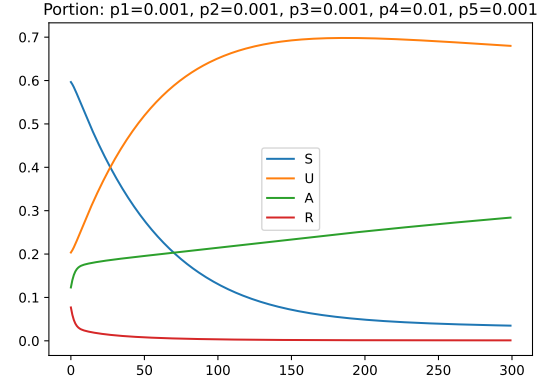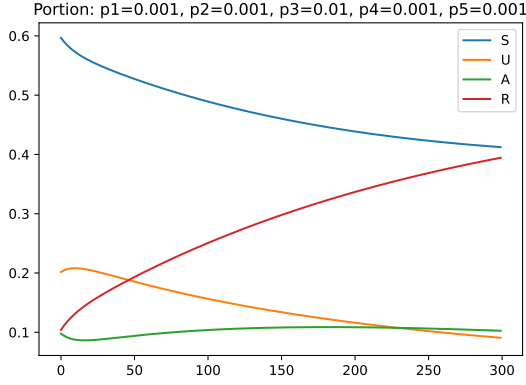
Looking at this model, it is clear to see that we will only find stationary points when births and deaths are equal. However we also want to see long term trends in growing and shrinking populations. To do this, we look at this model through populaton portions, redefinig the system as:

$$T = S + U + A + R$$

$$T' = b(S + U + A + R) - d_S S - d_U U - d_A A - d_R R$$

$$\frac{d\frac{S}{N}}{dt} = \frac{(-S\pi_1 N + U\pi_2 P - d_S S + b(S + U + A + R))T - T'S}{T^2}$$

$$\frac{d\frac{U}{N}}{dt} = \frac{(S\pi_1 N - U\pi_2 P - U\pi_3 - d_U U)T - T'U}{T^2}$$

$$\frac{d\frac{A}{N}}{dt} = \frac{(U\pi_3 - A\pi_4 P + R\pi_5 N - d_A A)T - T'A}{T^2}$$

$$\frac{d\frac{R}{N}}{dt} = \frac{(A\pi_4 P - R\pi_5 N - d_R R)T - T'R}{T^2}$$

Denoting these fractions as s,u,a,r and reformatting the equation using T as a characteristic for population and $\frac{1}{b}$ as a characteristic for time;

$$s + u + a + r = 1$$

$$\frac{ds}{dt} = (-s\pi_1(u + a) + u\pi_2(s + r) - d_S s + 1) - s(1 - d_S s - d_U u - d_A a - d_R r)$$

$$\frac{du}{dt} = (s\pi_1(u + a) - u\pi_2(s + r) - u\pi_3 - d_U u) - u(1 - d_S s - d_U u - d_A a - d_R r)$$

$$\frac{da}{dt} = (u\pi_3 - a\pi_4(s + r) + r\pi_5(u + a) - d_A a) - a(1 - d_S s - d_U u - d_A a - d_R r)$$

$$\frac{dr}{dt} = (a\pi_4(s + r) - r\pi_5(u + a) - d_R r) - r(1 - d_S s - d_U u - d_A a - d_R r)$$
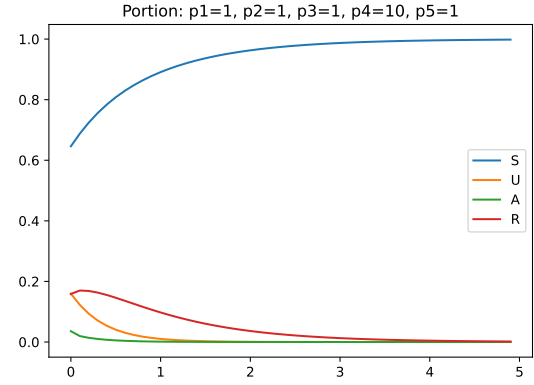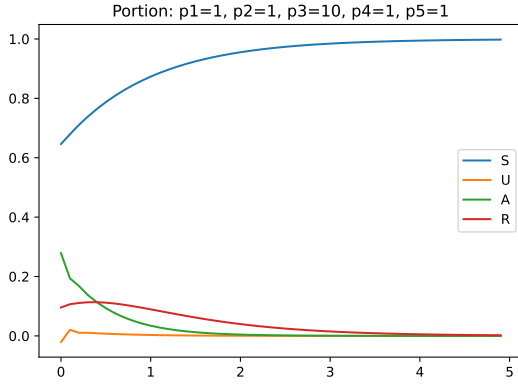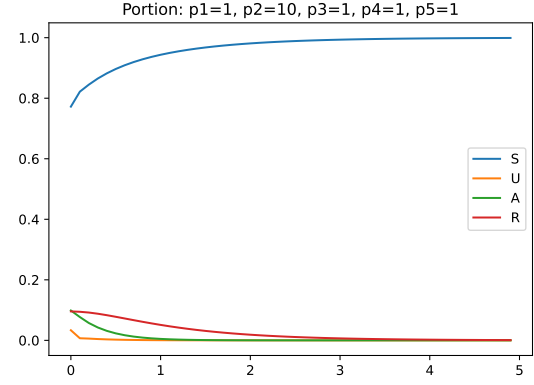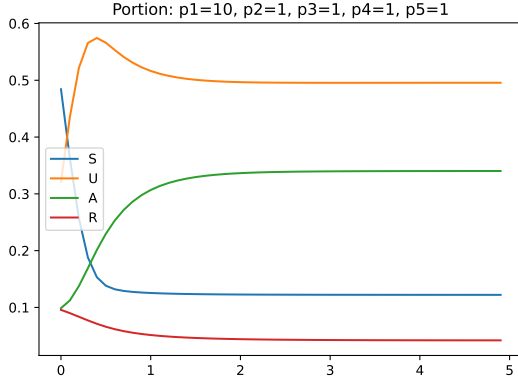
Results

We can think of deaths as a movement from all compartments to the susceptible compartments. This makes it clear that a stationary point exists when all the people are in the susceptible compartment, meaning the drug is 'extinct'. Similar, the drug is also extinct when everyone is either in the recovered or susceptible group, as one just has to wait for the recovered people to die for the portion of S to reach 1. These two facts can be seen in appendix 3. Let the stationary point at $s = 1$ be the trivial stationary point.

However, for some combinations of parameters, secondary stationary points are found. These non-trivial stationary points could not be found analyticaly using matlab, therefore their existance must be verified in a case by case basis, using the code in apendix 4. Note that the all the death parametesr were set to one, meaning that these results are for drugs where the rate of death is independant of compartment. To find results for other sets of death parametrs, alter line 25 of appendix 4.

Using the table of non trivial stationary points (appendix 10), we can now plot the number of cobninations of parameters that lead to non-trival stationary points pairwise by parameter.

Number of combinations that have Non-trivial stationary points
ds=1, du=1, da=1,dr=1 s0=0.6, u0=0.2, a0=0.1, r0=0.1, Total Sims = 216
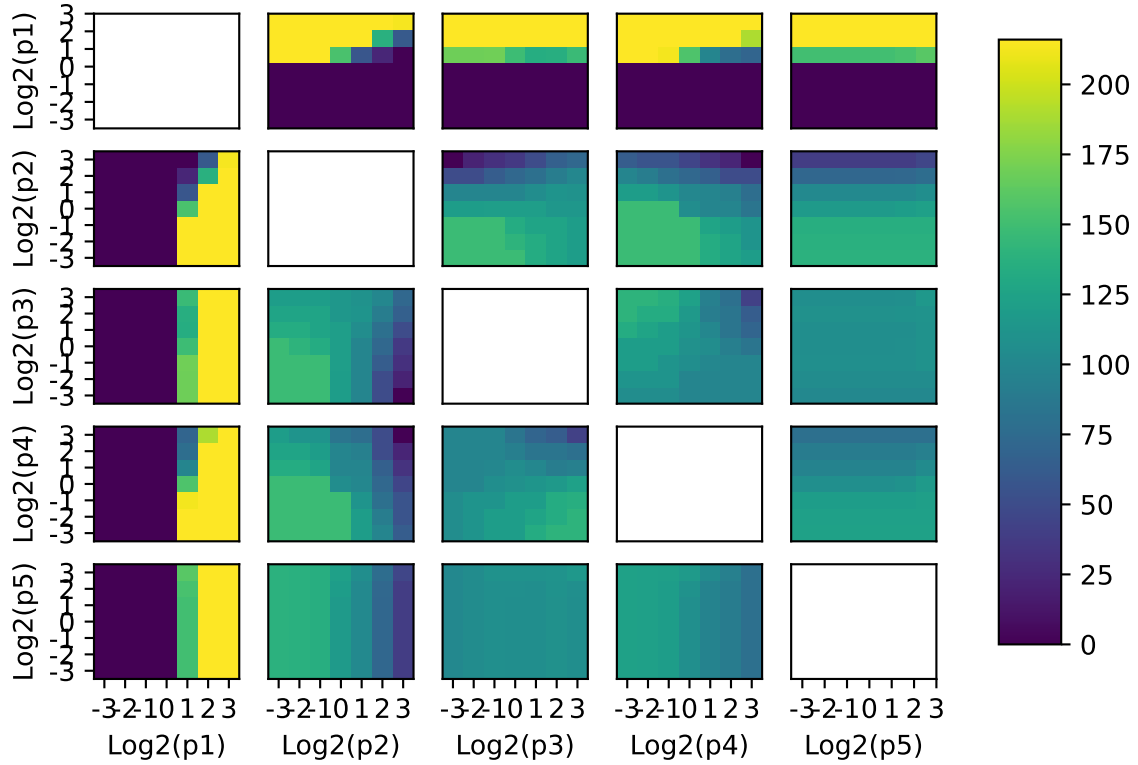
From this plot, one can see a big factor that influences the creation of these non-trival stationary points is the magnitude of π_1, an in a lesser extent the ratio of π_1 and π_2. In this case, any births will rapidly transition to the using category, meaning that they then have the potential to become addicted.

Another result one can take from the data is the number of people who are using or addicted to the drug at the pseudo-stationary points, as shown in these plots below.

Average portion of people using or addicted at non-Trivial Statioanry Points
ds=1, du=1, da=1,dr=1 s0=0.6, u0=0.2, a0=0.1, r0=0.1, Total Sims = 216

Looking at these plots we can see the following behaviours:

- Bigger π_1 -> Higher Mean
- Bigger π_2 -> Lower Mean
- Bigger π_3 -> Lower Mean
- Bigger π_4 -> Lower Mean
- Bigger π_5 -> Higher Mean

Therefore, in terms of tweaking the long term state of drug use in communities, the best way to minimise drug use is to minimise π_1 such that the drug will become extinct. If this cant be done, the number of people using or addicted to drugs can be minimised by lowering the values of π_2, π_3, π_4 or maximising the value of π_5 to make the stationay point have a minimal number of people using the drug.

Discussion

// Compare our model // Inspirations // Limitations // Future Tweaks

In this part of the discussion, we aim to compare our model with the one presented by Mushanyu, J, Nyabadza, F, Muchatibaya, G, & Stewart, A G. R. (2016) and decide what future tweaks and changes can be made to further improve our own model. The use of protein and ligand bonding as well as the Hill function is quite interesting since the authors have effectively linked Biological Modelling and altered it to their own advantage. Firstly, protein and a ligand bonding forming a new product has equivalently been transformed into addicts connecting and creating a bond with a recovery center and as a result being transformed themselves. They have also used the term 'Cooperativity' as a parameter which is how other rehabilitants affect other users either negatively or positively. In our case we have used positive and negative influence of age groups and/or compartment models on each other based on interactions instead of cooperativity. Cooperativity is a way more specific and detailed parameter whilst our own is more general. Applying both the protein-ligand equivalent and the subdivision of a Recovered Cooperation parameter could help our model in the future. Secondly, the

Hill Function was adjusted to suit their drug model. They split Rehabilitation in two sections. Outpatient rehabilitation allows the user to stay productive and around their family while inpatient rehabilitation involves rehabilitation centers and more strict rules. Of course, limited resources and capacities affect users' choices. The rehabilitation capacities are limited in their own way as well since in a lot of countries the health care department is not adequate to help all users which makes the model realistic and pragmatic. We on the other hand have sub compartments in the Infected Area which we have split into Using and Addicted compartments while we have not done the same in the Susceptible and Recovered compartments. Integrating those in the future as well as saturation effects can make our model more effective.

Conclusion

// Conclusion

Appendix

Appendix 1 : Stationary points of SIR model

$$0 = -\pi_1 * S * I$$

$$0 = \pi_1 * S * I + \pi_2 * R * I - \pi_3 * I$$

$$0 = -\pi_2 * R * I + \pi_3 * I$$

Therefore either π_1, S or I must be 0

If $I = 0$:

$$0 = -\pi_1 * S * 0$$

$$0 = \pi_1 * S * 0 + \pi_2 * R * 0 - \pi_3 * 0$$

$$0 = -\pi_2 * R * 0 + \pi_3 * 0$$

Therefore any point $[S,0,R]$ is stationary.

If $\pi_1 = 0$ or $S = 0$:

$$0 = 0 * I$$

$$0 = 0 * I + \pi_2 * R * I - \pi_3 * I$$

$$0 = -\pi_2 * R * I + \pi_3 * I$$

Therefore:

$$\pi_2 * R * I - \pi_3 * I = -\pi_2 * R * I + \pi_3 * I$$

$$\pi_2 * R * I = \pi_3 * I$$

:q

$$R : I = \pi_3 : \pi_2$$

Therefore any point $[0, \frac{P_{total} * \pi_2}{\pi_2 + \pi_3}, \frac{P_{total} * \pi_3}{\pi_2 + \pi_3}]$

Appendix 2 : Stationary points of SUAR

$$0 = -\pi_1 * S * (A + U) + \pi_2 * U$$

$$0 = \pi_1 * S * (A + U) - \pi_2 * U - \pi_3 * U$$

$$0 = \pi_3 * U + \pi_4 * (A + U) * R - \pi_5 * A$$

$$0 = \pi_5 * A - \pi_4 * (A + U) * R$$

By combing the first two and last two equations, one can see that if the parameters are non 0, $U = 0$. Therefore:

$$0 = \pi_1 * S * A$$

$$0 = \pi_4 * A * R - \pi_5 * A$$

$$0 = \pi_5 * A - \pi_4 * A * R$$

Therefore $S = 0$ or $A = 0$ In the case $A = 0$, any point $[S,0,0,R]$ will be stationary

In the case $S = 0$

$$\pi_4 * A * R = \pi_5 * A$$

$$R : A = \pi_5 : \pi_4$$

Therefore any point $[0,0, \frac{P_{total} * \pi_4}{\pi_4 + \pi_5}, \frac{P_{total} * \pi_5}{\pi_4 + \pi_5}]$

Apendix 3: Critical Points of Simplified SUAR model

When s = 1:

$$s = 1$$

$$\frac{ds}{dt} = (-d_S s + 1) - s(1 - d_S s) = (1 - S)(1 - d_S s) = 0$$

$$\frac{du}{dt} = 0$$

$$\frac{da}{dt} = 0$$

$$\frac{dr}{dt} = 0$$

When s+r = 1:

$$s + r = 1$$

$$s = 1 - r$$

$$\frac{ds}{dt} = (-d_S s + b) - s(1 - d_S s - d_R r) = (1 - s) * (1 + d_r * s - d_s * s)$$

$$\frac{du}{dt} = 0$$

$$\frac{da}{dt} = 0$$

$$\frac{dr}{dt} = (-d_R r) - r(1 - d_S s - d_R r) = (s - 1) * (1 + d_r * s - d_s * s)$$

Appendix 4: Matlab code for generating conditional Stationary Points

```
syms s u a r p1 p2 p3 p4 p5 ds du da dr


ode1 =  (-s*p1*(u+a)+u*p2*(s+r)  -ds*s + 1)-s *(1 - ds*s - du*u - da*a - dr*r);
ode2 =  (s*p1*(u+a)-u*p2*(s+r) - u*p3 -du*u )-u*(1 - ds*s - du*u - da*a - dr*r) ;
ode3 =  (u*p3 -a*p4*(s+r) + r*p5*(u+a) -da*a )-a*(1 - ds*s - du*u - da*a - dr*r);
ode4 =  (a*p4*(s+r) - r*p5*(u+a) -dr*r )-r*(1 - ds*s -du*u - da*a - dr*r);
sums = s+u+a+r;



odes = [ode1 == 0, ode2 == 0, ode3 == 0 , ode4 == 0, sums  == 1, s>=0, u >= 0, a >=0, r>=0];


ss = [];
avg = [];

k = 3;

for p1i = -k:k
    for p2i   = -k:k
        for p3i  = -k:k
            for p4i  = -k:k
                for p5i = -k:k
                    [p1, p2, p3, p4, p5, ds, du, da, dr] = deal(2^p1i, 2^p2i, 2^p3i, 2^p4i, 2^p5i,1,1,1
                    sol = solve(subs(odes),'Real',true);
                    ss = [ss ; [p1i,p2i,p3i,p4i,p5i,length(sol.s) - 1]];
                    if length(sol.s) > 1
                        avg = [avg ; [p1i,p2i,p3i,p4i,p5i,mean(sol.u(2:length(sol.u)) + sol.a(2:length(s
                    end
                end
            end
        end
    end
end



writematrix(double(avg),'avg.csv')
writematrix(double(ss), 'ss.csv')
```

Appendix 5: Pyhton code for simulating SIR model

```
## def SIR(p1,p2,p3,S0,I0,R0,i):
##
##      vect_initial = np.array([S0,I0,R0]).T # vector of day index, suseptable, infected and recovered p
##
##      output = pd.DataFrame(columns = ['day', 'S', 'I', 'R'])
##      j = 0
##      vect = vect_initial.copy()
##
##      while j < i:
##           vectplus1 = np.zeros([3])
```

```
##          S = vect[0]
##          I = vect[1]
##          R = vect[2]
##          vectplus1[0] = S - p1 *S*I
##          vectplus1[1] = I +p1 *S*I + p2*R*I - p3*I
##          vectplus1[2] = R - p2*R*I + p3*I
##          output.loc[j] = np.concatenate((np.array([j]),vectplus1.T))
##          vect = vectplus1.copy()
##          j+=1
##
##      plt.plot(output['day'],output['S'])
##      plt.plot(output['day'],output['I'])
##      plt.plot(output['day'],output['R'])
##      plt.title('p1=' + str(p1) + ', p2=' + str(p2) + ', p3=' +str(p3))
##      plt.legend(['S','I','R'])
##      plt.show()
```

Appendix 6: Pyhton code for simulating SUAR model

```
## def SUAR(p1,p2,p3, p4, p5 ,S0,U0,A0,R0,i):
##
##      vect_initial = np.array([S0,U0,A0,R0]).T # vector of day index, suseptable, infected and recover
##
##      output = pd.DataFrame(columns = ['day', 'S', 'U','A', 'R'])
##      j = 0
##      vect = vect_initial.copy()
##
##      while j < i:
##          vectplus1 = np.zeros([4])
##          S = vect[0]
##          U = vect[1]
##          A = vect[2]
##          R = vect[3]
##          vectplus1[0] = S -p1*S*(A+U) + p2*U
##          vectplus1[1] = U +p1*S*(A+U) - p2*U - p3*U
##          vectplus1[2] = A +p3*U + p4*(A+U)*R - p5*A
##          vectplus1[3] = R + p5*A -p4*(A+U)*R
##          output.loc[j] = np.concatenate((np.array([j]),vectplus1.T))
##          vect = vectplus1.copy()
##          j+=1
##
##      plt.plot(output['day'],output['S'])
##      plt.plot(output['day'],output['U'])
##      plt.plot(output['day'],output['A'])
##      plt.plot(output['day'],output['R'])
##      plt.title('p1=' + str(p1) + ', p2=' + str(p2) + ', p3=' +str(p3) + ', p4=' +str(p4) + ', p5=' +st
##      plt.legend(['S','U','A','R'])
##      plt.show()
```

Appendix 7: Pyhton code for simulating 20 compartment SUAR model

```
## def SUAR_20(aging_rate,birth_rate,death_rate, I, P, X0, steps):
##
##      C = pd.DataFrame(columns=['s', 't', 'a', 'r'], dtype='float128')
```

```
##      T = pd.DataFrame(columns=['s', 't', 'a', 'r'], dtype='float128')
##      Y = pd.DataFrame(columns=['s', 't', 'a', 'r'], dtype='float128')
##      A = pd.DataFrame(columns=['s', 't', 'a', 'r'], dtype='float128')
##      S = pd.DataFrame(columns=['s', 't', 'a', 'r'], dtype='float128')
##
##      (n_age_groups, n_status) = np.shape(X0)
##      itterations  = 0
##      while itterations < steps:
##          C.loc[itterations] = X0[0]
##          T.loc[itterations] = X0[1]
##          Y.loc[itterations] = X0[2]
##          A.loc[itterations] = X0[3]
##          S.loc[itterations] = X0[4]
##
##          i = 0
##
##          IE = np.matmul(I, X0)
##
##          Xn = np.zeros(np.shape(X0))
##
##          while i < n_age_groups:
##              group_vect = X0[i].copy()
##              s = group_vect[0]
##              t = group_vect[1]
##              a = group_vect[2]
##              r = group_vect[3]
##              interaction_neg = np.sum(IE[i][[1, 2]])
##              interaction_pos = np.sum(IE[i][[0, 3]])
##
##              Xn[i][0] = s - (s * P[i][0] * interaction_neg) + t * P[i][1] * interaction_pos
##              Xn[i][1] = t + (s * P[i][0] * interaction_neg) - t * P[i][1] * interaction_pos - t *
##              Xn[i][2] = a + t * P[i][2] + r * P[i][3] * interaction_neg - a * P[i][4] * interacti
##              Xn[i][3] = r - r * P[i][3] * interaction_neg + a * P[i][4] * interaction_pos
##
##              i += 1
##
##          Xn_aged = np.zeros(np.shape(X0))
##
##          i = 0
##          j = 0
##
##          while i < n_age_groups:
##              j = 0
##              while j < n_status:
##                  if i == 0:
##                      if j == 0:
##                          Xn_aged[i][j] = Xn[i][j] * (1 - aging_rate - death_rate[i][j]) + bir
##                  j += 1
##              i+=1
##
##          itterations += 1
```

Appendix 8: Pyhton code for simulating 5 compartment SUAR model

```
## def SUAR_5(p1,p2,p3, p4, p5,b,d,S0,U0,A0,R0,i):
##
##      vect_initial = np.array([S0,U0,A0,R0]).T # vector of day index, suseptable, infected and recovere
##
##      output = pd.DataFrame(columns = ['day', 'S', 'U','A', 'R'])
##      j = 0
##      vect = vect_initial.copy()
##
##      while j < i:
##          vectplus1 = np.zeros([4])
##          S = vect[0]
##          U = vect[1]
##          A = vect[2]
##          R = vect[3]
##          vectplus1[0] = S - p1*S*(A+U) + p2*U*(S+R)  - d[0]*S + b*(S+U+A+R)
##          vectplus1[1] = U + p1*S*(A+U) - p2*U*(S+R) - p3*U - d[1]*U
##          vectplus1[2] = A + p3*U + p4*(A+U)*R - p5*A*(R+S) - d[2]*A
##          vectplus1[3] = R + p5*A*(S+R) - p4*(A+U)*R - d[3]*R
##
##          output.loc[j] = np.concatenate((np.array([j]),vectplus1.T))
##          vect = vectplus1.copy()
##          j+=1
##
##      output['pop'] = output['S'] + output['U'] + output['A'] + output['R']
##      plt.plot(output['day'],output['S']/output['pop'])
##      plt.plot(output['day'],output['U']/output['pop'])
##      plt.plot(output['day'],output['A']/output['pop'])
##      plt.plot(output['day'],output['R']/output['pop'])
##      plt.title('Portion: p1=' + str(p1) + ', p2=' + str(p2) + ', p3=' +str(p3) + ', p4=' +str(p4) + '
##      plt.legend(['S','U','A','R'])
##      plt.show()
```

Appendix 9: Pyhton code for simulating 5 compartment dimensionless SUAR model

```
## def SUAR_norm(p1,p2,p3, p4, p5,d,S0,U0,A0,R0,i,h, plot = True):
##
##      vect_initial = np.array([S0,U0,A0,R0]).T # vector of day index, suseptable, infected and recover
##
##      output = pd.DataFrame(columns = ['day', 's', 'u','a', 'r'])
##      j = 0
##      vect = vect_initial.copy()
##
##      ds = d[0]
##      du = d[1]
##      da = d[2]
##      dr = d[3]
##
##      while j < i:
##          vectplus1 = np.zeros([4])
##          s = vect[0]
##          u = vect[1]
```

```
##          a = vect[2]
##          r = vect[3]
##          vectplus1[0] = s +h*((-s*p1*(u+a)+u*p2*(s+r)  -ds*s + 1)-s *(1 - ds*s - du*u - da*a - dr*r))
##          vectplus1[1] = u +h*((s*p1*(u+a)-u*p2*(s+r) - u*p3 -du*u )-u*(1 - ds*s - du*u - da*a - dr*r))
##          vectplus1[2] = a +h*((u*p3 -a*p4*(s+r) + r*p5*(u+a) -da*a )-a*(1 - ds*s - du*u - da*a - dr*r))
##          vectplus1[3] = r +h*((a*p4*(s+r) - r*p5*(u+a) -dr*r )-r*(1 - ds*s -du*u - da*a - dr*r))
##          output.loc[j] = np.concatenate((np.array([j*h]),vectplus1.T))
##          vect = vectplus1.copy()
##          j+=1
##      if plot:
##          plt.plot(output['day'],output['s'])
##          plt.plot(output['day'],output['u'])
##          plt.plot(output['day'],output['a'])
##          plt.plot(output['day'],output['r'])
##          plt.title('Portion: p1=' + str(p1) + ', p2=' + str(p2) + ', p3=' +str(p3) + ', p4=' +str(p4)
##          plt.legend(['S','U','A','R'])
##          plt.show()
##          return
##      else:
##          return [s,u,a,r]
```

Apendix 10: Number of non-trivial stationary points

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	-3	-3	-2	0
-3	-3	-3	-3	-1	0
-3	-3	-3	-3	0	0
-3	-3	-3	-3	1	0
-3	-3	-3	-3	2	0
-3	-3	-3	-3	3	0
-3	-3	-3	-2	-3	0
-3	-3	-3	-2	-2	0
-3	-3	-3	-2	-1	0
-3	-3	-3	-2	0	0
-3	-3	-3	-2	1	0
-3	-3	-3	-2	2	0
-3	-3	-3	-2	3	0
-3	-3	-3	-1	-3	0
-3	-3	-3	-1	-2	0
-3	-3	-3	-1	-1	0
-3	-3	-3	-1	0	0
-3	-3	-3	-1	1	0
-3	-3	-3	-1	2	0
-3	-3	-3	-1	3	0
-3	-3	-3	0	-3	0
-3	-3	-3	0	-2	0
-3	-3	-3	0	-1	0
-3	-3	-3	0	0	0
-3	-3	-3	0	1	0
-3	-3	-3	0	2	0
-3	-3	-3	0	3	0
-3	-3	-3	1	-3	0
-3	-3	-3	1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	-3	1	-1	0
-3	-3	-3	1	0	0
-3	-3	-3	1	1	0
-3	-3	-3	1	2	0
-3	-3	-3	1	3	0
-3	-3	-3	2	-3	0
-3	-3	-3	2	-2	0
-3	-3	-3	2	-1	0
-3	-3	-3	2	0	0
-3	-3	-3	2	1	0
-3	-3	-3	2	2	0
-3	-3	-3	2	3	0
-3	-3	-3	3	-3	0
-3	-3	-3	3	-2	0
-3	-3	-3	3	-1	0
-3	-3	-3	3	0	0
-3	-3	-3	3	1	0
-3	-3	-3	3	2	0
-3	-3	-3	3	3	0
-3	-3	-2	-3	-3	0
-3	-3	-2	-3	-2	0
-3	-3	-2	-3	-1	0
-3	-3	-2	-3	0	0
-3	-3	-2	-3	1	0
-3	-3	-2	-3	2	0
-3	-3	-2	-3	3	0
-3	-3	-2	-2	-3	0
-3	-3	-2	-2	-2	0
-3	-3	-2	-2	-1	0
-3	-3	-2	-2	0	0
-3	-3	-2	-2	1	0
-3	-3	-2	-2	2	0
-3	-3	-2	-2	3	0
-3	-3	-2	-1	-3	0
-3	-3	-2	-1	-2	0
-3	-3	-2	-1	-1	0
-3	-3	-2	-1	0	0
-3	-3	-2	-1	1	0
-3	-3	-2	-1	2	0
-3	-3	-2	-1	3	0
-3	-3	-2	0	-3	0
-3	-3	-2	0	-2	0
-3	-3	-2	0	-1	0
-3	-3	-2	0	0	0
-3	-3	-2	0	1	0
-3	-3	-2	0	2	0
-3	-3	-2	0	3	0
-3	-3	-2	1	-3	0
-3	-3	-2	1	-2	0
-3	-3	-2	1	-1	0
-3	-3	-2	1	0	0
-3	-3	-2	1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	-2	1	2	0
-3	-3	-2	1	3	0
-3	-3	-2	2	-3	0
-3	-3	-2	2	-2	0
-3	-3	-2	2	-1	0
-3	-3	-2	2	0	0
-3	-3	-2	2	1	0
-3	-3	-2	2	2	0
-3	-3	-2	2	3	0
-3	-3	-2	3	-3	0
-3	-3	-2	3	-2	0
-3	-3	-2	3	-1	0
-3	-3	-2	3	0	0
-3	-3	-2	3	1	0
-3	-3	-2	3	2	0
-3	-3	-2	3	3	0
-3	-3	-1	-3	-3	0
-3	-3	-1	-3	-2	0
-3	-3	-1	-3	-1	0
-3	-3	-1	-3	0	0
-3	-3	-1	-3	1	0
-3	-3	-1	-3	2	0
-3	-3	-1	-3	3	0
-3	-3	-1	-2	-3	0
-3	-3	-1	-2	-2	0
-3	-3	-1	-2	-1	0
-3	-3	-1	-2	0	0
-3	-3	-1	-2	1	0
-3	-3	-1	-2	2	0
-3	-3	-1	-2	3	0
-3	-3	-1	-1	-3	0
-3	-3	-1	-1	-2	0
-3	-3	-1	-1	-1	0
-3	-3	-1	-1	0	0
-3	-3	-1	-1	1	0
-3	-3	-1	-1	2	0
-3	-3	-1	-1	3	0
-3	-3	-1	0	-3	0
-3	-3	-1	0	-2	0
-3	-3	-1	0	-1	0
-3	-3	-1	0	0	0
-3	-3	-1	0	1	0
-3	-3	-1	0	2	0
-3	-3	-1	0	3	0
-3	-3	-1	1	-3	0
-3	-3	-1	1	-2	0
-3	-3	-1	1	-1	0
-3	-3	-1	1	0	0
-3	-3	-1	1	1	0
-3	-3	-1	1	2	0
-3	-3	-1	1	3	0
-3	-3	-1	2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	-1	2	-2	0
-3	-3	-1	2	-1	0
-3	-3	-1	2	0	0
-3	-3	-1	2	1	0
-3	-3	-1	2	2	0
-3	-3	-1	2	3	0
-3	-3	-1	3	-3	0
-3	-3	-1	3	-2	0
-3	-3	-1	3	-1	0
-3	-3	-1	3	0	0
-3	-3	-1	3	1	0
-3	-3	-1	3	2	0
-3	-3	-1	3	3	0
-3	-3	0	-3	-3	0
-3	-3	0	-3	-2	0
-3	-3	0	-3	-1	0
-3	-3	0	-3	0	0
-3	-3	0	-3	1	0
-3	-3	0	-3	2	0
-3	-3	0	-3	3	0
-3	-3	0	-2	-3	0
-3	-3	0	-2	-2	0
-3	-3	0	-2	-1	0
-3	-3	0	-2	0	0
-3	-3	0	-2	1	0
-3	-3	0	-2	2	0
-3	-3	0	-2	3	0
-3	-3	0	-1	-3	0
-3	-3	0	-1	-2	0
-3	-3	0	-1	-1	0
-3	-3	0	-1	0	0
-3	-3	0	-1	1	0
-3	-3	0	-1	2	0
-3	-3	0	-1	3	0
-3	-3	0	0	-3	0
-3	-3	0	0	-2	0
-3	-3	0	0	-1	0
-3	-3	0	0	0	0
-3	-3	0	0	1	0
-3	-3	0	0	2	0
-3	-3	0	0	3	0
-3	-3	0	1	-3	0
-3	-3	0	1	-2	0
-3	-3	0	1	-1	0
-3	-3	0	1	0	0
-3	-3	0	1	1	0
-3	-3	0	1	2	0
-3	-3	0	1	3	0
-3	-3	0	2	-3	0
-3	-3	0	2	-2	0
-3	-3	0	2	-1	0
-3	-3	0	2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	0	2	1	0
-3	-3	0	2	2	0
-3	-3	0	2	3	0
-3	-3	0	3	-3	0
-3	-3	0	3	-2	0
-3	-3	0	3	-1	0
-3	-3	0	3	0	0
-3	-3	0	3	1	0
-3	-3	0	3	2	0
-3	-3	0	3	3	0
-3	-3	1	-3	-3	0
-3	-3	1	-3	-2	0
-3	-3	1	-3	-1	0
-3	-3	1	-3	0	0
-3	-3	1	-3	1	0
-3	-3	1	-3	2	0
-3	-3	1	-3	3	0
-3	-3	1	-2	-3	0
-3	-3	1	-2	-2	0
-3	-3	1	-2	-1	0
-3	-3	1	-2	0	0
-3	-3	1	-2	1	0
-3	-3	1	-2	2	0
-3	-3	1	-2	3	0
-3	-3	1	-1	-3	0
-3	-3	1	-1	-2	0
-3	-3	1	-1	-1	0
-3	-3	1	-1	0	0
-3	-3	1	-1	1	0
-3	-3	1	-1	2	0
-3	-3	1	-1	3	0
-3	-3	1	0	-3	0
-3	-3	1	0	-2	0
-3	-3	1	0	-1	0
-3	-3	1	0	0	0
-3	-3	1	0	1	0
-3	-3	1	0	2	0
-3	-3	1	0	3	0
-3	-3	1	1	-3	0
-3	-3	1	1	-2	0
-3	-3	1	1	-1	0
-3	-3	1	1	0	0
-3	-3	1	1	1	0
-3	-3	1	1	2	0
-3	-3	1	1	3	0
-3	-3	1	2	-3	0
-3	-3	1	2	-2	0
-3	-3	1	2	-1	0
-3	-3	1	2	0	0
-3	-3	1	2	1	0
-3	-3	1	2	2	0
-3	-3	1	2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	1	3	-3	0
-3	-3	1	3	-2	0
-3	-3	1	3	-1	0
-3	-3	1	3	0	0
-3	-3	1	3	1	0
-3	-3	1	3	2	0
-3	-3	1	3	3	0
-3	-3	2	-3	-3	0
-3	-3	2	-3	-2	0
-3	-3	2	-3	-1	0
-3	-3	2	-3	0	0
-3	-3	2	-3	1	0
-3	-3	2	-3	2	0
-3	-3	2	-3	3	0
-3	-3	2	-2	-3	0
-3	-3	2	-2	-2	0
-3	-3	2	-2	-1	0
-3	-3	2	-2	0	0
-3	-3	2	-2	1	0
-3	-3	2	-2	2	0
-3	-3	2	-2	3	0
-3	-3	2	-1	-3	0
-3	-3	2	-1	-2	0
-3	-3	2	-1	-1	0
-3	-3	2	-1	0	0
-3	-3	2	-1	1	0
-3	-3	2	-1	2	0
-3	-3	2	-1	3	0
-3	-3	2	0	-3	0
-3	-3	2	0	-2	0
-3	-3	2	0	-1	0
-3	-3	2	0	0	0
-3	-3	2	0	1	0
-3	-3	2	0	2	0
-3	-3	2	0	3	0
-3	-3	2	1	-3	0
-3	-3	2	1	-2	0
-3	-3	2	1	-1	0
-3	-3	2	1	0	0
-3	-3	2	1	1	0
-3	-3	2	1	2	0
-3	-3	2	1	3	0
-3	-3	2	2	-3	0
-3	-3	2	2	-2	0
-3	-3	2	2	-1	0
-3	-3	2	2	0	0
-3	-3	2	2	1	0
-3	-3	2	2	2	0
-3	-3	2	2	3	0
-3	-3	2	3	-3	0
-3	-3	2	3	-2	0
-3	-3	2	3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	2	3	0	0
-3	-3	2	3	1	0
-3	-3	2	3	2	0
-3	-3	2	3	3	0
-3	-3	3	-3	-3	0
-3	-3	3	-3	-2	0
-3	-3	3	-3	-1	0
-3	-3	3	-3	0	0
-3	-3	3	-3	1	0
-3	-3	3	-3	2	0
-3	-3	3	-3	3	0
-3	-3	3	-2	-3	0
-3	-3	3	-2	-2	0
-3	-3	3	-2	-1	0
-3	-3	3	-2	0	0
-3	-3	3	-2	1	0
-3	-3	3	-2	2	0
-3	-3	3	-2	3	0
-3	-3	3	-1	-3	0
-3	-3	3	-1	-2	0
-3	-3	3	-1	-1	0
-3	-3	3	-1	0	0
-3	-3	3	-1	1	0
-3	-3	3	-1	2	0
-3	-3	3	-1	3	0
-3	-3	3	0	-3	0
-3	-3	3	0	-2	0
-3	-3	3	0	-1	0
-3	-3	3	0	0	0
-3	-3	3	0	1	0
-3	-3	3	0	2	0
-3	-3	3	0	3	0
-3	-3	3	1	-3	0
-3	-3	3	1	-2	0
-3	-3	3	1	-1	0
-3	-3	3	1	0	0
-3	-3	3	1	1	0
-3	-3	3	1	2	0
-3	-3	3	1	3	0
-3	-3	3	2	-3	0
-3	-3	3	2	-2	0
-3	-3	3	2	-1	0
-3	-3	3	2	0	0
-3	-3	3	2	1	0
-3	-3	3	2	2	0
-3	-3	3	2	3	0
-3	-3	3	3	-3	0
-3	-3	3	3	-2	0
-3	-3	3	3	-1	0
-3	-3	3	3	0	0
-3	-3	3	3	1	0
-3	-3	3	3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-3	3	3	3	0
-3	-2	-3	-3	-3	0
-3	-2	-3	-3	-2	0
-3	-2	-3	-3	-1	0
-3	-2	-3	-3	0	0
-3	-2	-3	-3	1	0
-3	-2	-3	-3	2	0
-3	-2	-3	-3	3	0
-3	-2	-3	-2	-3	0
-3	-2	-3	-2	-2	0
-3	-2	-3	-2	-1	0
-3	-2	-3	-2	0	0
-3	-2	-3	-2	1	0
-3	-2	-3	-2	2	0
-3	-2	-3	-2	3	0
-3	-2	-3	-1	-3	0
-3	-2	-3	-1	-2	0
-3	-2	-3	-1	-1	0
-3	-2	-3	-1	0	0
-3	-2	-3	-1	1	0
-3	-2	-3	-1	2	0
-3	-2	-3	-1	3	0
-3	-2	-3	0	-3	0
-3	-2	-3	0	-2	0
-3	-2	-3	0	-1	0
-3	-2	-3	0	0	0
-3	-2	-3	0	1	0
-3	-2	-3	0	2	0
-3	-2	-3	0	3	0
-3	-2	-3	1	-3	0
-3	-2	-3	1	-2	0
-3	-2	-3	1	-1	0
-3	-2	-3	1	0	0
-3	-2	-3	1	1	0
-3	-2	-3	1	2	0
-3	-2	-3	1	3	0
-3	-2	-3	2	-3	0
-3	-2	-3	2	-2	0
-3	-2	-3	2	-1	0
-3	-2	-3	2	0	0
-3	-2	-3	2	1	0
-3	-2	-3	2	2	0
-3	-2	-3	2	3	0
-3	-2	-3	3	-3	0
-3	-2	-3	3	-2	0
-3	-2	-3	3	-1	0
-3	-2	-3	3	0	0
-3	-2	-3	3	1	0
-3	-2	-3	3	2	0
-3	-2	-3	3	3	0
-3	-2	-2	-3	-3	0
-3	-2	-2	-3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-2	-2	-3	-1	0
-3	-2	-2	-3	0	0
-3	-2	-2	-3	1	0
-3	-2	-2	-3	2	0
-3	-2	-2	-3	3	0
-3	-2	-2	-2	-3	0
-3	-2	-2	-2	-2	0
-3	-2	-2	-2	-1	0
-3	-2	-2	-2	0	0
-3	-2	-2	-2	1	0
-3	-2	-2	-2	2	0
-3	-2	-2	-2	3	0
-3	-2	-2	-1	-3	0
-3	-2	-2	-1	-2	0
-3	-2	-2	-1	-1	0
-3	-2	-2	-1	0	0
-3	-2	-2	-1	1	0
-3	-2	-2	-1	2	0
-3	-2	-2	-1	3	0
-3	-2	-2	0	-3	0
-3	-2	-2	0	-2	0
-3	-2	-2	0	-1	0
-3	-2	-2	0	0	0
-3	-2	-2	0	1	0
-3	-2	-2	0	2	0
-3	-2	-2	0	3	0
-3	-2	-2	1	-3	0
-3	-2	-2	1	-2	0
-3	-2	-2	1	-1	0
-3	-2	-2	1	0	0
-3	-2	-2	1	1	0
-3	-2	-2	1	2	0
-3	-2	-2	1	3	0
-3	-2	-2	2	-3	0
-3	-2	-2	2	-2	0
-3	-2	-2	2	-1	0
-3	-2	-2	2	0	0
-3	-2	-2	2	1	0
-3	-2	-2	2	2	0
-3	-2	-2	2	3	0
-3	-2	-2	3	-3	0
-3	-2	-2	3	-2	0
-3	-2	-2	3	-1	0
-3	-2	-2	3	0	0
-3	-2	-2	3	1	0
-3	-2	-2	3	2	0
-3	-2	-2	3	3	0
-3	-2	-1	-3	-3	0
-3	-2	-1	-3	-2	0
-3	-2	-1	-3	-1	0
-3	-2	-1	-3	0	0
-3	-2	-1	-3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-2	-1	-3	2	0
-3	-2	-1	-3	3	0
-3	-2	-1	-2	-3	0
-3	-2	-1	-2	-2	0
-3	-2	-1	-2	-1	0
-3	-2	-1	-2	0	0
-3	-2	-1	-2	1	0
-3	-2	-1	-2	2	0
-3	-2	-1	-2	3	0
-3	-2	-1	-1	-3	0
-3	-2	-1	-1	-2	0
-3	-2	-1	-1	-1	0
-3	-2	-1	-1	0	0
-3	-2	-1	-1	1	0
-3	-2	-1	-1	2	0
-3	-2	-1	-1	3	0
-3	-2	-1	0	-3	0
-3	-2	-1	0	-2	0
-3	-2	-1	0	-1	0
-3	-2	-1	0	0	0
-3	-2	-1	0	1	0
-3	-2	-1	0	2	0
-3	-2	-1	0	3	0
-3	-2	-1	1	-3	0
-3	-2	-1	1	-2	0
-3	-2	-1	1	-1	0
-3	-2	-1	1	0	0
-3	-2	-1	1	1	0
-3	-2	-1	1	2	0
-3	-2	-1	1	3	0
-3	-2	-1	2	-3	0
-3	-2	-1	2	-2	0
-3	-2	-1	2	-1	0
-3	-2	-1	2	0	0
-3	-2	-1	2	1	0
-3	-2	-1	2	2	0
-3	-2	-1	2	3	0
-3	-2	-1	3	-3	0
-3	-2	-1	3	-2	0
-3	-2	-1	3	-1	0
-3	-2	-1	3	0	0
-3	-2	-1	3	1	0
-3	-2	-1	3	2	0
-3	-2	-1	3	3	0
-3	-2	0	-3	-3	0
-3	-2	0	-3	-2	0
-3	-2	0	-3	-1	0
-3	-2	0	-3	0	0
-3	-2	0	-3	1	0
-3	-2	0	-3	2	0
-3	-2	0	-3	3	0
-3	-2	0	-2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-2	0	-2	-2	0
-3	-2	0	-2	-1	0
-3	-2	0	-2	0	0
-3	-2	0	-2	1	0
-3	-2	0	-2	2	0
-3	-2	0	-2	3	0
-3	-2	0	-1	-3	0
-3	-2	0	-1	-2	0
-3	-2	0	-1	-1	0
-3	-2	0	-1	0	0
-3	-2	0	-1	1	0
-3	-2	0	-1	2	0
-3	-2	0	-1	3	0
-3	-2	0	0	-3	0
-3	-2	0	0	-2	0
-3	-2	0	0	-1	0
-3	-2	0	0	0	0
-3	-2	0	0	1	0
-3	-2	0	0	2	0
-3	-2	0	0	3	0
-3	-2	0	1	-3	0
-3	-2	0	1	-2	0
-3	-2	0	1	-1	0
-3	-2	0	1	0	0
-3	-2	0	1	1	0
-3	-2	0	1	2	0
-3	-2	0	1	3	0
-3	-2	0	2	-3	0
-3	-2	0	2	-2	0
-3	-2	0	2	-1	0
-3	-2	0	2	0	0
-3	-2	0	2	1	0
-3	-2	0	2	2	0
-3	-2	0	2	3	0
-3	-2	0	3	-3	0
-3	-2	0	3	-2	0
-3	-2	0	3	-1	0
-3	-2	0	3	0	0
-3	-2	0	3	1	0
-3	-2	0	3	2	0
-3	-2	0	3	3	0
-3	-2	1	-3	-3	0
-3	-2	1	-3	-2	0
-3	-2	1	-3	-1	0
-3	-2	1	-3	0	0
-3	-2	1	-3	1	0
-3	-2	1	-3	2	0
-3	-2	1	-3	3	0
-3	-2	1	-2	-3	0
-3	-2	1	-2	-2	0
-3	-2	1	-2	-1	0
-3	-2	1	-2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-2	1	-2	1	0
-3	-2	1	-2	2	0
-3	-2	1	-2	3	0
-3	-2	1	-1	-3	0
-3	-2	1	-1	-2	0
-3	-2	1	-1	-1	0
-3	-2	1	-1	0	0
-3	-2	1	-1	1	0
-3	-2	1	-1	2	0
-3	-2	1	-1	3	0
-3	-2	1	0	-3	0
-3	-2	1	0	-2	0
-3	-2	1	0	-1	0
-3	-2	1	0	0	0
-3	-2	1	0	1	0
-3	-2	1	0	2	0
-3	-2	1	0	3	0
-3	-2	1	1	-3	0
-3	-2	1	1	-2	0
-3	-2	1	1	-1	0
-3	-2	1	1	0	0
-3	-2	1	1	1	0
-3	-2	1	1	2	0
-3	-2	1	1	3	0
-3	-2	1	2	-3	0
-3	-2	1	2	-2	0
-3	-2	1	2	-1	0
-3	-2	1	2	0	0
-3	-2	1	2	1	0
-3	-2	1	2	2	0
-3	-2	1	2	3	0
-3	-2	1	3	-3	0
-3	-2	1	3	-2	0
-3	-2	1	3	-1	0
-3	-2	1	3	0	0
-3	-2	1	3	1	0
-3	-2	1	3	2	0
-3	-2	1	3	3	0
-3	-2	2	-3	-3	0
-3	-2	2	-3	-2	0
-3	-2	2	-3	-1	0
-3	-2	2	-3	0	0
-3	-2	2	-3	1	0
-3	-2	2	-3	2	0
-3	-2	2	-3	3	0
-3	-2	2	-2	-3	0
-3	-2	2	-2	-2	0
-3	-2	2	-2	-1	0
-3	-2	2	-2	0	0
-3	-2	2	-2	1	0
-3	-2	2	-2	2	0
-3	-2	2	-2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-2	2	-1	-3	0
-3	-2	2	-1	-2	0
-3	-2	2	-1	-1	0
-3	-2	2	-1	0	0
-3	-2	2	-1	1	0
-3	-2	2	-1	2	0
-3	-2	2	-1	3	0
-3	-2	2	0	-3	0
-3	-2	2	0	-2	0
-3	-2	2	0	-1	0
-3	-2	2	0	0	0
-3	-2	2	0	1	0
-3	-2	2	0	2	0
-3	-2	2	0	3	0
-3	-2	2	1	-3	0
-3	-2	2	1	-2	0
-3	-2	2	1	-1	0
-3	-2	2	1	0	0
-3	-2	2	1	1	0
-3	-2	2	1	2	0
-3	-2	2	1	3	0
-3	-2	2	2	-3	0
-3	-2	2	2	-2	0
-3	-2	2	2	-1	0
-3	-2	2	2	0	0
-3	-2	2	2	1	0
-3	-2	2	2	2	0
-3	-2	2	2	3	0
-3	-2	2	3	-3	0
-3	-2	2	3	-2	0
-3	-2	2	3	-1	0
-3	-2	2	3	0	0
-3	-2	2	3	1	0
-3	-2	2	3	2	0
-3	-2	2	3	3	0
-3	-2	3	-3	-3	0
-3	-2	3	-3	-2	0
-3	-2	3	-3	-1	0
-3	-2	3	-3	0	0
-3	-2	3	-3	1	0
-3	-2	3	-3	2	0
-3	-2	3	-3	3	0
-3	-2	3	-2	-3	0
-3	-2	3	-2	-2	0
-3	-2	3	-2	-1	0
-3	-2	3	-2	0	0
-3	-2	3	-2	1	0
-3	-2	3	-2	2	0
-3	-2	3	-2	3	0
-3	-2	3	-1	-3	0
-3	-2	3	-1	-2	0
-3	-2	3	-1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-2	3	-1	0	0
-3	-2	3	-1	1	0
-3	-2	3	-1	2	0
-3	-2	3	-1	3	0
-3	-2	3	0	-3	0
-3	-2	3	0	-2	0
-3	-2	3	0	-1	0
-3	-2	3	0	0	0
-3	-2	3	0	1	0
-3	-2	3	0	2	0
-3	-2	3	0	3	0
-3	-2	3	1	-3	0
-3	-2	3	1	-2	0
-3	-2	3	1	-1	0
-3	-2	3	1	0	0
-3	-2	3	1	1	0
-3	-2	3	1	2	0
-3	-2	3	1	3	0
-3	-2	3	2	-3	0
-3	-2	3	2	-2	0
-3	-2	3	2	-1	0
-3	-2	3	2	0	0
-3	-2	3	2	1	0
-3	-2	3	2	2	0
-3	-2	3	2	3	0
-3	-2	3	3	-3	0
-3	-2	3	3	-2	0
-3	-2	3	3	-1	0
-3	-2	3	3	0	0
-3	-2	3	3	1	0
-3	-2	3	3	2	0
-3	-2	3	3	3	0
-3	-1	-3	-3	-3	0
-3	-1	-3	-3	-2	0
-3	-1	-3	-3	-1	0
-3	-1	-3	-3	0	0
-3	-1	-3	-3	1	0
-3	-1	-3	-3	2	0
-3	-1	-3	-3	3	0
-3	-1	-3	-2	-3	0
-3	-1	-3	-2	-2	0
-3	-1	-3	-2	-1	0
-3	-1	-3	-2	0	0
-3	-1	-3	-2	1	0
-3	-1	-3	-2	2	0
-3	-1	-3	-2	3	0
-3	-1	-3	-1	-3	0
-3	-1	-3	-1	-2	0
-3	-1	-3	-1	-1	0
-3	-1	-3	-1	0	0
-3	-1	-3	-1	1	0
-3	-1	-3	-1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	-3	-1	3	0
-3	-1	-3	0	-3	0
-3	-1	-3	0	-2	0
-3	-1	-3	0	-1	0
-3	-1	-3	0	0	0
-3	-1	-3	0	1	0
-3	-1	-3	0	2	0
-3	-1	-3	0	3	0
-3	-1	-3	1	-3	0
-3	-1	-3	1	-2	0
-3	-1	-3	1	-1	0
-3	-1	-3	1	0	0
-3	-1	-3	1	1	0
-3	-1	-3	1	2	0
-3	-1	-3	1	3	0
-3	-1	-3	2	-3	0
-3	-1	-3	2	-2	0
-3	-1	-3	2	-1	0
-3	-1	-3	2	0	0
-3	-1	-3	2	1	0
-3	-1	-3	2	2	0
-3	-1	-3	2	3	0
-3	-1	-3	3	-3	0
-3	-1	-3	3	-2	0
-3	-1	-3	3	-1	0
-3	-1	-3	3	0	0
-3	-1	-3	3	1	0
-3	-1	-3	3	2	0
-3	-1	-3	3	3	0
-3	-1	-2	-3	-3	0
-3	-1	-2	-3	-2	0
-3	-1	-2	-3	-1	0
-3	-1	-2	-3	0	0
-3	-1	-2	-3	1	0
-3	-1	-2	-3	2	0
-3	-1	-2	-3	3	0
-3	-1	-2	-2	-3	0
-3	-1	-2	-2	-2	0
-3	-1	-2	-2	-1	0
-3	-1	-2	-2	0	0
-3	-1	-2	-2	1	0
-3	-1	-2	-2	2	0
-3	-1	-2	-2	3	0
-3	-1	-2	-1	-3	0
-3	-1	-2	-1	-2	0
-3	-1	-2	-1	-1	0
-3	-1	-2	-1	0	0
-3	-1	-2	-1	1	0
-3	-1	-2	-1	2	0
-3	-1	-2	-1	3	0
-3	-1	-2	0	-3	0
-3	-1	-2	0	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	-2	0	-1	0
-3	-1	-2	0	0	0
-3	-1	-2	0	1	0
-3	-1	-2	0	2	0
-3	-1	-2	0	3	0
-3	-1	-2	1	-3	0
-3	-1	-2	1	-2	0
-3	-1	-2	1	-1	0
-3	-1	-2	1	0	0
-3	-1	-2	1	1	0
-3	-1	-2	1	2	0
-3	-1	-2	1	3	0
-3	-1	-2	2	-3	0
-3	-1	-2	2	-2	0
-3	-1	-2	2	-1	0
-3	-1	-2	2	0	0
-3	-1	-2	2	1	0
-3	-1	-2	2	2	0
-3	-1	-2	2	3	0
-3	-1	-2	3	-3	0
-3	-1	-2	3	-2	0
-3	-1	-2	3	-1	0
-3	-1	-2	3	0	0
-3	-1	-2	3	1	0
-3	-1	-2	3	2	0
-3	-1	-2	3	3	0
-3	-1	-1	-3	-3	0
-3	-1	-1	-3	-2	0
-3	-1	-1	-3	-1	0
-3	-1	-1	-3	0	0
-3	-1	-1	-3	1	0
-3	-1	-1	-3	2	0
-3	-1	-1	-3	3	0
-3	-1	-1	-2	-3	0
-3	-1	-1	-2	-2	0
-3	-1	-1	-2	-1	0
-3	-1	-1	-2	0	0
-3	-1	-1	-2	1	0
-3	-1	-1	-2	2	0
-3	-1	-1	-2	3	0
-3	-1	-1	-1	-3	0
-3	-1	-1	-1	-2	0
-3	-1	-1	-1	-1	0
-3	-1	-1	-1	0	0
-3	-1	-1	-1	1	0
-3	-1	-1	-1	2	0
-3	-1	-1	-1	3	0
-3	-1	-1	0	-3	0
-3	-1	-1	0	-2	0
-3	-1	-1	0	-1	0
-3	-1	-1	0	0	0
-3	-1	-1	0	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	-1	0	2	0
-3	-1	-1	0	3	0
-3	-1	-1	1	-3	0
-3	-1	-1	1	-2	0
-3	-1	-1	1	-1	0
-3	-1	-1	1	0	0
-3	-1	-1	1	1	0
-3	-1	-1	1	2	0
-3	-1	-1	1	3	0
-3	-1	-1	2	-3	0
-3	-1	-1	2	-2	0
-3	-1	-1	2	-1	0
-3	-1	-1	2	0	0
-3	-1	-1	2	1	0
-3	-1	-1	2	2	0
-3	-1	-1	2	3	0
-3	-1	-1	3	-3	0
-3	-1	-1	3	-2	0
-3	-1	-1	3	-1	0
-3	-1	-1	3	0	0
-3	-1	-1	3	1	0
-3	-1	-1	3	2	0
-3	-1	-1	3	3	0
-3	-1	0	-3	-3	0
-3	-1	0	-3	-2	0
-3	-1	0	-3	-1	0
-3	-1	0	-3	0	0
-3	-1	0	-3	1	0
-3	-1	0	-3	2	0
-3	-1	0	-3	3	0
-3	-1	0	-2	-3	0
-3	-1	0	-2	-2	0
-3	-1	0	-2	-1	0
-3	-1	0	-2	0	0
-3	-1	0	-2	1	0
-3	-1	0	-2	2	0
-3	-1	0	-2	3	0
-3	-1	0	-1	-3	0
-3	-1	0	-1	-2	0
-3	-1	0	-1	-1	0
-3	-1	0	-1	0	0
-3	-1	0	-1	1	0
-3	-1	0	-1	2	0
-3	-1	0	-1	3	0
-3	-1	0	0	-3	0
-3	-1	0	0	-2	0
-3	-1	0	0	-1	0
-3	-1	0	0	0	0
-3	-1	0	0	1	0
-3	-1	0	0	2	0
-3	-1	0	0	3	0
-3	-1	0	1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	0	1	-2	0
-3	-1	0	1	-1	0
-3	-1	0	1	0	0
-3	-1	0	1	1	0
-3	-1	0	1	2	0
-3	-1	0	1	3	0
-3	-1	0	2	-3	0
-3	-1	0	2	-2	0
-3	-1	0	2	-1	0
-3	-1	0	2	0	0
-3	-1	0	2	1	0
-3	-1	0	2	2	0
-3	-1	0	2	3	0
-3	-1	0	3	-3	0
-3	-1	0	3	-2	0
-3	-1	0	3	-1	0
-3	-1	0	3	0	0
-3	-1	0	3	1	0
-3	-1	0	3	2	0
-3	-1	0	3	3	0
-3	-1	1	-3	-3	0
-3	-1	1	-3	-2	0
-3	-1	1	-3	-1	0
-3	-1	1	-3	0	0
-3	-1	1	-3	1	0
-3	-1	1	-3	2	0
-3	-1	1	-3	3	0
-3	-1	1	-2	-3	0
-3	-1	1	-2	-2	0
-3	-1	1	-2	-1	0
-3	-1	1	-2	0	0
-3	-1	1	-2	1	0
-3	-1	1	-2	2	0
-3	-1	1	-2	3	0
-3	-1	1	-1	-3	0
-3	-1	1	-1	-2	0
-3	-1	1	-1	-1	0
-3	-1	1	-1	0	0
-3	-1	1	-1	1	0
-3	-1	1	-1	2	0
-3	-1	1	-1	3	0
-3	-1	1	0	-3	0
-3	-1	1	0	-2	0
-3	-1	1	0	-1	0
-3	-1	1	0	0	0
-3	-1	1	0	1	0
-3	-1	1	0	2	0
-3	-1	1	0	3	0
-3	-1	1	1	-3	0
-3	-1	1	1	-2	0
-3	-1	1	1	-1	0
-3	-1	1	1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	1	1	1	0
-3	-1	1	1	2	0
-3	-1	1	1	3	0
-3	-1	1	2	-3	0
-3	-1	1	2	-2	0
-3	-1	1	2	-1	0
-3	-1	1	2	0	0
-3	-1	1	2	1	0
-3	-1	1	2	2	0
-3	-1	1	2	3	0
-3	-1	1	3	-3	0
-3	-1	1	3	-2	0
-3	-1	1	3	-1	0
-3	-1	1	3	0	0
-3	-1	1	3	1	0
-3	-1	1	3	2	0
-3	-1	1	3	3	0
-3	-1	2	-3	-3	0
-3	-1	2	-3	-2	0
-3	-1	2	-3	-1	0
-3	-1	2	-3	0	0
-3	-1	2	-3	1	0
-3	-1	2	-3	2	0
-3	-1	2	-3	3	0
-3	-1	2	-2	-3	0
-3	-1	2	-2	-2	0
-3	-1	2	-2	-1	0
-3	-1	2	-2	0	0
-3	-1	2	-2	1	0
-3	-1	2	-2	2	0
-3	-1	2	-2	3	0
-3	-1	2	-1	-3	0
-3	-1	2	-1	-2	0
-3	-1	2	-1	-1	0
-3	-1	2	-1	0	0
-3	-1	2	-1	1	0
-3	-1	2	-1	2	0
-3	-1	2	-1	3	0
-3	-1	2	0	-3	0
-3	-1	2	0	-2	0
-3	-1	2	0	-1	0
-3	-1	2	0	0	0
-3	-1	2	0	1	0
-3	-1	2	0	2	0
-3	-1	2	0	3	0
-3	-1	2	1	-3	0
-3	-1	2	1	-2	0
-3	-1	2	1	-1	0
-3	-1	2	1	0	0
-3	-1	2	1	1	0
-3	-1	2	1	2	0
-3	-1	2	1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	2	2	-3	0
-3	-1	2	2	-2	0
-3	-1	2	2	-1	0
-3	-1	2	2	0	0
-3	-1	2	2	1	0
-3	-1	2	2	2	0
-3	-1	2	2	3	0
-3	-1	2	3	-3	0
-3	-1	2	3	-2	0
-3	-1	2	3	-1	0
-3	-1	2	3	0	0
-3	-1	2	3	1	0
-3	-1	2	3	2	0
-3	-1	2	3	3	0
-3	-1	3	-3	-3	0
-3	-1	3	-3	-2	0
-3	-1	3	-3	-1	0
-3	-1	3	-3	0	0
-3	-1	3	-3	1	0
-3	-1	3	-3	2	0
-3	-1	3	-3	3	0
-3	-1	3	-2	-3	0
-3	-1	3	-2	-2	0
-3	-1	3	-2	-1	0
-3	-1	3	-2	0	0
-3	-1	3	-2	1	0
-3	-1	3	-2	2	0
-3	-1	3	-2	3	0
-3	-1	3	-1	-3	0
-3	-1	3	-1	-2	0
-3	-1	3	-1	-1	0
-3	-1	3	-1	0	0
-3	-1	3	-1	1	0
-3	-1	3	-1	2	0
-3	-1	3	-1	3	0
-3	-1	3	0	-3	0
-3	-1	3	0	-2	0
-3	-1	3	0	-1	0
-3	-1	3	0	0	0
-3	-1	3	0	1	0
-3	-1	3	0	2	0
-3	-1	3	0	3	0
-3	-1	3	1	-3	0
-3	-1	3	1	-2	0
-3	-1	3	1	-1	0
-3	-1	3	1	0	0
-3	-1	3	1	1	0
-3	-1	3	1	2	0
-3	-1	3	1	3	0
-3	-1	3	2	-3	0
-3	-1	3	2	-2	0
-3	-1	3	2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	-1	3	2	0	0
-3	-1	3	2	1	0
-3	-1	3	2	2	0
-3	-1	3	2	3	0
-3	-1	3	3	-3	0
-3	-1	3	3	-2	0
-3	-1	3	3	-1	0
-3	-1	3	3	0	0
-3	-1	3	3	1	0
-3	-1	3	3	2	0
-3	-1	3	3	3	0
-3	0	-3	-3	-3	0
-3	0	-3	-3	-2	0
-3	0	-3	-3	-1	0
-3	0	-3	-3	0	0
-3	0	-3	-3	1	0
-3	0	-3	-3	2	0
-3	0	-3	-3	3	0
-3	0	-3	-2	-3	0
-3	0	-3	-2	-2	0
-3	0	-3	-2	-1	0
-3	0	-3	-2	0	0
-3	0	-3	-2	1	0
-3	0	-3	-2	2	0
-3	0	-3	-2	3	0
-3	0	-3	-1	-3	0
-3	0	-3	-1	-2	0
-3	0	-3	-1	-1	0
-3	0	-3	-1	0	0
-3	0	-3	-1	1	0
-3	0	-3	-1	2	0
-3	0	-3	-1	3	0
-3	0	-3	0	-3	0
-3	0	-3	0	-2	0
-3	0	-3	0	-1	0
-3	0	-3	0	0	0
-3	0	-3	0	1	0
-3	0	-3	0	2	0
-3	0	-3	0	3	0
-3	0	-3	1	-3	0
-3	0	-3	1	-2	0
-3	0	-3	1	-1	0
-3	0	-3	1	0	0
-3	0	-3	1	1	0
-3	0	-3	1	2	0
-3	0	-3	1	3	0
-3	0	-3	2	-3	0
-3	0	-3	2	-2	0
-3	0	-3	2	-1	0
-3	0	-3	2	0	0
-3	0	-3	2	1	0
-3	0	-3	2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	0	-3	2	3	0
-3	0	-3	3	-3	0
-3	0	-3	3	-2	0
-3	0	-3	3	-1	0
-3	0	-3	3	0	0
-3	0	-3	3	1	0
-3	0	-3	3	2	0
-3	0	-3	3	3	0
-3	0	-2	-3	-3	0
-3	0	-2	-3	-2	0
-3	0	-2	-3	-1	0
-3	0	-2	-3	0	0
-3	0	-2	-3	1	0
-3	0	-2	-3	2	0
-3	0	-2	-3	3	0
-3	0	-2	-2	-3	0
-3	0	-2	-2	-2	0
-3	0	-2	-2	-1	0
-3	0	-2	-2	0	0
-3	0	-2	-2	1	0
-3	0	-2	-2	2	0
-3	0	-2	-2	3	0
-3	0	-2	-1	-3	0
-3	0	-2	-1	-2	0
-3	0	-2	-1	-1	0
-3	0	-2	-1	0	0
-3	0	-2	-1	1	0
-3	0	-2	-1	2	0
-3	0	-2	-1	3	0
-3	0	-2	0	-3	0
-3	0	-2	0	-2	0
-3	0	-2	0	-1	0
-3	0	-2	0	0	0
-3	0	-2	0	1	0
-3	0	-2	0	2	0
-3	0	-2	0	3	0
-3	0	-2	1	-3	0
-3	0	-2	1	-2	0
-3	0	-2	1	-1	0
-3	0	-2	1	0	0
-3	0	-2	1	1	0
-3	0	-2	1	2	0
-3	0	-2	1	3	0
-3	0	-2	2	-3	0
-3	0	-2	2	-2	0
-3	0	-2	2	-1	0
-3	0	-2	2	0	0
-3	0	-2	2	1	0
-3	0	-2	2	2	0
-3	0	-2	2	3	0
-3	0	-2	3	-3	0
-3	0	-2	3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	0	-2	3	-1	0
-3	0	-2	3	0	0
-3	0	-2	3	1	0
-3	0	-2	3	2	0
-3	0	-2	3	3	0
-3	0	-1	-3	-3	0
-3	0	-1	-3	-2	0
-3	0	-1	-3	-1	0
-3	0	-1	-3	0	0
-3	0	-1	-3	1	0
-3	0	-1	-3	2	0
-3	0	-1	-3	3	0
-3	0	-1	-2	-3	0
-3	0	-1	-2	-2	0
-3	0	-1	-2	-1	0
-3	0	-1	-2	0	0
-3	0	-1	-2	1	0
-3	0	-1	-2	2	0
-3	0	-1	-2	3	0
-3	0	-1	-1	-3	0
-3	0	-1	-1	-2	0
-3	0	-1	-1	-1	0
-3	0	-1	-1	0	0
-3	0	-1	-1	1	0
-3	0	-1	-1	2	0
-3	0	-1	-1	3	0
-3	0	-1	0	-3	0
-3	0	-1	0	-2	0
-3	0	-1	0	-1	0
-3	0	-1	0	0	0
-3	0	-1	0	1	0
-3	0	-1	0	2	0
-3	0	-1	0	3	0
-3	0	-1	1	-3	0
-3	0	-1	1	-2	0
-3	0	-1	1	-1	0
-3	0	-1	1	0	0
-3	0	-1	1	1	0
-3	0	-1	1	2	0
-3	0	-1	1	3	0
-3	0	-1	2	-3	0
-3	0	-1	2	-2	0
-3	0	-1	2	-1	0
-3	0	-1	2	0	0
-3	0	-1	2	1	0
-3	0	-1	2	2	0
-3	0	-1	2	3	0
-3	0	-1	3	-3	0
-3	0	-1	3	-2	0
-3	0	-1	3	-1	0
-3	0	-1	3	0	0
-3	0	-1	3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	0	-1	3	2	0
-3	0	-1	3	3	0
-3	0	0	-3	-3	0
-3	0	0	-3	-2	0
-3	0	0	-3	-1	0
-3	0	0	-3	0	0
-3	0	0	-3	1	0
-3	0	0	-3	2	0
-3	0	0	-3	3	0
-3	0	0	-2	-3	0
-3	0	0	-2	-2	0
-3	0	0	-2	-1	0
-3	0	0	-2	0	0
-3	0	0	-2	1	0
-3	0	0	-2	2	0
-3	0	0	-2	3	0
-3	0	0	-1	-3	0
-3	0	0	-1	-2	0
-3	0	0	-1	-1	0
-3	0	0	-1	0	0
-3	0	0	-1	1	0
-3	0	0	-1	2	0
-3	0	0	-1	3	0
-3	0	0	0	-3	0
-3	0	0	0	-2	0
-3	0	0	0	-1	0
-3	0	0	0	0	0
-3	0	0	0	1	0
-3	0	0	0	2	0
-3	0	0	0	3	0
-3	0	0	1	-3	0
-3	0	0	1	-2	0
-3	0	0	1	-1	0
-3	0	0	1	0	0
-3	0	0	1	1	0
-3	0	0	1	2	0
-3	0	0	1	3	0
-3	0	0	2	-3	0
-3	0	0	2	-2	0
-3	0	0	2	-1	0
-3	0	0	2	0	0
-3	0	0	2	1	0
-3	0	0	2	2	0
-3	0	0	2	3	0
-3	0	0	3	-3	0
-3	0	0	3	-2	0
-3	0	0	3	-1	0
-3	0	0	3	0	0
-3	0	0	3	1	0
-3	0	0	3	2	0
-3	0	0	3	3	0
-3	0	1	-3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	0	1	-3	-2	0
-3	0	1	-3	-1	0
-3	0	1	-3	0	0
-3	0	1	-3	1	0
-3	0	1	-3	2	0
-3	0	1	-3	3	0
-3	0	1	-2	-3	0
-3	0	1	-2	-2	0
-3	0	1	-2	-1	0
-3	0	1	-2	0	0
-3	0	1	-2	1	0
-3	0	1	-2	2	0
-3	0	1	-2	3	0
-3	0	1	-1	-3	0
-3	0	1	-1	-2	0
-3	0	1	-1	-1	0
-3	0	1	-1	0	0
-3	0	1	-1	1	0
-3	0	1	-1	2	0
-3	0	1	-1	3	0
-3	0	1	0	-3	0
-3	0	1	0	-2	0
-3	0	1	0	-1	0
-3	0	1	0	0	0
-3	0	1	0	1	0
-3	0	1	0	2	0
-3	0	1	0	3	0
-3	0	1	1	-3	0
-3	0	1	1	-2	0
-3	0	1	1	-1	0
-3	0	1	1	0	0
-3	0	1	1	1	0
-3	0	1	1	2	0
-3	0	1	1	3	0
-3	0	1	2	-3	0
-3	0	1	2	-2	0
-3	0	1	2	-1	0
-3	0	1	2	0	0
-3	0	1	2	1	0
-3	0	1	2	2	0
-3	0	1	2	3	0
-3	0	1	3	-3	0
-3	0	1	3	-2	0
-3	0	1	3	-1	0
-3	0	1	3	0	0
-3	0	1	3	1	0
-3	0	1	3	2	0
-3	0	1	3	3	0
-3	0	2	-3	-3	0
-3	0	2	-3	-2	0
-3	0	2	-3	-1	0
-3	0	2	-3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	0	2	-3	1	0
-3	0	2	-3	2	0
-3	0	2	-3	3	0
-3	0	2	-2	-3	0
-3	0	2	-2	-2	0
-3	0	2	-2	-1	0
-3	0	2	-2	0	0
-3	0	2	-2	1	0
-3	0	2	-2	2	0
-3	0	2	-2	3	0
-3	0	2	-1	-3	0
-3	0	2	-1	-2	0
-3	0	2	-1	-1	0
-3	0	2	-1	0	0
-3	0	2	-1	1	0
-3	0	2	-1	2	0
-3	0	2	-1	3	0
-3	0	2	0	-3	0
-3	0	2	0	-2	0
-3	0	2	0	-1	0
-3	0	2	0	0	0
-3	0	2	0	1	0
-3	0	2	0	2	0
-3	0	2	0	3	0
-3	0	2	1	-3	0
-3	0	2	1	-2	0
-3	0	2	1	-1	0
-3	0	2	1	0	0
-3	0	2	1	1	0
-3	0	2	1	2	0
-3	0	2	1	3	0
-3	0	2	2	-3	0
-3	0	2	2	-2	0
-3	0	2	2	-1	0
-3	0	2	2	0	0
-3	0	2	2	1	0
-3	0	2	2	2	0
-3	0	2	2	3	0
-3	0	2	3	-3	0
-3	0	2	3	-2	0
-3	0	2	3	-1	0
-3	0	2	3	0	0
-3	0	2	3	1	0
-3	0	2	3	2	0
-3	0	2	3	3	0
-3	0	3	-3	-3	0
-3	0	3	-3	-2	0
-3	0	3	-3	-1	0
-3	0	3	-3	0	0
-3	0	3	-3	1	0
-3	0	3	-3	2	0
-3	0	3	-3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	0	3	-2	-3	0
-3	0	3	-2	-2	0
-3	0	3	-2	-1	0
-3	0	3	-2	0	0
-3	0	3	-2	1	0
-3	0	3	-2	2	0
-3	0	3	-2	3	0
-3	0	3	-1	-3	0
-3	0	3	-1	-2	0
-3	0	3	-1	-1	0
-3	0	3	-1	0	0
-3	0	3	-1	1	0
-3	0	3	-1	2	0
-3	0	3	-1	3	0
-3	0	3	0	-3	0
-3	0	3	0	-2	0
-3	0	3	0	-1	0
-3	0	3	0	0	0
-3	0	3	0	1	0
-3	0	3	0	2	0
-3	0	3	0	3	0
-3	0	3	1	-3	0
-3	0	3	1	-2	0
-3	0	3	1	-1	0
-3	0	3	1	0	0
-3	0	3	1	1	0
-3	0	3	1	2	0
-3	0	3	1	3	0
-3	0	3	2	-3	0
-3	0	3	2	-2	0
-3	0	3	2	-1	0
-3	0	3	2	0	0
-3	0	3	2	1	0
-3	0	3	2	2	0
-3	0	3	2	3	0
-3	0	3	3	-3	0
-3	0	3	3	-2	0
-3	0	3	3	-1	0
-3	0	3	3	0	0
-3	0	3	3	1	0
-3	0	3	3	2	0
-3	0	3	3	3	0
-3	1	-3	-3	-3	0
-3	1	-3	-3	-2	0
-3	1	-3	-3	-1	0
-3	1	-3	-3	0	0
-3	1	-3	-3	1	0
-3	1	-3	-3	2	0
-3	1	-3	-3	3	0
-3	1	-3	-2	-3	0
-3	1	-3	-2	-2	0
-3	1	-3	-2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	-3	-2	0	0
-3	1	-3	-2	1	0
-3	1	-3	-2	2	0
-3	1	-3	-2	3	0
-3	1	-3	-1	-3	0
-3	1	-3	-1	-2	0
-3	1	-3	-1	-1	0
-3	1	-3	-1	0	0
-3	1	-3	-1	1	0
-3	1	-3	-1	2	0
-3	1	-3	-1	3	0
-3	1	-3	0	-3	0
-3	1	-3	0	-2	0
-3	1	-3	0	-1	0
-3	1	-3	0	0	0
-3	1	-3	0	1	0
-3	1	-3	0	2	0
-3	1	-3	0	3	0
-3	1	-3	1	-3	0
-3	1	-3	1	-2	0
-3	1	-3	1	-1	0
-3	1	-3	1	0	0
-3	1	-3	1	1	0
-3	1	-3	1	2	0
-3	1	-3	1	3	0
-3	1	-3	2	-3	0
-3	1	-3	2	-2	0
-3	1	-3	2	-1	0
-3	1	-3	2	0	0
-3	1	-3	2	1	0
-3	1	-3	2	2	0
-3	1	-3	2	3	0
-3	1	-3	3	-3	0
-3	1	-3	3	-2	0
-3	1	-3	3	-1	0
-3	1	-3	3	0	0
-3	1	-3	3	1	0
-3	1	-3	3	2	0
-3	1	-3	3	3	0
-3	1	-2	-3	-3	0
-3	1	-2	-3	-2	0
-3	1	-2	-3	-1	0
-3	1	-2	-3	0	0
-3	1	-2	-3	1	0
-3	1	-2	-3	2	0
-3	1	-2	-3	3	0
-3	1	-2	-2	-3	0
-3	1	-2	-2	-2	0
-3	1	-2	-2	-1	0
-3	1	-2	-2	0	0
-3	1	-2	-2	1	0
-3	1	-2	-2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	-2	-2	3	0
-3	1	-2	-1	-3	0
-3	1	-2	-1	-2	0
-3	1	-2	-1	-1	0
-3	1	-2	-1	0	0
-3	1	-2	-1	1	0
-3	1	-2	-1	2	0
-3	1	-2	-1	3	0
-3	1	-2	0	-3	0
-3	1	-2	0	-2	0
-3	1	-2	0	-1	0
-3	1	-2	0	0	0
-3	1	-2	0	1	0
-3	1	-2	0	2	0
-3	1	-2	0	3	0
-3	1	-2	1	-3	0
-3	1	-2	1	-2	0
-3	1	-2	1	-1	0
-3	1	-2	1	0	0
-3	1	-2	1	1	0
-3	1	-2	1	2	0
-3	1	-2	1	3	0
-3	1	-2	2	-3	0
-3	1	-2	2	-2	0
-3	1	-2	2	-1	0
-3	1	-2	2	0	0
-3	1	-2	2	1	0
-3	1	-2	2	2	0
-3	1	-2	2	3	0
-3	1	-2	3	-3	0
-3	1	-2	3	-2	0
-3	1	-2	3	-1	0
-3	1	-2	3	0	0
-3	1	-2	3	1	0
-3	1	-2	3	2	0
-3	1	-2	3	3	0
-3	1	-1	-3	-3	0
-3	1	-1	-3	-2	0
-3	1	-1	-3	-1	0
-3	1	-1	-3	0	0
-3	1	-1	-3	1	0
-3	1	-1	-3	2	0
-3	1	-1	-3	3	0
-3	1	-1	-2	-3	0
-3	1	-1	-2	-2	0
-3	1	-1	-2	-1	0
-3	1	-1	-2	0	0
-3	1	-1	-2	1	0
-3	1	-1	-2	2	0
-3	1	-1	-2	3	0
-3	1	-1	-1	-3	0
-3	1	-1	-1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	-1	-1	-1	0
-3	1	-1	-1	0	0
-3	1	-1	-1	1	0
-3	1	-1	-1	2	0
-3	1	-1	-1	3	0
-3	1	-1	0	-3	0
-3	1	-1	0	-2	0
-3	1	-1	0	-1	0
-3	1	-1	0	0	0
-3	1	-1	0	1	0
-3	1	-1	0	2	0
-3	1	-1	0	3	0
-3	1	-1	1	-3	0
-3	1	-1	1	-2	0
-3	1	-1	1	-1	0
-3	1	-1	1	0	0
-3	1	-1	1	1	0
-3	1	-1	1	2	0
-3	1	-1	1	3	0
-3	1	-1	2	-3	0
-3	1	-1	2	-2	0
-3	1	-1	2	-1	0
-3	1	-1	2	0	0
-3	1	-1	2	1	0
-3	1	-1	2	2	0
-3	1	-1	2	3	0
-3	1	-1	3	-3	0
-3	1	-1	3	-2	0
-3	1	-1	3	-1	0
-3	1	-1	3	0	0
-3	1	-1	3	1	0
-3	1	-1	3	2	0
-3	1	-1	3	3	0
-3	1	0	-3	-3	0
-3	1	0	-3	-2	0
-3	1	0	-3	-1	0
-3	1	0	-3	0	0
-3	1	0	-3	1	0
-3	1	0	-3	2	0
-3	1	0	-3	3	0
-3	1	0	-2	-3	0
-3	1	0	-2	-2	0
-3	1	0	-2	-1	0
-3	1	0	-2	0	0
-3	1	0	-2	1	0
-3	1	0	-2	2	0
-3	1	0	-2	3	0
-3	1	0	-1	-3	0
-3	1	0	-1	-2	0
-3	1	0	-1	-1	0
-3	1	0	-1	0	0
-3	1	0	-1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	0	-1	2	0
-3	1	0	-1	3	0
-3	1	0	0	-3	0
-3	1	0	0	-2	0
-3	1	0	0	-1	0
-3	1	0	0	0	0
-3	1	0	0	1	0
-3	1	0	0	2	0
-3	1	0	0	3	0
-3	1	0	1	-3	0
-3	1	0	1	-2	0
-3	1	0	1	-1	0
-3	1	0	1	0	0
-3	1	0	1	1	0
-3	1	0	1	2	0
-3	1	0	1	3	0
-3	1	0	2	-3	0
-3	1	0	2	-2	0
-3	1	0	2	-1	0
-3	1	0	2	0	0
-3	1	0	2	1	0
-3	1	0	2	2	0
-3	1	0	2	3	0
-3	1	0	3	-3	0
-3	1	0	3	-2	0
-3	1	0	3	-1	0
-3	1	0	3	0	0
-3	1	0	3	1	0
-3	1	0	3	2	0
-3	1	0	3	3	0
-3	1	1	-3	-3	0
-3	1	1	-3	-2	0
-3	1	1	-3	-1	0
-3	1	1	-3	0	0
-3	1	1	-3	1	0
-3	1	1	-3	2	0
-3	1	1	-3	3	0
-3	1	1	-2	-3	0
-3	1	1	-2	-2	0
-3	1	1	-2	-1	0
-3	1	1	-2	0	0
-3	1	1	-2	1	0
-3	1	1	-2	2	0
-3	1	1	-2	3	0
-3	1	1	-1	-3	0
-3	1	1	-1	-2	0
-3	1	1	-1	-1	0
-3	1	1	-1	0	0
-3	1	1	-1	1	0
-3	1	1	-1	2	0
-3	1	1	-1	3	0
-3	1	1	0	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	1	0	-2	0
-3	1	1	0	-1	0
-3	1	1	0	0	0
-3	1	1	0	1	0
-3	1	1	0	2	0
-3	1	1	0	3	0
-3	1	1	1	-3	0
-3	1	1	1	-2	0
-3	1	1	1	-1	0
-3	1	1	1	0	0
-3	1	1	1	1	0
-3	1	1	1	2	0
-3	1	1	1	3	0
-3	1	1	2	-3	0
-3	1	1	2	-2	0
-3	1	1	2	-1	0
-3	1	1	2	0	0
-3	1	1	2	1	0
-3	1	1	2	2	0
-3	1	1	2	3	0
-3	1	1	3	-3	0
-3	1	1	3	-2	0
-3	1	1	3	-1	0
-3	1	1	3	0	0
-3	1	1	3	1	0
-3	1	1	3	2	0
-3	1	1	3	3	0
-3	1	2	-3	-3	0
-3	1	2	-3	-2	0
-3	1	2	-3	-1	0
-3	1	2	-3	0	0
-3	1	2	-3	1	0
-3	1	2	-3	2	0
-3	1	2	-3	3	0
-3	1	2	-2	-3	0
-3	1	2	-2	-2	0
-3	1	2	-2	-1	0
-3	1	2	-2	0	0
-3	1	2	-2	1	0
-3	1	2	-2	2	0
-3	1	2	-2	3	0
-3	1	2	-1	-3	0
-3	1	2	-1	-2	0
-3	1	2	-1	-1	0
-3	1	2	-1	0	0
-3	1	2	-1	1	0
-3	1	2	-1	2	0
-3	1	2	-1	3	0
-3	1	2	0	-3	0
-3	1	2	0	-2	0
-3	1	2	0	-1	0
-3	1	2	0	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	2	0	1	0
-3	1	2	0	2	0
-3	1	2	0	3	0
-3	1	2	1	-3	0
-3	1	2	1	-2	0
-3	1	2	1	-1	0
-3	1	2	1	0	0
-3	1	2	1	1	0
-3	1	2	1	2	0
-3	1	2	1	3	0
-3	1	2	2	-3	0
-3	1	2	2	-2	0
-3	1	2	2	-1	0
-3	1	2	2	0	0
-3	1	2	2	1	0
-3	1	2	2	2	0
-3	1	2	2	3	0
-3	1	2	3	-3	0
-3	1	2	3	-2	0
-3	1	2	3	-1	0
-3	1	2	3	0	0
-3	1	2	3	1	0
-3	1	2	3	2	0
-3	1	2	3	3	0
-3	1	3	-3	-3	0
-3	1	3	-3	-2	0
-3	1	3	-3	-1	0
-3	1	3	-3	0	0
-3	1	3	-3	1	0
-3	1	3	-3	2	0
-3	1	3	-3	3	0
-3	1	3	-2	-3	0
-3	1	3	-2	-2	0
-3	1	3	-2	-1	0
-3	1	3	-2	0	0
-3	1	3	-2	1	0
-3	1	3	-2	2	0
-3	1	3	-2	3	0
-3	1	3	-1	-3	0
-3	1	3	-1	-2	0
-3	1	3	-1	-1	0
-3	1	3	-1	0	0
-3	1	3	-1	1	0
-3	1	3	-1	2	0
-3	1	3	-1	3	0
-3	1	3	0	-3	0
-3	1	3	0	-2	0
-3	1	3	0	-1	0
-3	1	3	0	0	0
-3	1	3	0	1	0
-3	1	3	0	2	0
-3	1	3	0	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	1	3	1	-3	0
-3	1	3	1	-2	0
-3	1	3	1	-1	0
-3	1	3	1	0	0
-3	1	3	1	1	0
-3	1	3	1	2	0
-3	1	3	1	3	0
-3	1	3	2	-3	0
-3	1	3	2	-2	0
-3	1	3	2	-1	0
-3	1	3	2	0	0
-3	1	3	2	1	0
-3	1	3	2	2	0
-3	1	3	2	3	0
-3	1	3	3	-3	0
-3	1	3	3	-2	0
-3	1	3	3	-1	0
-3	1	3	3	0	0
-3	1	3	3	1	0
-3	1	3	3	2	0
-3	1	3	3	3	0
-3	2	-3	-3	-3	0
-3	2	-3	-3	-2	0
-3	2	-3	-3	-1	0
-3	2	-3	-3	0	0
-3	2	-3	-3	1	0
-3	2	-3	-3	2	0
-3	2	-3	-3	3	0
-3	2	-3	-2	-3	0
-3	2	-3	-2	-2	0
-3	2	-3	-2	-1	0
-3	2	-3	-2	0	0
-3	2	-3	-2	1	0
-3	2	-3	-2	2	0
-3	2	-3	-2	3	0
-3	2	-3	-1	-3	0
-3	2	-3	-1	-2	0
-3	2	-3	-1	-1	0
-3	2	-3	-1	0	0
-3	2	-3	-1	1	0
-3	2	-3	-1	2	0
-3	2	-3	-1	3	0
-3	2	-3	0	-3	0
-3	2	-3	0	-2	0
-3	2	-3	0	-1	0
-3	2	-3	0	0	0
-3	2	-3	0	1	0
-3	2	-3	0	2	0
-3	2	-3	0	3	0
-3	2	-3	1	-3	0
-3	2	-3	1	-2	0
-3	2	-3	1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	2	-3	1	0	0
-3	2	-3	1	1	0
-3	2	-3	1	2	0
-3	2	-3	1	3	0
-3	2	-3	2	-3	0
-3	2	-3	2	-2	0
-3	2	-3	2	-1	0
-3	2	-3	2	0	0
-3	2	-3	2	1	0
-3	2	-3	2	2	0
-3	2	-3	2	3	0
-3	2	-3	3	-3	0
-3	2	-3	3	-2	0
-3	2	-3	3	-1	0
-3	2	-3	3	0	0
-3	2	-3	3	1	0
-3	2	-3	3	2	0
-3	2	-3	3	3	0
-3	2	-2	-3	-3	0
-3	2	-2	-3	-2	0
-3	2	-2	-3	-1	0
-3	2	-2	-3	0	0
-3	2	-2	-3	1	0
-3	2	-2	-3	2	0
-3	2	-2	-3	3	0
-3	2	-2	-2	-3	0
-3	2	-2	-2	-2	0
-3	2	-2	-2	-1	0
-3	2	-2	-2	0	0
-3	2	-2	-2	1	0
-3	2	-2	-2	2	0
-3	2	-2	-2	3	0
-3	2	-2	-1	-3	0
-3	2	-2	-1	-2	0
-3	2	-2	-1	-1	0
-3	2	-2	-1	0	0
-3	2	-2	-1	1	0
-3	2	-2	-1	2	0
-3	2	-2	-1	3	0
-3	2	-2	0	-3	0
-3	2	-2	0	-2	0
-3	2	-2	0	-1	0
-3	2	-2	0	0	0
-3	2	-2	0	1	0
-3	2	-2	0	2	0
-3	2	-2	0	3	0
-3	2	-2	1	-3	0
-3	2	-2	1	-2	0
-3	2	-2	1	-1	0
-3	2	-2	1	0	0
-3	2	-2	1	1	0
-3	2	-2	1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	2	-2	1	3	0
-3	2	-2	2	-3	0
-3	2	-2	2	-2	0
-3	2	-2	2	-1	0
-3	2	-2	2	0	0
-3	2	-2	2	1	0
-3	2	-2	2	2	0
-3	2	-2	2	3	0
-3	2	-2	3	-3	0
-3	2	-2	3	-2	0
-3	2	-2	3	-1	0
-3	2	-2	3	0	0
-3	2	-2	3	1	0
-3	2	-2	3	2	0
-3	2	-2	3	3	0
-3	2	-1	-3	-3	0
-3	2	-1	-3	-2	0
-3	2	-1	-3	-1	0
-3	2	-1	-3	0	0
-3	2	-1	-3	1	0
-3	2	-1	-3	2	0
-3	2	-1	-3	3	0
-3	2	-1	-2	-3	0
-3	2	-1	-2	-2	0
-3	2	-1	-2	-1	0
-3	2	-1	-2	0	0
-3	2	-1	-2	1	0
-3	2	-1	-2	2	0
-3	2	-1	-2	3	0
-3	2	-1	-1	-3	0
-3	2	-1	-1	-2	0
-3	2	-1	-1	-1	0
-3	2	-1	-1	0	0
-3	2	-1	-1	1	0
-3	2	-1	-1	2	0
-3	2	-1	-1	3	0
-3	2	-1	0	-3	0
-3	2	-1	0	-2	0
-3	2	-1	0	-1	0
-3	2	-1	0	0	0
-3	2	-1	0	1	0
-3	2	-1	0	2	0
-3	2	-1	0	3	0
-3	2	-1	1	-3	0
-3	2	-1	1	-2	0
-3	2	-1	1	-1	0
-3	2	-1	1	0	0
-3	2	-1	1	1	0
-3	2	-1	1	2	0
-3	2	-1	1	3	0
-3	2	-1	2	-3	0
-3	2	-1	2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	2	-1	2	-1	0
-3	2	-1	2	0	0
-3	2	-1	2	1	0
-3	2	-1	2	2	0
-3	2	-1	2	3	0
-3	2	-1	3	-3	0
-3	2	-1	3	-2	0
-3	2	-1	3	-1	0
-3	2	-1	3	0	0
-3	2	-1	3	1	0
-3	2	-1	3	2	0
-3	2	-1	3	3	0
-3	2	0	-3	-3	0
-3	2	0	-3	-2	0
-3	2	0	-3	-1	0
-3	2	0	-3	0	0
-3	2	0	-3	1	0
-3	2	0	-3	2	0
-3	2	0	-3	3	0
-3	2	0	-2	-3	0
-3	2	0	-2	-2	0
-3	2	0	-2	-1	0
-3	2	0	-2	0	0
-3	2	0	-2	1	0
-3	2	0	-2	2	0
-3	2	0	-2	3	0
-3	2	0	-1	-3	0
-3	2	0	-1	-2	0
-3	2	0	-1	-1	0
-3	2	0	-1	0	0
-3	2	0	-1	1	0
-3	2	0	-1	2	0
-3	2	0	-1	3	0
-3	2	0	0	-3	0
-3	2	0	0	-2	0
-3	2	0	0	-1	0
-3	2	0	0	0	0
-3	2	0	0	1	0
-3	2	0	0	2	0
-3	2	0	0	3	0
-3	2	0	1	-3	0
-3	2	0	1	-2	0
-3	2	0	1	-1	0
-3	2	0	1	0	0
-3	2	0	1	1	0
-3	2	0	1	2	0
-3	2	0	1	3	0
-3	2	0	2	-3	0
-3	2	0	2	-2	0
-3	2	0	2	-1	0
-3	2	0	2	0	0
-3	2	0	2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	2	0	2	2	0
-3	2	0	2	3	0
-3	2	0	3	-3	0
-3	2	0	3	-2	0
-3	2	0	3	-1	0
-3	2	0	3	0	0
-3	2	0	3	1	0
-3	2	0	3	2	0
-3	2	0	3	3	0
-3	2	1	-3	-3	0
-3	2	1	-3	-2	0
-3	2	1	-3	-1	0
-3	2	1	-3	0	0
-3	2	1	-3	1	0
-3	2	1	-3	2	0
-3	2	1	-3	3	0
-3	2	1	-2	-3	0
-3	2	1	-2	-2	0
-3	2	1	-2	-1	0
-3	2	1	-2	0	0
-3	2	1	-2	1	0
-3	2	1	-2	2	0
-3	2	1	-2	3	0
-3	2	1	-1	-3	0
-3	2	1	-1	-2	0
-3	2	1	-1	-1	0
-3	2	1	-1	0	0
-3	2	1	-1	1	0
-3	2	1	-1	2	0
-3	2	1	-1	3	0
-3	2	1	0	-3	0
-3	2	1	0	-2	0
-3	2	1	0	-1	0
-3	2	1	0	0	0
-3	2	1	0	1	0
-3	2	1	0	2	0
-3	2	1	0	3	0
-3	2	1	1	-3	0
-3	2	1	1	-2	0
-3	2	1	1	-1	0
-3	2	1	1	0	0
-3	2	1	1	1	0
-3	2	1	1	2	0
-3	2	1	1	3	0
-3	2	1	2	-3	0
-3	2	1	2	-2	0
-3	2	1	2	-1	0
-3	2	1	2	0	0
-3	2	1	2	1	0
-3	2	1	2	2	0
-3	2	1	2	3	0
-3	2	1	3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	2	1	3	-2	0
-3	2	1	3	-1	0
-3	2	1	3	0	0
-3	2	1	3	1	0
-3	2	1	3	2	0
-3	2	1	3	3	0
-3	2	2	-3	-3	0
-3	2	2	-3	-2	0
-3	2	2	-3	-1	0
-3	2	2	-3	0	0
-3	2	2	-3	1	0
-3	2	2	-3	2	0
-3	2	2	-3	3	0
-3	2	2	-2	-3	0
-3	2	2	-2	-2	0
-3	2	2	-2	-1	0
-3	2	2	-2	0	0
-3	2	2	-2	1	0
-3	2	2	-2	2	0
-3	2	2	-2	3	0
-3	2	2	-1	-3	0
-3	2	2	-1	-2	0
-3	2	2	-1	-1	0
-3	2	2	-1	0	0
-3	2	2	-1	1	0
-3	2	2	-1	2	0
-3	2	2	-1	3	0
-3	2	2	0	-3	0
-3	2	2	0	-2	0
-3	2	2	0	-1	0
-3	2	2	0	0	0
-3	2	2	0	1	0
-3	2	2	0	2	0
-3	2	2	0	3	0
-3	2	2	1	-3	0
-3	2	2	1	-2	0
-3	2	2	1	-1	0
-3	2	2	1	0	0
-3	2	2	1	1	0
-3	2	2	1	2	0
-3	2	2	1	3	0
-3	2	2	2	-3	0
-3	2	2	2	-2	0
-3	2	2	2	-1	0
-3	2	2	2	0	0
-3	2	2	2	1	0
-3	2	2	2	2	0
-3	2	2	2	3	0
-3	2	2	3	-3	0
-3	2	2	3	-2	0
-3	2	2	3	-1	0
-3	2	2	3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	2	2	3	1	0
-3	2	2	3	2	0
-3	2	2	3	3	0
-3	2	3	-3	-3	0
-3	2	3	-3	-2	0
-3	2	3	-3	-1	0
-3	2	3	-3	0	0
-3	2	3	-3	1	0
-3	2	3	-3	2	0
-3	2	3	-3	3	0
-3	2	3	-2	-3	0
-3	2	3	-2	-2	0
-3	2	3	-2	-1	0
-3	2	3	-2	0	0
-3	2	3	-2	1	0
-3	2	3	-2	2	0
-3	2	3	-2	3	0
-3	2	3	-1	-3	0
-3	2	3	-1	-2	0
-3	2	3	-1	-1	0
-3	2	3	-1	0	0
-3	2	3	-1	1	0
-3	2	3	-1	2	0
-3	2	3	-1	3	0
-3	2	3	0	-3	0
-3	2	3	0	-2	0
-3	2	3	0	-1	0
-3	2	3	0	0	0
-3	2	3	0	1	0
-3	2	3	0	2	0
-3	2	3	0	3	0
-3	2	3	1	-3	0
-3	2	3	1	-2	0
-3	2	3	1	-1	0
-3	2	3	1	0	0
-3	2	3	1	1	0
-3	2	3	1	2	0
-3	2	3	1	3	0
-3	2	3	2	-3	0
-3	2	3	2	-2	0
-3	2	3	2	-1	0
-3	2	3	2	0	0
-3	2	3	2	1	0
-3	2	3	2	2	0
-3	2	3	2	3	0
-3	2	3	3	-3	0
-3	2	3	3	-2	0
-3	2	3	3	-1	0
-3	2	3	3	0	0
-3	2	3	3	1	0
-3	2	3	3	2	0
-3	2	3	3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	-3	-3	-3	0
-3	3	-3	-3	-2	0
-3	3	-3	-3	-1	0
-3	3	-3	-3	0	0
-3	3	-3	-3	1	0
-3	3	-3	-3	2	0
-3	3	-3	-3	3	0
-3	3	-3	-2	-3	0
-3	3	-3	-2	-2	0
-3	3	-3	-2	-1	0
-3	3	-3	-2	0	0
-3	3	-3	-2	1	0
-3	3	-3	-2	2	0
-3	3	-3	-2	3	0
-3	3	-3	-1	-3	0
-3	3	-3	-1	-2	0
-3	3	-3	-1	-1	0
-3	3	-3	-1	0	0
-3	3	-3	-1	1	0
-3	3	-3	-1	2	0
-3	3	-3	-1	3	0
-3	3	-3	0	-3	0
-3	3	-3	0	-2	0
-3	3	-3	0	-1	0
-3	3	-3	0	0	0
-3	3	-3	0	1	0
-3	3	-3	0	2	0
-3	3	-3	0	3	0
-3	3	-3	1	-3	0
-3	3	-3	1	-2	0
-3	3	-3	1	-1	0
-3	3	-3	1	0	0
-3	3	-3	1	1	0
-3	3	-3	1	2	0
-3	3	-3	1	3	0
-3	3	-3	2	-3	0
-3	3	-3	2	-2	0
-3	3	-3	2	-1	0
-3	3	-3	2	0	0
-3	3	-3	2	1	0
-3	3	-3	2	2	0
-3	3	-3	2	3	0
-3	3	-3	3	-3	0
-3	3	-3	3	-2	0
-3	3	-3	3	-1	0
-3	3	-3	3	0	0
-3	3	-3	3	1	0
-3	3	-3	3	2	0
-3	3	-3	3	3	0
-3	3	-2	-3	-3	0
-3	3	-2	-3	-2	0
-3	3	-2	-3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	-2	-3	0	0
-3	3	-2	-3	1	0
-3	3	-2	-3	2	0
-3	3	-2	-3	3	0
-3	3	-2	-2	-3	0
-3	3	-2	-2	-2	0
-3	3	-2	-2	-1	0
-3	3	-2	-2	0	0
-3	3	-2	-2	1	0
-3	3	-2	-2	2	0
-3	3	-2	-2	3	0
-3	3	-2	-1	-3	0
-3	3	-2	-1	-2	0
-3	3	-2	-1	-1	0
-3	3	-2	-1	0	0
-3	3	-2	-1	1	0
-3	3	-2	-1	2	0
-3	3	-2	-1	3	0
-3	3	-2	0	-3	0
-3	3	-2	0	-2	0
-3	3	-2	0	-1	0
-3	3	-2	0	0	0
-3	3	-2	0	1	0
-3	3	-2	0	2	0
-3	3	-2	0	3	0
-3	3	-2	1	-3	0
-3	3	-2	1	-2	0
-3	3	-2	1	-1	0
-3	3	-2	1	0	0
-3	3	-2	1	1	0
-3	3	-2	1	2	0
-3	3	-2	1	3	0
-3	3	-2	2	-3	0
-3	3	-2	2	-2	0
-3	3	-2	2	-1	0
-3	3	-2	2	0	0
-3	3	-2	2	1	0
-3	3	-2	2	2	0
-3	3	-2	2	3	0
-3	3	-2	3	-3	0
-3	3	-2	3	-2	0
-3	3	-2	3	-1	0
-3	3	-2	3	0	0
-3	3	-2	3	1	0
-3	3	-2	3	2	0
-3	3	-2	3	3	0
-3	3	-1	-3	-3	0
-3	3	-1	-3	-2	0
-3	3	-1	-3	-1	0
-3	3	-1	-3	0	0
-3	3	-1	-3	1	0
-3	3	-1	-3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	-1	-3	3	0
-3	3	-1	-2	-3	0
-3	3	-1	-2	-2	0
-3	3	-1	-2	-1	0
-3	3	-1	-2	0	0
-3	3	-1	-2	1	0
-3	3	-1	-2	2	0
-3	3	-1	-2	3	0
-3	3	-1	-1	-3	0
-3	3	-1	-1	-2	0
-3	3	-1	-1	-1	0
-3	3	-1	-1	0	0
-3	3	-1	-1	1	0
-3	3	-1	-1	2	0
-3	3	-1	-1	3	0
-3	3	-1	0	-3	0
-3	3	-1	0	-2	0
-3	3	-1	0	-1	0
-3	3	-1	0	0	0
-3	3	-1	0	1	0
-3	3	-1	0	2	0
-3	3	-1	0	3	0
-3	3	-1	1	-3	0
-3	3	-1	1	-2	0
-3	3	-1	1	-1	0
-3	3	-1	1	0	0
-3	3	-1	1	1	0
-3	3	-1	1	2	0
-3	3	-1	1	3	0
-3	3	-1	2	-3	0
-3	3	-1	2	-2	0
-3	3	-1	2	-1	0
-3	3	-1	2	0	0
-3	3	-1	2	1	0
-3	3	-1	2	2	0
-3	3	-1	2	3	0
-3	3	-1	3	-3	0
-3	3	-1	3	-2	0
-3	3	-1	3	-1	0
-3	3	-1	3	0	0
-3	3	-1	3	1	0
-3	3	-1	3	2	0
-3	3	-1	3	3	0
-3	3	0	-3	-3	0
-3	3	0	-3	-2	0
-3	3	0	-3	-1	0
-3	3	0	-3	0	0
-3	3	0	-3	1	0
-3	3	0	-3	2	0
-3	3	0	-3	3	0
-3	3	0	-2	-3	0
-3	3	0	-2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	0	-2	-1	0
-3	3	0	-2	0	0
-3	3	0	-2	1	0
-3	3	0	-2	2	0
-3	3	0	-2	3	0
-3	3	0	-1	-3	0
-3	3	0	-1	-2	0
-3	3	0	-1	-1	0
-3	3	0	-1	0	0
-3	3	0	-1	1	0
-3	3	0	-1	2	0
-3	3	0	-1	3	0
-3	3	0	0	-3	0
-3	3	0	0	-2	0
-3	3	0	0	-1	0
-3	3	0	0	0	0
-3	3	0	0	1	0
-3	3	0	0	2	0
-3	3	0	0	3	0
-3	3	0	1	-3	0
-3	3	0	1	-2	0
-3	3	0	1	-1	0
-3	3	0	1	0	0
-3	3	0	1	1	0
-3	3	0	1	2	0
-3	3	0	1	3	0
-3	3	0	2	-3	0
-3	3	0	2	-2	0
-3	3	0	2	-1	0
-3	3	0	2	0	0
-3	3	0	2	1	0
-3	3	0	2	2	0
-3	3	0	2	3	0
-3	3	0	3	-3	0
-3	3	0	3	-2	0
-3	3	0	3	-1	0
-3	3	0	3	0	0
-3	3	0	3	1	0
-3	3	0	3	2	0
-3	3	0	3	3	0
-3	3	1	-3	-3	0
-3	3	1	-3	-2	0
-3	3	1	-3	-1	0
-3	3	1	-3	0	0
-3	3	1	-3	1	0
-3	3	1	-3	2	0
-3	3	1	-3	3	0
-3	3	1	-2	-3	0
-3	3	1	-2	-2	0
-3	3	1	-2	-1	0
-3	3	1	-2	0	0
-3	3	1	-2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	1	-2	2	0
-3	3	1	-2	3	0
-3	3	1	-1	-3	0
-3	3	1	-1	-2	0
-3	3	1	-1	-1	0
-3	3	1	-1	0	0
-3	3	1	-1	1	0
-3	3	1	-1	2	0
-3	3	1	-1	3	0
-3	3	1	0	-3	0
-3	3	1	0	-2	0
-3	3	1	0	-1	0
-3	3	1	0	0	0
-3	3	1	0	1	0
-3	3	1	0	2	0
-3	3	1	0	3	0
-3	3	1	1	-3	0
-3	3	1	1	-2	0
-3	3	1	1	-1	0
-3	3	1	1	0	0
-3	3	1	1	1	0
-3	3	1	1	2	0
-3	3	1	1	3	0
-3	3	1	2	-3	0
-3	3	1	2	-2	0
-3	3	1	2	-1	0
-3	3	1	2	0	0
-3	3	1	2	1	0
-3	3	1	2	2	0
-3	3	1	2	3	0
-3	3	1	3	-3	0
-3	3	1	3	-2	0
-3	3	1	3	-1	0
-3	3	1	3	0	0
-3	3	1	3	1	0
-3	3	1	3	2	0
-3	3	1	3	3	0
-3	3	2	-3	-3	0
-3	3	2	-3	-2	0
-3	3	2	-3	-1	0
-3	3	2	-3	0	0
-3	3	2	-3	1	0
-3	3	2	-3	2	0
-3	3	2	-3	3	0
-3	3	2	-2	-3	0
-3	3	2	-2	-2	0
-3	3	2	-2	-1	0
-3	3	2	-2	0	0
-3	3	2	-2	1	0
-3	3	2	-2	2	0
-3	3	2	-2	3	0
-3	3	2	-1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	2	-1	-2	0
-3	3	2	-1	-1	0
-3	3	2	-1	0	0
-3	3	2	-1	1	0
-3	3	2	-1	2	0
-3	3	2	-1	3	0
-3	3	2	0	-3	0
-3	3	2	0	-2	0
-3	3	2	0	-1	0
-3	3	2	0	0	0
-3	3	2	0	1	0
-3	3	2	0	2	0
-3	3	2	0	3	0
-3	3	2	1	-3	0
-3	3	2	1	-2	0
-3	3	2	1	-1	0
-3	3	2	1	0	0
-3	3	2	1	1	0
-3	3	2	1	2	0
-3	3	2	1	3	0
-3	3	2	2	-3	0
-3	3	2	2	-2	0
-3	3	2	2	-1	0
-3	3	2	2	0	0
-3	3	2	2	1	0
-3	3	2	2	2	0
-3	3	2	2	3	0
-3	3	2	3	-3	0
-3	3	2	3	-2	0
-3	3	2	3	-1	0
-3	3	2	3	0	0
-3	3	2	3	1	0
-3	3	2	3	2	0
-3	3	2	3	3	0
-3	3	3	-3	-3	0
-3	3	3	-3	-2	0
-3	3	3	-3	-1	0
-3	3	3	-3	0	0
-3	3	3	-3	1	0
-3	3	3	-3	2	0
-3	3	3	-3	3	0
-3	3	3	-2	-3	0
-3	3	3	-2	-2	0
-3	3	3	-2	-1	0
-3	3	3	-2	0	0
-3	3	3	-2	1	0
-3	3	3	-2	2	0
-3	3	3	-2	3	0
-3	3	3	-1	-3	0
-3	3	3	-1	-2	0
-3	3	3	-1	-1	0
-3	3	3	-1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-3	3	3	-1	1	0
-3	3	3	-1	2	0
-3	3	3	-1	3	0
-3	3	3	0	-3	0
-3	3	3	0	-2	0
-3	3	3	0	-1	0
-3	3	3	0	0	0
-3	3	3	0	1	0
-3	3	3	0	2	0
-3	3	3	0	3	0
-3	3	3	1	-3	0
-3	3	3	1	-2	0
-3	3	3	1	-1	0
-3	3	3	1	0	0
-3	3	3	1	1	0
-3	3	3	1	2	0
-3	3	3	1	3	0
-3	3	3	2	-3	0
-3	3	3	2	-2	0
-3	3	3	2	-1	0
-3	3	3	2	0	0
-3	3	3	2	1	0
-3	3	3	2	2	0
-3	3	3	2	3	0
-3	3	3	3	-3	0
-3	3	3	3	-2	0
-3	3	3	3	-1	0
-3	3	3	3	0	0
-3	3	3	3	1	0
-3	3	3	3	2	0
-3	3	3	3	3	0
-2	-3	-3	-3	-3	0
-2	-3	-3	-3	-2	0
-2	-3	-3	-3	-1	0
-2	-3	-3	-3	0	0
-2	-3	-3	-3	1	0
-2	-3	-3	-3	2	0
-2	-3	-3	-3	3	0
-2	-3	-3	-2	-3	0
-2	-3	-3	-2	-2	0
-2	-3	-3	-2	-1	0
-2	-3	-3	-2	0	0
-2	-3	-3	-2	1	0
-2	-3	-3	-2	2	0
-2	-3	-3	-2	3	0
-2	-3	-3	-1	-3	0
-2	-3	-3	-1	-2	0
-2	-3	-3	-1	-1	0
-2	-3	-3	-1	0	0
-2	-3	-3	-1	1	0
-2	-3	-3	-1	2	0
-2	-3	-3	-1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	-3	0	-3	0
-2	-3	-3	0	-2	0
-2	-3	-3	0	-1	0
-2	-3	-3	0	0	0
-2	-3	-3	0	1	0
-2	-3	-3	0	2	0
-2	-3	-3	0	3	0
-2	-3	-3	1	-3	0
-2	-3	-3	1	-2	0
-2	-3	-3	1	-1	0
-2	-3	-3	1	0	0
-2	-3	-3	1	1	0
-2	-3	-3	1	2	0
-2	-3	-3	1	3	0
-2	-3	-3	2	-3	0
-2	-3	-3	2	-2	0
-2	-3	-3	2	-1	0
-2	-3	-3	2	0	0
-2	-3	-3	2	1	0
-2	-3	-3	2	2	0
-2	-3	-3	2	3	0
-2	-3	-3	3	-3	0
-2	-3	-3	3	-2	0
-2	-3	-3	3	-1	0
-2	-3	-3	3	0	0
-2	-3	-3	3	1	0
-2	-3	-3	3	2	0
-2	-3	-3	3	3	0
-2	-3	-2	-3	-3	0
-2	-3	-2	-3	-2	0
-2	-3	-2	-3	-1	0
-2	-3	-2	-3	0	0
-2	-3	-2	-3	1	0
-2	-3	-2	-3	2	0
-2	-3	-2	-3	3	0
-2	-3	-2	-2	-3	0
-2	-3	-2	-2	-2	0
-2	-3	-2	-2	-1	0
-2	-3	-2	-2	0	0
-2	-3	-2	-2	1	0
-2	-3	-2	-2	2	0
-2	-3	-2	-2	3	0
-2	-3	-2	-1	-3	0
-2	-3	-2	-1	-2	0
-2	-3	-2	-1	-1	0
-2	-3	-2	-1	0	0
-2	-3	-2	-1	1	0
-2	-3	-2	-1	2	0
-2	-3	-2	-1	3	0
-2	-3	-2	0	-3	0
-2	-3	-2	0	-2	0
-2	-3	-2	0	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	-2	0	0	0
-2	-3	-2	0	1	0
-2	-3	-2	0	2	0
-2	-3	-2	0	3	0
-2	-3	-2	1	-3	0
-2	-3	-2	1	-2	0
-2	-3	-2	1	-1	0
-2	-3	-2	1	0	0
-2	-3	-2	1	1	0
-2	-3	-2	1	2	0
-2	-3	-2	1	3	0
-2	-3	-2	2	-3	0
-2	-3	-2	2	-2	0
-2	-3	-2	2	-1	0
-2	-3	-2	2	0	0
-2	-3	-2	2	1	0
-2	-3	-2	2	2	0
-2	-3	-2	2	3	0
-2	-3	-2	3	-3	0
-2	-3	-2	3	-2	0
-2	-3	-2	3	-1	0
-2	-3	-2	3	0	0
-2	-3	-2	3	1	0
-2	-3	-2	3	2	0
-2	-3	-2	3	3	0
-2	-3	-1	-3	-3	0
-2	-3	-1	-3	-2	0
-2	-3	-1	-3	-1	0
-2	-3	-1	-3	0	0
-2	-3	-1	-3	1	0
-2	-3	-1	-3	2	0
-2	-3	-1	-3	3	0
-2	-3	-1	-2	-3	0
-2	-3	-1	-2	-2	0
-2	-3	-1	-2	-1	0
-2	-3	-1	-2	0	0
-2	-3	-1	-2	1	0
-2	-3	-1	-2	2	0
-2	-3	-1	-2	3	0
-2	-3	-1	-1	-3	0
-2	-3	-1	-1	-2	0
-2	-3	-1	-1	-1	0
-2	-3	-1	-1	0	0
-2	-3	-1	-1	1	0
-2	-3	-1	-1	2	0
-2	-3	-1	-1	3	0
-2	-3	-1	0	-3	0
-2	-3	-1	0	-2	0
-2	-3	-1	0	-1	0
-2	-3	-1	0	0	0
-2	-3	-1	0	1	0
-2	-3	-1	0	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	-1	0	3	0
-2	-3	-1	1	-3	0
-2	-3	-1	1	-2	0
-2	-3	-1	1	-1	0
-2	-3	-1	1	0	0
-2	-3	-1	1	1	0
-2	-3	-1	1	2	0
-2	-3	-1	1	3	0
-2	-3	-1	2	-3	0
-2	-3	-1	2	-2	0
-2	-3	-1	2	-1	0
-2	-3	-1	2	0	0
-2	-3	-1	2	1	0
-2	-3	-1	2	2	0
-2	-3	-1	2	3	0
-2	-3	-1	3	-3	0
-2	-3	-1	3	-2	0
-2	-3	-1	3	-1	0
-2	-3	-1	3	0	0
-2	-3	-1	3	1	0
-2	-3	-1	3	2	0
-2	-3	-1	3	3	0
-2	-3	0	-3	-3	0
-2	-3	0	-3	-2	0
-2	-3	0	-3	-1	0
-2	-3	0	-3	0	0
-2	-3	0	-3	1	0
-2	-3	0	-3	2	0
-2	-3	0	-3	3	0
-2	-3	0	-2	-3	0
-2	-3	0	-2	-2	0
-2	-3	0	-2	-1	0
-2	-3	0	-2	0	0
-2	-3	0	-2	1	0
-2	-3	0	-2	2	0
-2	-3	0	-2	3	0
-2	-3	0	-1	-3	0
-2	-3	0	-1	-2	0
-2	-3	0	-1	-1	0
-2	-3	0	-1	0	0
-2	-3	0	-1	1	0
-2	-3	0	-1	2	0
-2	-3	0	-1	3	0
-2	-3	0	0	-3	0
-2	-3	0	0	-2	0
-2	-3	0	0	-1	0
-2	-3	0	0	0	0
-2	-3	0	0	1	0
-2	-3	0	0	2	0
-2	-3	0	0	3	0
-2	-3	0	1	-3	0
-2	-3	0	1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	0	1	-1	0
-2	-3	0	1	0	0
-2	-3	0	1	1	0
-2	-3	0	1	2	0
-2	-3	0	1	3	0
-2	-3	0	2	-3	0
-2	-3	0	2	-2	0
-2	-3	0	2	-1	0
-2	-3	0	2	0	0
-2	-3	0	2	1	0
-2	-3	0	2	2	0
-2	-3	0	2	3	0
-2	-3	0	3	-3	0
-2	-3	0	3	-2	0
-2	-3	0	3	-1	0
-2	-3	0	3	0	0
-2	-3	0	3	1	0
-2	-3	0	3	2	0
-2	-3	0	3	3	0
-2	-3	1	-3	-3	0
-2	-3	1	-3	-2	0
-2	-3	1	-3	-1	0
-2	-3	1	-3	0	0
-2	-3	1	-3	1	0
-2	-3	1	-3	2	0
-2	-3	1	-3	3	0
-2	-3	1	-2	-3	0
-2	-3	1	-2	-2	0
-2	-3	1	-2	-1	0
-2	-3	1	-2	0	0
-2	-3	1	-2	1	0
-2	-3	1	-2	2	0
-2	-3	1	-2	3	0
-2	-3	1	-1	-3	0
-2	-3	1	-1	-2	0
-2	-3	1	-1	-1	0
-2	-3	1	-1	0	0
-2	-3	1	-1	1	0
-2	-3	1	-1	2	0
-2	-3	1	-1	3	0
-2	-3	1	0	-3	0
-2	-3	1	0	-2	0
-2	-3	1	0	-1	0
-2	-3	1	0	0	0
-2	-3	1	0	1	0
-2	-3	1	0	2	0
-2	-3	1	0	3	0
-2	-3	1	1	-3	0
-2	-3	1	1	-2	0
-2	-3	1	1	-1	0
-2	-3	1	1	0	0
-2	-3	1	1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	1	1	2	0
-2	-3	1	1	3	0
-2	-3	1	2	-3	0
-2	-3	1	2	-2	0
-2	-3	1	2	-1	0
-2	-3	1	2	0	0
-2	-3	1	2	1	0
-2	-3	1	2	2	0
-2	-3	1	2	3	0
-2	-3	1	3	-3	0
-2	-3	1	3	-2	0
-2	-3	1	3	-1	0
-2	-3	1	3	0	0
-2	-3	1	3	1	0
-2	-3	1	3	2	0
-2	-3	1	3	3	0
-2	-3	2	-3	-3	0
-2	-3	2	-3	-2	0
-2	-3	2	-3	-1	0
-2	-3	2	-3	0	0
-2	-3	2	-3	1	0
-2	-3	2	-3	2	0
-2	-3	2	-3	3	0
-2	-3	2	-2	-3	0
-2	-3	2	-2	-2	0
-2	-3	2	-2	-1	0
-2	-3	2	-2	0	0
-2	-3	2	-2	1	0
-2	-3	2	-2	2	0
-2	-3	2	-2	3	0
-2	-3	2	-1	-3	0
-2	-3	2	-1	-2	0
-2	-3	2	-1	-1	0
-2	-3	2	-1	0	0
-2	-3	2	-1	1	0
-2	-3	2	-1	2	0
-2	-3	2	-1	3	0
-2	-3	2	0	-3	0
-2	-3	2	0	-2	0
-2	-3	2	0	-1	0
-2	-3	2	0	0	0
-2	-3	2	0	1	0
-2	-3	2	0	2	0
-2	-3	2	0	3	0
-2	-3	2	1	-3	0
-2	-3	2	1	-2	0
-2	-3	2	1	-1	0
-2	-3	2	1	0	0
-2	-3	2	1	1	0
-2	-3	2	1	2	0
-2	-3	2	1	3	0
-2	-3	2	2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	2	2	-2	0
-2	-3	2	2	-1	0
-2	-3	2	2	0	0
-2	-3	2	2	1	0
-2	-3	2	2	2	0
-2	-3	2	2	3	0
-2	-3	2	3	-3	0
-2	-3	2	3	-2	0
-2	-3	2	3	-1	0
-2	-3	2	3	0	0
-2	-3	2	3	1	0
-2	-3	2	3	2	0
-2	-3	2	3	3	0
-2	-3	3	-3	-3	0
-2	-3	3	-3	-2	0
-2	-3	3	-3	-1	0
-2	-3	3	-3	0	0
-2	-3	3	-3	1	0
-2	-3	3	-3	2	0
-2	-3	3	-3	3	0
-2	-3	3	-2	-3	0
-2	-3	3	-2	-2	0
-2	-3	3	-2	-1	0
-2	-3	3	-2	0	0
-2	-3	3	-2	1	0
-2	-3	3	-2	2	0
-2	-3	3	-2	3	0
-2	-3	3	-1	-3	0
-2	-3	3	-1	-2	0
-2	-3	3	-1	-1	0
-2	-3	3	-1	0	0
-2	-3	3	-1	1	0
-2	-3	3	-1	2	0
-2	-3	3	-1	3	0
-2	-3	3	0	-3	0
-2	-3	3	0	-2	0
-2	-3	3	0	-1	0
-2	-3	3	0	0	0
-2	-3	3	0	1	0
-2	-3	3	0	2	0
-2	-3	3	0	3	0
-2	-3	3	1	-3	0
-2	-3	3	1	-2	0
-2	-3	3	1	-1	0
-2	-3	3	1	0	0
-2	-3	3	1	1	0
-2	-3	3	1	2	0
-2	-3	3	1	3	0
-2	-3	3	2	-3	0
-2	-3	3	2	-2	0
-2	-3	3	2	-1	0
-2	-3	3	2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-3	3	2	1	0
-2	-3	3	2	2	0
-2	-3	3	2	3	0
-2	-3	3	3	-3	0
-2	-3	3	3	-2	0
-2	-3	3	3	-1	0
-2	-3	3	3	0	0
-2	-3	3	3	1	0
-2	-3	3	3	2	0
-2	-3	3	3	3	0
-2	-2	-3	-3	-3	0
-2	-2	-3	-3	-2	0
-2	-2	-3	-3	-1	0
-2	-2	-3	-3	0	0
-2	-2	-3	-3	1	0
-2	-2	-3	-3	2	0
-2	-2	-3	-3	3	0
-2	-2	-3	-2	-3	0
-2	-2	-3	-2	-2	0
-2	-2	-3	-2	-1	0
-2	-2	-3	-2	0	0
-2	-2	-3	-2	1	0
-2	-2	-3	-2	2	0
-2	-2	-3	-2	3	0
-2	-2	-3	-1	-3	0
-2	-2	-3	-1	-2	0
-2	-2	-3	-1	-1	0
-2	-2	-3	-1	0	0
-2	-2	-3	-1	1	0
-2	-2	-3	-1	2	0
-2	-2	-3	-1	3	0
-2	-2	-3	0	-3	0
-2	-2	-3	0	-2	0
-2	-2	-3	0	-1	0
-2	-2	-3	0	0	0
-2	-2	-3	0	1	0
-2	-2	-3	0	2	0
-2	-2	-3	0	3	0
-2	-2	-3	1	-3	0
-2	-2	-3	1	-2	0
-2	-2	-3	1	-1	0
-2	-2	-3	1	0	0
-2	-2	-3	1	1	0
-2	-2	-3	1	2	0
-2	-2	-3	1	3	0
-2	-2	-3	2	-3	0
-2	-2	-3	2	-2	0
-2	-2	-3	2	-1	0
-2	-2	-3	2	0	0
-2	-2	-3	2	1	0
-2	-2	-3	2	2	0
-2	-2	-3	2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-2	-3	3	-3	0
-2	-2	-3	3	-2	0
-2	-2	-3	3	-1	0
-2	-2	-3	3	0	0
-2	-2	-3	3	1	0
-2	-2	-3	3	2	0
-2	-2	-3	3	3	0
-2	-2	-2	-3	-3	0
-2	-2	-2	-3	-2	0
-2	-2	-2	-3	-1	0
-2	-2	-2	-3	0	0
-2	-2	-2	-3	1	0
-2	-2	-2	-3	2	0
-2	-2	-2	-3	3	0
-2	-2	-2	-2	-3	0
-2	-2	-2	-2	-2	0
-2	-2	-2	-2	-1	0
-2	-2	-2	-2	0	0
-2	-2	-2	-2	1	0
-2	-2	-2	-2	2	0
-2	-2	-2	-2	3	0
-2	-2	-2	-1	-3	0
-2	-2	-2	-1	-2	0
-2	-2	-2	-1	-1	0
-2	-2	-2	-1	0	0
-2	-2	-2	-1	1	0
-2	-2	-2	-1	2	0
-2	-2	-2	-1	3	0
-2	-2	-2	0	-3	0
-2	-2	-2	0	-2	0
-2	-2	-2	0	-1	0
-2	-2	-2	0	0	0
-2	-2	-2	0	1	0
-2	-2	-2	0	2	0
-2	-2	-2	0	3	0
-2	-2	-2	1	-3	0
-2	-2	-2	1	-2	0
-2	-2	-2	1	-1	0
-2	-2	-2	1	0	0
-2	-2	-2	1	1	0
-2	-2	-2	1	2	0
-2	-2	-2	1	3	0
-2	-2	-2	2	-3	0
-2	-2	-2	2	-2	0
-2	-2	-2	2	-1	0
-2	-2	-2	2	0	0
-2	-2	-2	2	1	0
-2	-2	-2	2	2	0
-2	-2	-2	2	3	0
-2	-2	-2	3	-3	0
-2	-2	-2	3	-2	0
-2	-2	-2	3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-2	-2	3	0	0
-2	-2	-2	3	1	0
-2	-2	-2	3	2	0
-2	-2	-2	3	3	0
-2	-2	-1	-3	-3	0
-2	-2	-1	-3	-2	0
-2	-2	-1	-3	-1	0
-2	-2	-1	-3	0	0
-2	-2	-1	-3	1	0
-2	-2	-1	-3	2	0
-2	-2	-1	-3	3	0
-2	-2	-1	-2	-3	0
-2	-2	-1	-2	-2	0
-2	-2	-1	-2	-1	0
-2	-2	-1	-2	0	0
-2	-2	-1	-2	1	0
-2	-2	-1	-2	2	0
-2	-2	-1	-2	3	0
-2	-2	-1	-1	-3	0
-2	-2	-1	-1	-2	0
-2	-2	-1	-1	-1	0
-2	-2	-1	-1	0	0
-2	-2	-1	-1	1	0
-2	-2	-1	-1	2	0
-2	-2	-1	-1	3	0
-2	-2	-1	0	-3	0
-2	-2	-1	0	-2	0
-2	-2	-1	0	-1	0
-2	-2	-1	0	0	0
-2	-2	-1	0	1	0
-2	-2	-1	0	2	0
-2	-2	-1	0	3	0
-2	-2	-1	1	-3	0
-2	-2	-1	1	-2	0
-2	-2	-1	1	-1	0
-2	-2	-1	1	0	0
-2	-2	-1	1	1	0
-2	-2	-1	1	2	0
-2	-2	-1	1	3	0
-2	-2	-1	2	-3	0
-2	-2	-1	2	-2	0
-2	-2	-1	2	-1	0
-2	-2	-1	2	0	0
-2	-2	-1	2	1	0
-2	-2	-1	2	2	0
-2	-2	-1	2	3	0
-2	-2	-1	3	-3	0
-2	-2	-1	3	-2	0
-2	-2	-1	3	-1	0
-2	-2	-1	3	0	0
-2	-2	-1	3	1	0
-2	-2	-1	3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-2	-1	3	3	0
-2	-2	0	-3	-3	0
-2	-2	0	-3	-2	0
-2	-2	0	-3	-1	0
-2	-2	0	-3	0	0
-2	-2	0	-3	1	0
-2	-2	0	-3	2	0
-2	-2	0	-3	3	0
-2	-2	0	-2	-3	0
-2	-2	0	-2	-2	0
-2	-2	0	-2	-1	0
-2	-2	0	-2	0	0
-2	-2	0	-2	1	0
-2	-2	0	-2	2	0
-2	-2	0	-2	3	0
-2	-2	0	-1	-3	0
-2	-2	0	-1	-2	0
-2	-2	0	-1	-1	0
-2	-2	0	-1	0	0
-2	-2	0	-1	1	0
-2	-2	0	-1	2	0
-2	-2	0	-1	3	0
-2	-2	0	0	-3	0
-2	-2	0	0	-2	0
-2	-2	0	0	-1	0
-2	-2	0	0	0	0
-2	-2	0	0	1	0
-2	-2	0	0	2	0
-2	-2	0	0	3	0
-2	-2	0	1	-3	0
-2	-2	0	1	-2	0
-2	-2	0	1	-1	0
-2	-2	0	1	0	0
-2	-2	0	1	1	0
-2	-2	0	1	2	0
-2	-2	0	1	3	0
-2	-2	0	2	-3	0
-2	-2	0	2	-2	0
-2	-2	0	2	-1	0
-2	-2	0	2	0	0
-2	-2	0	2	1	0
-2	-2	0	2	2	0
-2	-2	0	2	3	0
-2	-2	0	3	-3	0
-2	-2	0	3	-2	0
-2	-2	0	3	-1	0
-2	-2	0	3	0	0
-2	-2	0	3	1	0
-2	-2	0	3	2	0
-2	-2	0	3	3	0
-2	-2	1	-3	-3	0
-2	-2	1	-3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-2	1	-3	-1	0
-2	-2	1	-3	0	0
-2	-2	1	-3	1	0
-2	-2	1	-3	2	0
-2	-2	1	-3	3	0
-2	-2	1	-2	-3	0
-2	-2	1	-2	-2	0
-2	-2	1	-2	-1	0
-2	-2	1	-2	0	0
-2	-2	1	-2	1	0
-2	-2	1	-2	2	0
-2	-2	1	-2	3	0
-2	-2	1	-1	-3	0
-2	-2	1	-1	-2	0
-2	-2	1	-1	-1	0
-2	-2	1	-1	0	0
-2	-2	1	-1	1	0
-2	-2	1	-1	2	0
-2	-2	1	-1	3	0
-2	-2	1	0	-3	0
-2	-2	1	0	-2	0
-2	-2	1	0	-1	0
-2	-2	1	0	0	0
-2	-2	1	0	1	0
-2	-2	1	0	2	0
-2	-2	1	0	3	0
-2	-2	1	1	-3	0
-2	-2	1	1	-2	0
-2	-2	1	1	-1	0
-2	-2	1	1	0	0
-2	-2	1	1	1	0
-2	-2	1	1	2	0
-2	-2	1	1	3	0
-2	-2	1	2	-3	0
-2	-2	1	2	-2	0
-2	-2	1	2	-1	0
-2	-2	1	2	0	0
-2	-2	1	2	1	0
-2	-2	1	2	2	0
-2	-2	1	2	3	0
-2	-2	1	3	-3	0
-2	-2	1	3	-2	0
-2	-2	1	3	-1	0
-2	-2	1	3	0	0
-2	-2	1	3	1	0
-2	-2	1	3	2	0
-2	-2	1	3	3	0
-2	-2	2	-3	-3	0
-2	-2	2	-3	-2	0
-2	-2	2	-3	-1	0
-2	-2	2	-3	0	0
-2	-2	2	-3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-2	2	-3	2	0
-2	-2	2	-3	3	0
-2	-2	2	-2	-3	0
-2	-2	2	-2	-2	0
-2	-2	2	-2	-1	0
-2	-2	2	-2	0	0
-2	-2	2	-2	1	0
-2	-2	2	-2	2	0
-2	-2	2	-2	3	0
-2	-2	2	-1	-3	0
-2	-2	2	-1	-2	0
-2	-2	2	-1	-1	0
-2	-2	2	-1	0	0
-2	-2	2	-1	1	0
-2	-2	2	-1	2	0
-2	-2	2	-1	3	0
-2	-2	2	0	-3	0
-2	-2	2	0	-2	0
-2	-2	2	0	-1	0
-2	-2	2	0	0	0
-2	-2	2	0	1	0
-2	-2	2	0	2	0
-2	-2	2	0	3	0
-2	-2	2	1	-3	0
-2	-2	2	1	-2	0
-2	-2	2	1	-1	0
-2	-2	2	1	0	0
-2	-2	2	1	1	0
-2	-2	2	1	2	0
-2	-2	2	1	3	0
-2	-2	2	2	-3	0
-2	-2	2	2	-2	0
-2	-2	2	2	-1	0
-2	-2	2	2	0	0
-2	-2	2	2	1	0
-2	-2	2	2	2	0
-2	-2	2	2	3	0
-2	-2	2	3	-3	0
-2	-2	2	3	-2	0
-2	-2	2	3	-1	0
-2	-2	2	3	0	0
-2	-2	2	3	1	0
-2	-2	2	3	2	0
-2	-2	2	3	3	0
-2	-2	3	-3	-3	0
-2	-2	3	-3	-2	0
-2	-2	3	-3	-1	0
-2	-2	3	-3	0	0
-2	-2	3	-3	1	0
-2	-2	3	-3	2	0
-2	-2	3	-3	3	0
-2	-2	3	-2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-2	3	-2	-2	0
-2	-2	3	-2	-1	0
-2	-2	3	-2	0	0
-2	-2	3	-2	1	0
-2	-2	3	-2	2	0
-2	-2	3	-2	3	0
-2	-2	3	-1	-3	0
-2	-2	3	-1	-2	0
-2	-2	3	-1	-1	0
-2	-2	3	-1	0	0
-2	-2	3	-1	1	0
-2	-2	3	-1	2	0
-2	-2	3	-1	3	0
-2	-2	3	0	-3	0
-2	-2	3	0	-2	0
-2	-2	3	0	-1	0
-2	-2	3	0	0	0
-2	-2	3	0	1	0
-2	-2	3	0	2	0
-2	-2	3	0	3	0
-2	-2	3	1	-3	0
-2	-2	3	1	-2	0
-2	-2	3	1	-1	0
-2	-2	3	1	0	0
-2	-2	3	1	1	0
-2	-2	3	1	2	0
-2	-2	3	1	3	0
-2	-2	3	2	-3	0
-2	-2	3	2	-2	0
-2	-2	3	2	-1	0
-2	-2	3	2	0	0
-2	-2	3	2	1	0
-2	-2	3	2	2	0
-2	-2	3	2	3	0
-2	-2	3	3	-3	0
-2	-2	3	3	-2	0
-2	-2	3	3	-1	0
-2	-2	3	3	0	0
-2	-2	3	3	1	0
-2	-2	3	3	2	0
-2	-2	3	3	3	0
-2	-1	-3	-3	-3	0
-2	-1	-3	-3	-2	0
-2	-1	-3	-3	-1	0
-2	-1	-3	-3	0	0
-2	-1	-3	-3	1	0
-2	-1	-3	-3	2	0
-2	-1	-3	-3	3	0
-2	-1	-3	-2	-3	0
-2	-1	-3	-2	-2	0
-2	-1	-3	-2	-1	0
-2	-1	-3	-2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	-3	-2	1	0
-2	-1	-3	-2	2	0
-2	-1	-3	-2	3	0
-2	-1	-3	-1	-3	0
-2	-1	-3	-1	-2	0
-2	-1	-3	-1	-1	0
-2	-1	-3	-1	0	0
-2	-1	-3	-1	1	0
-2	-1	-3	-1	2	0
-2	-1	-3	-1	3	0
-2	-1	-3	0	-3	0
-2	-1	-3	0	-2	0
-2	-1	-3	0	-1	0
-2	-1	-3	0	0	0
-2	-1	-3	0	1	0
-2	-1	-3	0	2	0
-2	-1	-3	0	3	0
-2	-1	-3	1	-3	0
-2	-1	-3	1	-2	0
-2	-1	-3	1	-1	0
-2	-1	-3	1	0	0
-2	-1	-3	1	1	0
-2	-1	-3	1	2	0
-2	-1	-3	1	3	0
-2	-1	-3	2	-3	0
-2	-1	-3	2	-2	0
-2	-1	-3	2	-1	0
-2	-1	-3	2	0	0
-2	-1	-3	2	1	0
-2	-1	-3	2	2	0
-2	-1	-3	2	3	0
-2	-1	-3	3	-3	0
-2	-1	-3	3	-2	0
-2	-1	-3	3	-1	0
-2	-1	-3	3	0	0
-2	-1	-3	3	1	0
-2	-1	-3	3	2	0
-2	-1	-3	3	3	0
-2	-1	-2	-3	-3	0
-2	-1	-2	-3	-2	0
-2	-1	-2	-3	-1	0
-2	-1	-2	-3	0	0
-2	-1	-2	-3	1	0
-2	-1	-2	-3	2	0
-2	-1	-2	-3	3	0
-2	-1	-2	-2	-3	0
-2	-1	-2	-2	-2	0
-2	-1	-2	-2	-1	0
-2	-1	-2	-2	0	0
-2	-1	-2	-2	1	0
-2	-1	-2	-2	2	0
-2	-1	-2	-2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	-2	-1	-3	0
-2	-1	-2	-1	-2	0
-2	-1	-2	-1	-1	0
-2	-1	-2	-1	0	0
-2	-1	-2	-1	1	0
-2	-1	-2	-1	2	0
-2	-1	-2	-1	3	0
-2	-1	-2	0	-3	0
-2	-1	-2	0	-2	0
-2	-1	-2	0	-1	0
-2	-1	-2	0	0	0
-2	-1	-2	0	1	0
-2	-1	-2	0	2	0
-2	-1	-2	0	3	0
-2	-1	-2	1	-3	0
-2	-1	-2	1	-2	0
-2	-1	-2	1	-1	0
-2	-1	-2	1	0	0
-2	-1	-2	1	1	0
-2	-1	-2	1	2	0
-2	-1	-2	1	3	0
-2	-1	-2	2	-3	0
-2	-1	-2	2	-2	0
-2	-1	-2	2	-1	0
-2	-1	-2	2	0	0
-2	-1	-2	2	1	0
-2	-1	-2	2	2	0
-2	-1	-2	2	3	0
-2	-1	-2	3	-3	0
-2	-1	-2	3	-2	0
-2	-1	-2	3	-1	0
-2	-1	-2	3	0	0
-2	-1	-2	3	1	0
-2	-1	-2	3	2	0
-2	-1	-2	3	3	0
-2	-1	-1	-3	-3	0
-2	-1	-1	-3	-2	0
-2	-1	-1	-3	-1	0
-2	-1	-1	-3	0	0
-2	-1	-1	-3	1	0
-2	-1	-1	-3	2	0
-2	-1	-1	-3	3	0
-2	-1	-1	-2	-3	0
-2	-1	-1	-2	-2	0
-2	-1	-1	-2	-1	0
-2	-1	-1	-2	0	0
-2	-1	-1	-2	1	0
-2	-1	-1	-2	2	0
-2	-1	-1	-2	3	0
-2	-1	-1	-1	-3	0
-2	-1	-1	-1	-2	0
-2	-1	-1	-1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	-1	-1	0	0
-2	-1	-1	-1	1	0
-2	-1	-1	-1	2	0
-2	-1	-1	-1	3	0
-2	-1	-1	0	-3	0
-2	-1	-1	0	-2	0
-2	-1	-1	0	-1	0
-2	-1	-1	0	0	0
-2	-1	-1	0	1	0
-2	-1	-1	0	2	0
-2	-1	-1	0	3	0
-2	-1	-1	1	-3	0
-2	-1	-1	1	-2	0
-2	-1	-1	1	-1	0
-2	-1	-1	1	0	0
-2	-1	-1	1	1	0
-2	-1	-1	1	2	0
-2	-1	-1	1	3	0
-2	-1	-1	2	-3	0
-2	-1	-1	2	-2	0
-2	-1	-1	2	-1	0
-2	-1	-1	2	0	0
-2	-1	-1	2	1	0
-2	-1	-1	2	2	0
-2	-1	-1	2	3	0
-2	-1	-1	3	-3	0
-2	-1	-1	3	-2	0
-2	-1	-1	3	-1	0
-2	-1	-1	3	0	0
-2	-1	-1	3	1	0
-2	-1	-1	3	2	0
-2	-1	-1	3	3	0
-2	-1	0	-3	-3	0
-2	-1	0	-3	-2	0
-2	-1	0	-3	-1	0
-2	-1	0	-3	0	0
-2	-1	0	-3	1	0
-2	-1	0	-3	2	0
-2	-1	0	-3	3	0
-2	-1	0	-2	-3	0
-2	-1	0	-2	-2	0
-2	-1	0	-2	-1	0
-2	-1	0	-2	0	0
-2	-1	0	-2	1	0
-2	-1	0	-2	2	0
-2	-1	0	-2	3	0
-2	-1	0	-1	-3	0
-2	-1	0	-1	-2	0
-2	-1	0	-1	-1	0
-2	-1	0	-1	0	0
-2	-1	0	-1	1	0
-2	-1	0	-1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	0	-1	3	0
-2	-1	0	0	-3	0
-2	-1	0	0	-2	0
-2	-1	0	0	-1	0
-2	-1	0	0	0	0
-2	-1	0	0	1	0
-2	-1	0	0	2	0
-2	-1	0	0	3	0
-2	-1	0	1	-3	0
-2	-1	0	1	-2	0
-2	-1	0	1	-1	0
-2	-1	0	1	0	0
-2	-1	0	1	1	0
-2	-1	0	1	2	0
-2	-1	0	1	3	0
-2	-1	0	2	-3	0
-2	-1	0	2	-2	0
-2	-1	0	2	-1	0
-2	-1	0	2	0	0
-2	-1	0	2	1	0
-2	-1	0	2	2	0
-2	-1	0	2	3	0
-2	-1	0	3	-3	0
-2	-1	0	3	-2	0
-2	-1	0	3	-1	0
-2	-1	0	3	0	0
-2	-1	0	3	1	0
-2	-1	0	3	2	0
-2	-1	0	3	3	0
-2	-1	1	-3	-3	0
-2	-1	1	-3	-2	0
-2	-1	1	-3	-1	0
-2	-1	1	-3	0	0
-2	-1	1	-3	1	0
-2	-1	1	-3	2	0
-2	-1	1	-3	3	0
-2	-1	1	-2	-3	0
-2	-1	1	-2	-2	0
-2	-1	1	-2	-1	0
-2	-1	1	-2	0	0
-2	-1	1	-2	1	0
-2	-1	1	-2	2	0
-2	-1	1	-2	3	0
-2	-1	1	-1	-3	0
-2	-1	1	-1	-2	0
-2	-1	1	-1	-1	0
-2	-1	1	-1	0	0
-2	-1	1	-1	1	0
-2	-1	1	-1	2	0
-2	-1	1	-1	3	0
-2	-1	1	0	-3	0
-2	-1	1	0	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	1	0	-1	0
-2	-1	1	0	0	0
-2	-1	1	0	1	0
-2	-1	1	0	2	0
-2	-1	1	0	3	0
-2	-1	1	1	-3	0
-2	-1	1	1	-2	0
-2	-1	1	1	-1	0
-2	-1	1	1	0	0
-2	-1	1	1	1	0
-2	-1	1	1	2	0
-2	-1	1	1	3	0
-2	-1	1	2	-3	0
-2	-1	1	2	-2	0
-2	-1	1	2	-1	0
-2	-1	1	2	0	0
-2	-1	1	2	1	0
-2	-1	1	2	2	0
-2	-1	1	2	3	0
-2	-1	1	3	-3	0
-2	-1	1	3	-2	0
-2	-1	1	3	-1	0
-2	-1	1	3	0	0
-2	-1	1	3	1	0
-2	-1	1	3	2	0
-2	-1	1	3	3	0
-2	-1	2	-3	-3	0
-2	-1	2	-3	-2	0
-2	-1	2	-3	-1	0
-2	-1	2	-3	0	0
-2	-1	2	-3	1	0
-2	-1	2	-3	2	0
-2	-1	2	-3	3	0
-2	-1	2	-2	-3	0
-2	-1	2	-2	-2	0
-2	-1	2	-2	-1	0
-2	-1	2	-2	0	0
-2	-1	2	-2	1	0
-2	-1	2	-2	2	0
-2	-1	2	-2	3	0
-2	-1	2	-1	-3	0
-2	-1	2	-1	-2	0
-2	-1	2	-1	-1	0
-2	-1	2	-1	0	0
-2	-1	2	-1	1	0
-2	-1	2	-1	2	0
-2	-1	2	-1	3	0
-2	-1	2	0	-3	0
-2	-1	2	0	-2	0
-2	-1	2	0	-1	0
-2	-1	2	0	0	0
-2	-1	2	0	1	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	2	0	2	0
-2	-1	2	0	3	0
-2	-1	2	1	-3	0
-2	-1	2	1	-2	0
-2	-1	2	1	-1	0
-2	-1	2	1	0	0
-2	-1	2	1	1	0
-2	-1	2	1	2	0
-2	-1	2	1	3	0
-2	-1	2	2	-3	0
-2	-1	2	2	-2	0
-2	-1	2	2	-1	0
-2	-1	2	2	0	0
-2	-1	2	2	1	0
-2	-1	2	2	2	0
-2	-1	2	2	3	0
-2	-1	2	3	-3	0
-2	-1	2	3	-2	0
-2	-1	2	3	-1	0
-2	-1	2	3	0	0
-2	-1	2	3	1	0
-2	-1	2	3	2	0
-2	-1	2	3	3	0
-2	-1	3	-3	-3	0
-2	-1	3	-3	-2	0
-2	-1	3	-3	-1	0
-2	-1	3	-3	0	0
-2	-1	3	-3	1	0
-2	-1	3	-3	2	0
-2	-1	3	-3	3	0
-2	-1	3	-2	-3	0
-2	-1	3	-2	-2	0
-2	-1	3	-2	-1	0
-2	-1	3	-2	0	0
-2	-1	3	-2	1	0
-2	-1	3	-2	2	0
-2	-1	3	-2	3	0
-2	-1	3	-1	-3	0
-2	-1	3	-1	-2	0
-2	-1	3	-1	-1	0
-2	-1	3	-1	0	0
-2	-1	3	-1	1	0
-2	-1	3	-1	2	0
-2	-1	3	-1	3	0
-2	-1	3	0	-3	0
-2	-1	3	0	-2	0
-2	-1	3	0	-1	0
-2	-1	3	0	0	0
-2	-1	3	0	1	0
-2	-1	3	0	2	0
-2	-1	3	0	3	0
-2	-1	3	1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	-1	3	1	-2	0
-2	-1	3	1	-1	0
-2	-1	3	1	0	0
-2	-1	3	1	1	0
-2	-1	3	1	2	0
-2	-1	3	1	3	0
-2	-1	3	2	-3	0
-2	-1	3	2	-2	0
-2	-1	3	2	-1	0
-2	-1	3	2	0	0
-2	-1	3	2	1	0
-2	-1	3	2	2	0
-2	-1	3	2	3	0
-2	-1	3	3	-3	0
-2	-1	3	3	-2	0
-2	-1	3	3	-1	0
-2	-1	3	3	0	0
-2	-1	3	3	1	0
-2	-1	3	3	2	0
-2	-1	3	3	3	0
-2	0	-3	-3	-3	0
-2	0	-3	-3	-2	0
-2	0	-3	-3	-1	0
-2	0	-3	-3	0	0
-2	0	-3	-3	1	0
-2	0	-3	-3	2	0
-2	0	-3	-3	3	0
-2	0	-3	-2	-3	0
-2	0	-3	-2	-2	0
-2	0	-3	-2	-1	0
-2	0	-3	-2	0	0
-2	0	-3	-2	1	0
-2	0	-3	-2	2	0
-2	0	-3	-2	3	0
-2	0	-3	-1	-3	0
-2	0	-3	-1	-2	0
-2	0	-3	-1	-1	0
-2	0	-3	-1	0	0
-2	0	-3	-1	1	0
-2	0	-3	-1	2	0
-2	0	-3	-1	3	0
-2	0	-3	0	-3	0
-2	0	-3	0	-2	0
-2	0	-3	0	-1	0
-2	0	-3	0	0	0
-2	0	-3	0	1	0
-2	0	-3	0	2	0
-2	0	-3	0	3	0
-2	0	-3	1	-3	0
-2	0	-3	1	-2	0
-2	0	-3	1	-1	0
-2	0	-3	1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	0	-3	1	1	0
-2	0	-3	1	2	0
-2	0	-3	1	3	0
-2	0	-3	2	-3	0
-2	0	-3	2	-2	0
-2	0	-3	2	-1	0
-2	0	-3	2	0	0
-2	0	-3	2	1	0
-2	0	-3	2	2	0
-2	0	-3	2	3	0
-2	0	-3	3	-3	0
-2	0	-3	3	-2	0
-2	0	-3	3	-1	0
-2	0	-3	3	0	0
-2	0	-3	3	1	0
-2	0	-3	3	2	0
-2	0	-3	3	3	0
-2	0	-2	-3	-3	0
-2	0	-2	-3	-2	0
-2	0	-2	-3	-1	0
-2	0	-2	-3	0	0
-2	0	-2	-3	1	0
-2	0	-2	-3	2	0
-2	0	-2	-3	3	0
-2	0	-2	-2	-3	0
-2	0	-2	-2	-2	0
-2	0	-2	-2	-1	0
-2	0	-2	-2	0	0
-2	0	-2	-2	1	0
-2	0	-2	-2	2	0
-2	0	-2	-2	3	0
-2	0	-2	-1	-3	0
-2	0	-2	-1	-2	0
-2	0	-2	-1	-1	0
-2	0	-2	-1	0	0
-2	0	-2	-1	1	0
-2	0	-2	-1	2	0
-2	0	-2	-1	3	0
-2	0	-2	0	-3	0
-2	0	-2	0	-2	0
-2	0	-2	0	-1	0
-2	0	-2	0	0	0
-2	0	-2	0	1	0
-2	0	-2	0	2	0
-2	0	-2	0	3	0
-2	0	-2	1	-3	0
-2	0	-2	1	-2	0
-2	0	-2	1	-1	0
-2	0	-2	1	0	0
-2	0	-2	1	1	0
-2	0	-2	1	2	0
-2	0	-2	1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	0	-2	2	-3	0
-2	0	-2	2	-2	0
-2	0	-2	2	-1	0
-2	0	-2	2	0	0
-2	0	-2	2	1	0
-2	0	-2	2	2	0
-2	0	-2	2	3	0
-2	0	-2	3	-3	0
-2	0	-2	3	-2	0
-2	0	-2	3	-1	0
-2	0	-2	3	0	0
-2	0	-2	3	1	0
-2	0	-2	3	2	0
-2	0	-2	3	3	0
-2	0	-1	-3	-3	0
-2	0	-1	-3	-2	0
-2	0	-1	-3	-1	0
-2	0	-1	-3	0	0
-2	0	-1	-3	1	0
-2	0	-1	-3	2	0
-2	0	-1	-3	3	0
-2	0	-1	-2	-3	0
-2	0	-1	-2	-2	0
-2	0	-1	-2	-1	0
-2	0	-1	-2	0	0
-2	0	-1	-2	1	0
-2	0	-1	-2	2	0
-2	0	-1	-2	3	0
-2	0	-1	-1	-3	0
-2	0	-1	-1	-2	0
-2	0	-1	-1	-1	0
-2	0	-1	-1	0	0
-2	0	-1	-1	1	0
-2	0	-1	-1	2	0
-2	0	-1	-1	3	0
-2	0	-1	0	-3	0
-2	0	-1	0	-2	0
-2	0	-1	0	-1	0
-2	0	-1	0	0	0
-2	0	-1	0	1	0
-2	0	-1	0	2	0
-2	0	-1	0	3	0
-2	0	-1	1	-3	0
-2	0	-1	1	-2	0
-2	0	-1	1	-1	0
-2	0	-1	1	0	0
-2	0	-1	1	1	0
-2	0	-1	1	2	0
-2	0	-1	1	3	0
-2	0	-1	2	-3	0
-2	0	-1	2	-2	0
-2	0	-1	2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	0	-1	2	0	0
-2	0	-1	2	1	0
-2	0	-1	2	2	0
-2	0	-1	2	3	0
-2	0	-1	3	-3	0
-2	0	-1	3	-2	0
-2	0	-1	3	-1	0
-2	0	-1	3	0	0
-2	0	-1	3	1	0
-2	0	-1	3	2	0
-2	0	-1	3	3	0
-2	0	0	-3	-3	0
-2	0	0	-3	-2	0
-2	0	0	-3	-1	0
-2	0	0	-3	0	0
-2	0	0	-3	1	0
-2	0	0	-3	2	0
-2	0	0	-3	3	0
-2	0	0	-2	-3	0
-2	0	0	-2	-2	0
-2	0	0	-2	-1	0
-2	0	0	-2	0	0
-2	0	0	-2	1	0
-2	0	0	-2	2	0
-2	0	0	-2	3	0
-2	0	0	-1	-3	0
-2	0	0	-1	-2	0
-2	0	0	-1	-1	0
-2	0	0	-1	0	0
-2	0	0	-1	1	0
-2	0	0	-1	2	0
-2	0	0	-1	3	0
-2	0	0	0	-3	0
-2	0	0	0	-2	0
-2	0	0	0	-1	0
-2	0	0	0	0	0
-2	0	0	0	1	0
-2	0	0	0	2	0
-2	0	0	0	3	0
-2	0	0	1	-3	0
-2	0	0	1	-2	0
-2	0	0	1	-1	0
-2	0	0	1	0	0
-2	0	0	1	1	0
-2	0	0	1	2	0
-2	0	0	1	3	0
-2	0	0	2	-3	0
-2	0	0	2	-2	0
-2	0	0	2	-1	0
-2	0	0	2	0	0
-2	0	0	2	1	0
-2	0	0	2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	0	0	2	3	0
-2	0	0	3	-3	0
-2	0	0	3	-2	0
-2	0	0	3	-1	0
-2	0	0	3	0	0
-2	0	0	3	1	0
-2	0	0	3	2	0
-2	0	0	3	3	0
-2	0	1	-3	-3	0
-2	0	1	-3	-2	0
-2	0	1	-3	-1	0
-2	0	1	-3	0	0
-2	0	1	-3	1	0
-2	0	1	-3	2	0
-2	0	1	-3	3	0
-2	0	1	-2	-3	0
-2	0	1	-2	-2	0
-2	0	1	-2	-1	0
-2	0	1	-2	0	0
-2	0	1	-2	1	0
-2	0	1	-2	2	0
-2	0	1	-2	3	0
-2	0	1	-1	-3	0
-2	0	1	-1	-2	0
-2	0	1	-1	-1	0
-2	0	1	-1	0	0
-2	0	1	-1	1	0
-2	0	1	-1	2	0
-2	0	1	-1	3	0
-2	0	1	0	-3	0
-2	0	1	0	-2	0
-2	0	1	0	-1	0
-2	0	1	0	0	0
-2	0	1	0	1	0
-2	0	1	0	2	0
-2	0	1	0	3	0
-2	0	1	1	-3	0
-2	0	1	1	-2	0
-2	0	1	1	-1	0
-2	0	1	1	0	0
-2	0	1	1	1	0
-2	0	1	1	2	0
-2	0	1	1	3	0
-2	0	1	2	-3	0
-2	0	1	2	-2	0
-2	0	1	2	-1	0
-2	0	1	2	0	0
-2	0	1	2	1	0
-2	0	1	2	2	0
-2	0	1	2	3	0
-2	0	1	3	-3	0
-2	0	1	3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	0	1	3	-1	0
-2	0	1	3	0	0
-2	0	1	3	1	0
-2	0	1	3	2	0
-2	0	1	3	3	0
-2	0	2	-3	-3	0
-2	0	2	-3	-2	0
-2	0	2	-3	-1	0
-2	0	2	-3	0	0
-2	0	2	-3	1	0
-2	0	2	-3	2	0
-2	0	2	-3	3	0
-2	0	2	-2	-3	0
-2	0	2	-2	-2	0
-2	0	2	-2	-1	0
-2	0	2	-2	0	0
-2	0	2	-2	1	0
-2	0	2	-2	2	0
-2	0	2	-2	3	0
-2	0	2	-1	-3	0
-2	0	2	-1	-2	0
-2	0	2	-1	-1	0
-2	0	2	-1	0	0
-2	0	2	-1	1	0
-2	0	2	-1	2	0
-2	0	2	-1	3	0
-2	0	2	0	-3	0
-2	0	2	0	-2	0
-2	0	2	0	-1	0
-2	0	2	0	0	0
-2	0	2	0	1	0
-2	0	2	0	2	0
-2	0	2	0	3	0
-2	0	2	1	-3	0
-2	0	2	1	-2	0
-2	0	2	1	-1	0
-2	0	2	1	0	0
-2	0	2	1	1	0
-2	0	2	1	2	0
-2	0	2	1	3	0
-2	0	2	2	-3	0
-2	0	2	2	-2	0
-2	0	2	2	-1	0
-2	0	2	2	0	0
-2	0	2	2	1	0
-2	0	2	2	2	0
-2	0	2	2	3	0
-2	0	2	3	-3	0
-2	0	2	3	-2	0
-2	0	2	3	-1	0
-2	0	2	3	0	0
-2	0	2	3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	0	2	3	2	0
-2	0	2	3	3	0
-2	0	3	-3	-3	0
-2	0	3	-3	-2	0
-2	0	3	-3	-1	0
-2	0	3	-3	0	0
-2	0	3	-3	1	0
-2	0	3	-3	2	0
-2	0	3	-3	3	0
-2	0	3	-2	-3	0
-2	0	3	-2	-2	0
-2	0	3	-2	-1	0
-2	0	3	-2	0	0
-2	0	3	-2	1	0
-2	0	3	-2	2	0
-2	0	3	-2	3	0
-2	0	3	-1	-3	0
-2	0	3	-1	-2	0
-2	0	3	-1	-1	0
-2	0	3	-1	0	0
-2	0	3	-1	1	0
-2	0	3	-1	2	0
-2	0	3	-1	3	0
-2	0	3	0	-3	0
-2	0	3	0	-2	0
-2	0	3	0	-1	0
-2	0	3	0	0	0
-2	0	3	0	1	0
-2	0	3	0	2	0
-2	0	3	0	3	0
-2	0	3	1	-3	0
-2	0	3	1	-2	0
-2	0	3	1	-1	0
-2	0	3	1	0	0
-2	0	3	1	1	0
-2	0	3	1	2	0
-2	0	3	1	3	0
-2	0	3	2	-3	0
-2	0	3	2	-2	0
-2	0	3	2	-1	0
-2	0	3	2	0	0
-2	0	3	2	1	0
-2	0	3	2	2	0
-2	0	3	2	3	0
-2	0	3	3	-3	0
-2	0	3	3	-2	0
-2	0	3	3	-1	0
-2	0	3	3	0	0
-2	0	3	3	1	0
-2	0	3	3	2	0
-2	0	3	3	3	0
-2	1	-3	-3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	-3	-3	-2	0
-2	1	-3	-3	-1	0
-2	1	-3	-3	0	0
-2	1	-3	-3	1	0
-2	1	-3	-3	2	0
-2	1	-3	-3	3	0
-2	1	-3	-2	-3	0
-2	1	-3	-2	-2	0
-2	1	-3	-2	-1	0
-2	1	-3	-2	0	0
-2	1	-3	-2	1	0
-2	1	-3	-2	2	0
-2	1	-3	-2	3	0
-2	1	-3	-1	-3	0
-2	1	-3	-1	-2	0
-2	1	-3	-1	-1	0
-2	1	-3	-1	0	0
-2	1	-3	-1	1	0
-2	1	-3	-1	2	0
-2	1	-3	-1	3	0
-2	1	-3	0	-3	0
-2	1	-3	0	-2	0
-2	1	-3	0	-1	0
-2	1	-3	0	0	0
-2	1	-3	0	1	0
-2	1	-3	0	2	0
-2	1	-3	0	3	0
-2	1	-3	1	-3	0
-2	1	-3	1	-2	0
-2	1	-3	1	-1	0
-2	1	-3	1	0	0
-2	1	-3	1	1	0
-2	1	-3	1	2	0
-2	1	-3	1	3	0
-2	1	-3	2	-3	0
-2	1	-3	2	-2	0
-2	1	-3	2	-1	0
-2	1	-3	2	0	0
-2	1	-3	2	1	0
-2	1	-3	2	2	0
-2	1	-3	2	3	0
-2	1	-3	3	-3	0
-2	1	-3	3	-2	0
-2	1	-3	3	-1	0
-2	1	-3	3	0	0
-2	1	-3	3	1	0
-2	1	-3	3	2	0
-2	1	-3	3	3	0
-2	1	-2	-3	-3	0
-2	1	-2	-3	-2	0
-2	1	-2	-3	-1	0
-2	1	-2	-3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	-2	-3	1	0
-2	1	-2	-3	2	0
-2	1	-2	-3	3	0
-2	1	-2	-2	-3	0
-2	1	-2	-2	-2	0
-2	1	-2	-2	-1	0
-2	1	-2	-2	0	0
-2	1	-2	-2	1	0
-2	1	-2	-2	2	0
-2	1	-2	-2	3	0
-2	1	-2	-1	-3	0
-2	1	-2	-1	-2	0
-2	1	-2	-1	-1	0
-2	1	-2	-1	0	0
-2	1	-2	-1	1	0
-2	1	-2	-1	2	0
-2	1	-2	-1	3	0
-2	1	-2	0	-3	0
-2	1	-2	0	-2	0
-2	1	-2	0	-1	0
-2	1	-2	0	0	0
-2	1	-2	0	1	0
-2	1	-2	0	2	0
-2	1	-2	0	3	0
-2	1	-2	1	-3	0
-2	1	-2	1	-2	0
-2	1	-2	1	-1	0
-2	1	-2	1	0	0
-2	1	-2	1	1	0
-2	1	-2	1	2	0
-2	1	-2	1	3	0
-2	1	-2	2	-3	0
-2	1	-2	2	-2	0
-2	1	-2	2	-1	0
-2	1	-2	2	0	0
-2	1	-2	2	1	0
-2	1	-2	2	2	0
-2	1	-2	2	3	0
-2	1	-2	3	-3	0
-2	1	-2	3	-2	0
-2	1	-2	3	-1	0
-2	1	-2	3	0	0
-2	1	-2	3	1	0
-2	1	-2	3	2	0
-2	1	-2	3	3	0
-2	1	-1	-3	-3	0
-2	1	-1	-3	-2	0
-2	1	-1	-3	-1	0
-2	1	-1	-3	0	0
-2	1	-1	-3	1	0
-2	1	-1	-3	2	0
-2	1	-1	-3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	-1	-2	-3	0
-2	1	-1	-2	-2	0
-2	1	-1	-2	-1	0
-2	1	-1	-2	0	0
-2	1	-1	-2	1	0
-2	1	-1	-2	2	0
-2	1	-1	-2	3	0
-2	1	-1	-1	-3	0
-2	1	-1	-1	-2	0
-2	1	-1	-1	-1	0
-2	1	-1	-1	0	0
-2	1	-1	-1	1	0
-2	1	-1	-1	2	0
-2	1	-1	-1	3	0
-2	1	-1	0	-3	0
-2	1	-1	0	-2	0
-2	1	-1	0	-1	0
-2	1	-1	0	0	0
-2	1	-1	0	1	0
-2	1	-1	0	2	0
-2	1	-1	0	3	0
-2	1	-1	1	-3	0
-2	1	-1	1	-2	0
-2	1	-1	1	-1	0
-2	1	-1	1	0	0
-2	1	-1	1	1	0
-2	1	-1	1	2	0
-2	1	-1	1	3	0
-2	1	-1	2	-3	0
-2	1	-1	2	-2	0
-2	1	-1	2	-1	0
-2	1	-1	2	0	0
-2	1	-1	2	1	0
-2	1	-1	2	2	0
-2	1	-1	2	3	0
-2	1	-1	3	-3	0
-2	1	-1	3	-2	0
-2	1	-1	3	-1	0
-2	1	-1	3	0	0
-2	1	-1	3	1	0
-2	1	-1	3	2	0
-2	1	-1	3	3	0
-2	1	0	-3	-3	0
-2	1	0	-3	-2	0
-2	1	0	-3	-1	0
-2	1	0	-3	0	0
-2	1	0	-3	1	0
-2	1	0	-3	2	0
-2	1	0	-3	3	0
-2	1	0	-2	-3	0
-2	1	0	-2	-2	0
-2	1	0	-2	-1	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	0	-2	0	0
-2	1	0	-2	1	0
-2	1	0	-2	2	0
-2	1	0	-2	3	0
-2	1	0	-1	-3	0
-2	1	0	-1	-2	0
-2	1	0	-1	-1	0
-2	1	0	-1	0	0
-2	1	0	-1	1	0
-2	1	0	-1	2	0
-2	1	0	-1	3	0
-2	1	0	0	-3	0
-2	1	0	0	-2	0
-2	1	0	0	-1	0
-2	1	0	0	0	0
-2	1	0	0	1	0
-2	1	0	0	2	0
-2	1	0	0	3	0
-2	1	0	1	-3	0
-2	1	0	1	-2	0
-2	1	0	1	-1	0
-2	1	0	1	0	0
-2	1	0	1	1	0
-2	1	0	1	2	0
-2	1	0	1	3	0
-2	1	0	2	-3	0
-2	1	0	2	-2	0
-2	1	0	2	-1	0
-2	1	0	2	0	0
-2	1	0	2	1	0
-2	1	0	2	2	0
-2	1	0	2	3	0
-2	1	0	3	-3	0
-2	1	0	3	-2	0
-2	1	0	3	-1	0
-2	1	0	3	0	0
-2	1	0	3	1	0
-2	1	0	3	2	0
-2	1	0	3	3	0
-2	1	1	-3	-3	0
-2	1	1	-3	-2	0
-2	1	1	-3	-1	0
-2	1	1	-3	0	0
-2	1	1	-3	1	0
-2	1	1	-3	2	0
-2	1	1	-3	3	0
-2	1	1	-2	-3	0
-2	1	1	-2	-2	0
-2	1	1	-2	-1	0
-2	1	1	-2	0	0
-2	1	1	-2	1	0
-2	1	1	-2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	1	-2	3	0
-2	1	1	-1	-3	0
-2	1	1	-1	-2	0
-2	1	1	-1	-1	0
-2	1	1	-1	0	0
-2	1	1	-1	1	0
-2	1	1	-1	2	0
-2	1	1	-1	3	0
-2	1	1	0	-3	0
-2	1	1	0	-2	0
-2	1	1	0	-1	0
-2	1	1	0	0	0
-2	1	1	0	1	0
-2	1	1	0	2	0
-2	1	1	0	3	0
-2	1	1	1	-3	0
-2	1	1	1	-2	0
-2	1	1	1	-1	0
-2	1	1	1	0	0
-2	1	1	1	1	0
-2	1	1	1	2	0
-2	1	1	1	3	0
-2	1	1	2	-3	0
-2	1	1	2	-2	0
-2	1	1	2	-1	0
-2	1	1	2	0	0
-2	1	1	2	1	0
-2	1	1	2	2	0
-2	1	1	2	3	0
-2	1	1	3	-3	0
-2	1	1	3	-2	0
-2	1	1	3	-1	0
-2	1	1	3	0	0
-2	1	1	3	1	0
-2	1	1	3	2	0
-2	1	1	3	3	0
-2	1	2	-3	-3	0
-2	1	2	-3	-2	0
-2	1	2	-3	-1	0
-2	1	2	-3	0	0
-2	1	2	-3	1	0
-2	1	2	-3	2	0
-2	1	2	-3	3	0
-2	1	2	-2	-3	0
-2	1	2	-2	-2	0
-2	1	2	-2	-1	0
-2	1	2	-2	0	0
-2	1	2	-2	1	0
-2	1	2	-2	2	0
-2	1	2	-2	3	0
-2	1	2	-1	-3	0
-2	1	2	-1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	2	-1	-1	0
-2	1	2	-1	0	0
-2	1	2	-1	1	0
-2	1	2	-1	2	0
-2	1	2	-1	3	0
-2	1	2	0	-3	0
-2	1	2	0	-2	0
-2	1	2	0	-1	0
-2	1	2	0	0	0
-2	1	2	0	1	0
-2	1	2	0	2	0
-2	1	2	0	3	0
-2	1	2	1	-3	0
-2	1	2	1	-2	0
-2	1	2	1	-1	0
-2	1	2	1	0	0
-2	1	2	1	1	0
-2	1	2	1	2	0
-2	1	2	1	3	0
-2	1	2	2	-3	0
-2	1	2	2	-2	0
-2	1	2	2	-1	0
-2	1	2	2	0	0
-2	1	2	2	1	0
-2	1	2	2	2	0
-2	1	2	2	3	0
-2	1	2	3	-3	0
-2	1	2	3	-2	0
-2	1	2	3	-1	0
-2	1	2	3	0	0
-2	1	2	3	1	0
-2	1	2	3	2	0
-2	1	2	3	3	0
-2	1	3	-3	-3	0
-2	1	3	-3	-2	0
-2	1	3	-3	-1	0
-2	1	3	-3	0	0
-2	1	3	-3	1	0
-2	1	3	-3	2	0
-2	1	3	-3	3	0
-2	1	3	-2	-3	0
-2	1	3	-2	-2	0
-2	1	3	-2	-1	0
-2	1	3	-2	0	0
-2	1	3	-2	1	0
-2	1	3	-2	2	0
-2	1	3	-2	3	0
-2	1	3	-1	-3	0
-2	1	3	-1	-2	0
-2	1	3	-1	-1	0
-2	1	3	-1	0	0
-2	1	3	-1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	1	3	-1	2	0
-2	1	3	-1	3	0
-2	1	3	0	-3	0
-2	1	3	0	-2	0
-2	1	3	0	-1	0
-2	1	3	0	0	0
-2	1	3	0	1	0
-2	1	3	0	2	0
-2	1	3	0	3	0
-2	1	3	1	-3	0
-2	1	3	1	-2	0
-2	1	3	1	-1	0
-2	1	3	1	0	0
-2	1	3	1	1	0
-2	1	3	1	2	0
-2	1	3	1	3	0
-2	1	3	2	-3	0
-2	1	3	2	-2	0
-2	1	3	2	-1	0
-2	1	3	2	0	0
-2	1	3	2	1	0
-2	1	3	2	2	0
-2	1	3	2	3	0
-2	1	3	3	-3	0
-2	1	3	3	-2	0
-2	1	3	3	-1	0
-2	1	3	3	0	0
-2	1	3	3	1	0
-2	1	3	3	2	0
-2	1	3	3	3	0
-2	2	-3	-3	-3	0
-2	2	-3	-3	-2	0
-2	2	-3	-3	-1	0
-2	2	-3	-3	0	0
-2	2	-3	-3	1	0
-2	2	-3	-3	2	0
-2	2	-3	-3	3	0
-2	2	-3	-2	-3	0
-2	2	-3	-2	-2	0
-2	2	-3	-2	-1	0
-2	2	-3	-2	0	0
-2	2	-3	-2	1	0
-2	2	-3	-2	2	0
-2	2	-3	-2	3	0
-2	2	-3	-1	-3	0
-2	2	-3	-1	-2	0
-2	2	-3	-1	-1	0
-2	2	-3	-1	0	0
-2	2	-3	-1	1	0
-2	2	-3	-1	2	0
-2	2	-3	-1	3	0
-2	2	-3	0	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	-3	0	-2	0
-2	2	-3	0	-1	0
-2	2	-3	0	0	0
-2	2	-3	0	1	0
-2	2	-3	0	2	0
-2	2	-3	0	3	0
-2	2	-3	1	-3	0
-2	2	-3	1	-2	0
-2	2	-3	1	-1	0
-2	2	-3	1	0	0
-2	2	-3	1	1	0
-2	2	-3	1	2	0
-2	2	-3	1	3	0
-2	2	-3	2	-3	0
-2	2	-3	2	-2	0
-2	2	-3	2	-1	0
-2	2	-3	2	0	0
-2	2	-3	2	1	0
-2	2	-3	2	2	0
-2	2	-3	2	3	0
-2	2	-3	3	-3	0
-2	2	-3	3	-2	0
-2	2	-3	3	-1	0
-2	2	-3	3	0	0
-2	2	-3	3	1	0
-2	2	-3	3	2	0
-2	2	-3	3	3	0
-2	2	-2	-3	-3	0
-2	2	-2	-3	-2	0
-2	2	-2	-3	-1	0
-2	2	-2	-3	0	0
-2	2	-2	-3	1	0
-2	2	-2	-3	2	0
-2	2	-2	-3	3	0
-2	2	-2	-2	-3	0
-2	2	-2	-2	-2	0
-2	2	-2	-2	-1	0
-2	2	-2	-2	0	0
-2	2	-2	-2	1	0
-2	2	-2	-2	2	0
-2	2	-2	-2	3	0
-2	2	-2	-1	-3	0
-2	2	-2	-1	-2	0
-2	2	-2	-1	-1	0
-2	2	-2	-1	0	0
-2	2	-2	-1	1	0
-2	2	-2	-1	2	0
-2	2	-2	-1	3	0
-2	2	-2	0	-3	0
-2	2	-2	0	-2	0
-2	2	-2	0	-1	0
-2	2	-2	0	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	-2	0	1	0
-2	2	-2	0	2	0
-2	2	-2	0	3	0
-2	2	-2	1	-3	0
-2	2	-2	1	-2	0
-2	2	-2	1	-1	0
-2	2	-2	1	0	0
-2	2	-2	1	1	0
-2	2	-2	1	2	0
-2	2	-2	1	3	0
-2	2	-2	2	-3	0
-2	2	-2	2	-2	0
-2	2	-2	2	-1	0
-2	2	-2	2	0	0
-2	2	-2	2	1	0
-2	2	-2	2	2	0
-2	2	-2	2	3	0
-2	2	-2	3	-3	0
-2	2	-2	3	-2	0
-2	2	-2	3	-1	0
-2	2	-2	3	0	0
-2	2	-2	3	1	0
-2	2	-2	3	2	0
-2	2	-2	3	3	0
-2	2	-1	-3	-3	0
-2	2	-1	-3	-2	0
-2	2	-1	-3	-1	0
-2	2	-1	-3	0	0
-2	2	-1	-3	1	0
-2	2	-1	-3	2	0
-2	2	-1	-3	3	0
-2	2	-1	-2	-3	0
-2	2	-1	-2	-2	0
-2	2	-1	-2	-1	0
-2	2	-1	-2	0	0
-2	2	-1	-2	1	0
-2	2	-1	-2	2	0
-2	2	-1	-2	3	0
-2	2	-1	-1	-3	0
-2	2	-1	-1	-2	0
-2	2	-1	-1	-1	0
-2	2	-1	-1	0	0
-2	2	-1	-1	1	0
-2	2	-1	-1	2	0
-2	2	-1	-1	3	0
-2	2	-1	0	-3	0
-2	2	-1	0	-2	0
-2	2	-1	0	-1	0
-2	2	-1	0	0	0
-2	2	-1	0	1	0
-2	2	-1	0	2	0
-2	2	-1	0	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	-1	1	-3	0
-2	2	-1	1	-2	0
-2	2	-1	1	-1	0
-2	2	-1	1	0	0
-2	2	-1	1	1	0
-2	2	-1	1	2	0
-2	2	-1	1	3	0
-2	2	-1	2	-3	0
-2	2	-1	2	-2	0
-2	2	-1	2	-1	0
-2	2	-1	2	0	0
-2	2	-1	2	1	0
-2	2	-1	2	2	0
-2	2	-1	2	3	0
-2	2	-1	3	-3	0
-2	2	-1	3	-2	0
-2	2	-1	3	-1	0
-2	2	-1	3	0	0
-2	2	-1	3	1	0
-2	2	-1	3	2	0
-2	2	-1	3	3	0
-2	2	0	-3	-3	0
-2	2	0	-3	-2	0
-2	2	0	-3	-1	0
-2	2	0	-3	0	0
-2	2	0	-3	1	0
-2	2	0	-3	2	0
-2	2	0	-3	3	0
-2	2	0	-2	-3	0
-2	2	0	-2	-2	0
-2	2	0	-2	-1	0
-2	2	0	-2	0	0
-2	2	0	-2	1	0
-2	2	0	-2	2	0
-2	2	0	-2	3	0
-2	2	0	-1	-3	0
-2	2	0	-1	-2	0
-2	2	0	-1	-1	0
-2	2	0	-1	0	0
-2	2	0	-1	1	0
-2	2	0	-1	2	0
-2	2	0	-1	3	0
-2	2	0	0	-3	0
-2	2	0	0	-2	0
-2	2	0	0	-1	0
-2	2	0	0	0	0
-2	2	0	0	1	0
-2	2	0	0	2	0
-2	2	0	0	3	0
-2	2	0	1	-3	0
-2	2	0	1	-2	0
-2	2	0	1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	0	1	0	0
-2	2	0	1	1	0
-2	2	0	1	2	0
-2	2	0	1	3	0
-2	2	0	2	-3	0
-2	2	0	2	-2	0
-2	2	0	2	-1	0
-2	2	0	2	0	0
-2	2	0	2	1	0
-2	2	0	2	2	0
-2	2	0	2	3	0
-2	2	0	3	-3	0
-2	2	0	3	-2	0
-2	2	0	3	-1	0
-2	2	0	3	0	0
-2	2	0	3	1	0
-2	2	0	3	2	0
-2	2	0	3	3	0
-2	2	1	-3	-3	0
-2	2	1	-3	-2	0
-2	2	1	-3	-1	0
-2	2	1	-3	0	0
-2	2	1	-3	1	0
-2	2	1	-3	2	0
-2	2	1	-3	3	0
-2	2	1	-2	-3	0
-2	2	1	-2	-2	0
-2	2	1	-2	-1	0
-2	2	1	-2	0	0
-2	2	1	-2	1	0
-2	2	1	-2	2	0
-2	2	1	-2	3	0
-2	2	1	-1	-3	0
-2	2	1	-1	-2	0
-2	2	1	-1	-1	0
-2	2	1	-1	0	0
-2	2	1	-1	1	0
-2	2	1	-1	2	0
-2	2	1	-1	3	0
-2	2	1	0	-3	0
-2	2	1	0	-2	0
-2	2	1	0	-1	0
-2	2	1	0	0	0
-2	2	1	0	1	0
-2	2	1	0	2	0
-2	2	1	0	3	0
-2	2	1	1	-3	0
-2	2	1	1	-2	0
-2	2	1	1	-1	0
-2	2	1	1	0	0
-2	2	1	1	1	0
-2	2	1	1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	1	1	3	0
-2	2	1	2	-3	0
-2	2	1	2	-2	0
-2	2	1	2	-1	0
-2	2	1	2	0	0
-2	2	1	2	1	0
-2	2	1	2	2	0
-2	2	1	2	3	0
-2	2	1	3	-3	0
-2	2	1	3	-2	0
-2	2	1	3	-1	0
-2	2	1	3	0	0
-2	2	1	3	1	0
-2	2	1	3	2	0
-2	2	1	3	3	0
-2	2	2	-3	-3	0
-2	2	2	-3	-2	0
-2	2	2	-3	-1	0
-2	2	2	-3	0	0
-2	2	2	-3	1	0
-2	2	2	-3	2	0
-2	2	2	-3	3	0
-2	2	2	-2	-3	0
-2	2	2	-2	-2	0
-2	2	2	-2	-1	0
-2	2	2	-2	0	0
-2	2	2	-2	1	0
-2	2	2	-2	2	0
-2	2	2	-2	3	0
-2	2	2	-1	-3	0
-2	2	2	-1	-2	0
-2	2	2	-1	-1	0
-2	2	2	-1	0	0
-2	2	2	-1	1	0
-2	2	2	-1	2	0
-2	2	2	-1	3	0
-2	2	2	0	-3	0
-2	2	2	0	-2	0
-2	2	2	0	-1	0
-2	2	2	0	0	0
-2	2	2	0	1	0
-2	2	2	0	2	0
-2	2	2	0	3	0
-2	2	2	1	-3	0
-2	2	2	1	-2	0
-2	2	2	1	-1	0
-2	2	2	1	0	0
-2	2	2	1	1	0
-2	2	2	1	2	0
-2	2	2	1	3	0
-2	2	2	2	-3	0
-2	2	2	2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	2	2	-1	0
-2	2	2	2	0	0
-2	2	2	2	1	0
-2	2	2	2	2	0
-2	2	2	2	3	0
-2	2	2	3	-3	0
-2	2	2	3	-2	0
-2	2	2	3	-1	0
-2	2	2	3	0	0
-2	2	2	3	1	0
-2	2	2	3	2	0
-2	2	2	3	3	0
-2	2	3	-3	-3	0
-2	2	3	-3	-2	0
-2	2	3	-3	-1	0
-2	2	3	-3	0	0
-2	2	3	-3	1	0
-2	2	3	-3	2	0
-2	2	3	-3	3	0
-2	2	3	-2	-3	0
-2	2	3	-2	-2	0
-2	2	3	-2	-1	0
-2	2	3	-2	0	0
-2	2	3	-2	1	0
-2	2	3	-2	2	0
-2	2	3	-2	3	0
-2	2	3	-1	-3	0
-2	2	3	-1	-2	0
-2	2	3	-1	-1	0
-2	2	3	-1	0	0
-2	2	3	-1	1	0
-2	2	3	-1	2	0
-2	2	3	-1	3	0
-2	2	3	0	-3	0
-2	2	3	0	-2	0
-2	2	3	0	-1	0
-2	2	3	0	0	0
-2	2	3	0	1	0
-2	2	3	0	2	0
-2	2	3	0	3	0
-2	2	3	1	-3	0
-2	2	3	1	-2	0
-2	2	3	1	-1	0
-2	2	3	1	0	0
-2	2	3	1	1	0
-2	2	3	1	2	0
-2	2	3	1	3	0
-2	2	3	2	-3	0
-2	2	3	2	-2	0
-2	2	3	2	-1	0
-2	2	3	2	0	0
-2	2	3	2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	2	3	2	2	0
-2	2	3	2	3	0
-2	2	3	3	-3	0
-2	2	3	3	-2	0
-2	2	3	3	-1	0
-2	2	3	3	0	0
-2	2	3	3	1	0
-2	2	3	3	2	0
-2	2	3	3	3	0
-2	3	-3	-3	-3	0
-2	3	-3	-3	-2	0
-2	3	-3	-3	-1	0
-2	3	-3	-3	0	0
-2	3	-3	-3	1	0
-2	3	-3	-3	2	0
-2	3	-3	-3	3	0
-2	3	-3	-2	-3	0
-2	3	-3	-2	-2	0
-2	3	-3	-2	-1	0
-2	3	-3	-2	0	0
-2	3	-3	-2	1	0
-2	3	-3	-2	2	0
-2	3	-3	-2	3	0
-2	3	-3	-1	-3	0
-2	3	-3	-1	-2	0
-2	3	-3	-1	-1	0
-2	3	-3	-1	0	0
-2	3	-3	-1	1	0
-2	3	-3	-1	2	0
-2	3	-3	-1	3	0
-2	3	-3	0	-3	0
-2	3	-3	0	-2	0
-2	3	-3	0	-1	0
-2	3	-3	0	0	0
-2	3	-3	0	1	0
-2	3	-3	0	2	0
-2	3	-3	0	3	0
-2	3	-3	1	-3	0
-2	3	-3	1	-2	0
-2	3	-3	1	-1	0
-2	3	-3	1	0	0
-2	3	-3	1	1	0
-2	3	-3	1	2	0
-2	3	-3	1	3	0
-2	3	-3	2	-3	0
-2	3	-3	2	-2	0
-2	3	-3	2	-1	0
-2	3	-3	2	0	0
-2	3	-3	2	1	0
-2	3	-3	2	2	0
-2	3	-3	2	3	0
-2	3	-3	3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	3	-3	3	-2	0
-2	3	-3	3	-1	0
-2	3	-3	3	0	0
-2	3	-3	3	1	0
-2	3	-3	3	2	0
-2	3	-3	3	3	0
-2	3	-2	-3	-3	0
-2	3	-2	-3	-2	0
-2	3	-2	-3	-1	0
-2	3	-2	-3	0	0
-2	3	-2	-3	1	0
-2	3	-2	-3	2	0
-2	3	-2	-3	3	0
-2	3	-2	-2	-3	0
-2	3	-2	-2	-2	0
-2	3	-2	-2	-1	0
-2	3	-2	-2	0	0
-2	3	-2	-2	1	0
-2	3	-2	-2	2	0
-2	3	-2	-2	3	0
-2	3	-2	-1	-3	0
-2	3	-2	-1	-2	0
-2	3	-2	-1	-1	0
-2	3	-2	-1	0	0
-2	3	-2	-1	1	0
-2	3	-2	-1	2	0
-2	3	-2	-1	3	0
-2	3	-2	0	-3	0
-2	3	-2	0	-2	0
-2	3	-2	0	-1	0
-2	3	-2	0	0	0
-2	3	-2	0	1	0
-2	3	-2	0	2	0
-2	3	-2	0	3	0
-2	3	-2	1	-3	0
-2	3	-2	1	-2	0
-2	3	-2	1	-1	0
-2	3	-2	1	0	0
-2	3	-2	1	1	0
-2	3	-2	1	2	0
-2	3	-2	1	3	0
-2	3	-2	2	-3	0
-2	3	-2	2	-2	0
-2	3	-2	2	-1	0
-2	3	-2	2	0	0
-2	3	-2	2	1	0
-2	3	-2	2	2	0
-2	3	-2	2	3	0
-2	3	-2	3	-3	0
-2	3	-2	3	-2	0
-2	3	-2	3	-1	0
-2	3	-2	3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	3	-2	3	1	0
-2	3	-2	3	2	0
-2	3	-2	3	3	0
-2	3	-1	-3	-3	0
-2	3	-1	-3	-2	0
-2	3	-1	-3	-1	0
-2	3	-1	-3	0	0
-2	3	-1	-3	1	0
-2	3	-1	-3	2	0
-2	3	-1	-3	3	0
-2	3	-1	-2	-3	0
-2	3	-1	-2	-2	0
-2	3	-1	-2	-1	0
-2	3	-1	-2	0	0
-2	3	-1	-2	1	0
-2	3	-1	-2	2	0
-2	3	-1	-2	3	0
-2	3	-1	-1	-3	0
-2	3	-1	-1	-2	0
-2	3	-1	-1	-1	0
-2	3	-1	-1	0	0
-2	3	-1	-1	1	0
-2	3	-1	-1	2	0
-2	3	-1	-1	3	0
-2	3	-1	0	-3	0
-2	3	-1	0	-2	0
-2	3	-1	0	-1	0
-2	3	-1	0	0	0
-2	3	-1	0	1	0
-2	3	-1	0	2	0
-2	3	-1	0	3	0
-2	3	-1	1	-3	0
-2	3	-1	1	-2	0
-2	3	-1	1	-1	0
-2	3	-1	1	0	0
-2	3	-1	1	1	0
-2	3	-1	1	2	0
-2	3	-1	1	3	0
-2	3	-1	2	-3	0
-2	3	-1	2	-2	0
-2	3	-1	2	-1	0
-2	3	-1	2	0	0
-2	3	-1	2	1	0
-2	3	-1	2	2	0
-2	3	-1	2	3	0
-2	3	-1	3	-3	0
-2	3	-1	3	-2	0
-2	3	-1	3	-1	0
-2	3	-1	3	0	0
-2	3	-1	3	1	0
-2	3	-1	3	2	0
-2	3	-1	3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	3	0	-3	-3	0
-2	3	0	-3	-2	0
-2	3	0	-3	-1	0
-2	3	0	-3	0	0
-2	3	0	-3	1	0
-2	3	0	-3	2	0
-2	3	0	-3	3	0
-2	3	0	-2	-3	0
-2	3	0	-2	-2	0
-2	3	0	-2	-1	0
-2	3	0	-2	0	0
-2	3	0	-2	1	0
-2	3	0	-2	2	0
-2	3	0	-2	3	0
-2	3	0	-1	-3	0
-2	3	0	-1	-2	0
-2	3	0	-1	-1	0
-2	3	0	-1	0	0
-2	3	0	-1	1	0
-2	3	0	-1	2	0
-2	3	0	-1	3	0
-2	3	0	0	-3	0
-2	3	0	0	-2	0
-2	3	0	0	-1	0
-2	3	0	0	0	0
-2	3	0	0	1	0
-2	3	0	0	2	0
-2	3	0	0	3	0
-2	3	0	1	-3	0
-2	3	0	1	-2	0
-2	3	0	1	-1	0
-2	3	0	1	0	0
-2	3	0	1	1	0
-2	3	0	1	2	0
-2	3	0	1	3	0
-2	3	0	2	-3	0
-2	3	0	2	-2	0
-2	3	0	2	-1	0
-2	3	0	2	0	0
-2	3	0	2	1	0
-2	3	0	2	2	0
-2	3	0	2	3	0
-2	3	0	3	-3	0
-2	3	0	3	-2	0
-2	3	0	3	-1	0
-2	3	0	3	0	0
-2	3	0	3	1	0
-2	3	0	3	2	0
-2	3	0	3	3	0
-2	3	1	-3	-3	0
-2	3	1	-3	-2	0
-2	3	1	-3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	3	1	-3	0	0
-2	3	1	-3	1	0
-2	3	1	-3	2	0
-2	3	1	-3	3	0
-2	3	1	-2	-3	0
-2	3	1	-2	-2	0
-2	3	1	-2	-1	0
-2	3	1	-2	0	0
-2	3	1	-2	1	0
-2	3	1	-2	2	0
-2	3	1	-2	3	0
-2	3	1	-1	-3	0
-2	3	1	-1	-2	0
-2	3	1	-1	-1	0
-2	3	1	-1	0	0
-2	3	1	-1	1	0
-2	3	1	-1	2	0
-2	3	1	-1	3	0
-2	3	1	0	-3	0
-2	3	1	0	-2	0
-2	3	1	0	-1	0
-2	3	1	0	0	0
-2	3	1	0	1	0
-2	3	1	0	2	0
-2	3	1	0	3	0
-2	3	1	1	-3	0
-2	3	1	1	-2	0
-2	3	1	1	-1	0
-2	3	1	1	0	0
-2	3	1	1	1	0
-2	3	1	1	2	0
-2	3	1	1	3	0
-2	3	1	2	-3	0
-2	3	1	2	-2	0
-2	3	1	2	-1	0
-2	3	1	2	0	0
-2	3	1	2	1	0
-2	3	1	2	2	0
-2	3	1	2	3	0
-2	3	1	3	-3	0
-2	3	1	3	-2	0
-2	3	1	3	-1	0
-2	3	1	3	0	0
-2	3	1	3	1	0
-2	3	1	3	2	0
-2	3	1	3	3	0
-2	3	2	-3	-3	0
-2	3	2	-3	-2	0
-2	3	2	-3	-1	0
-2	3	2	-3	0	0
-2	3	2	-3	1	0
-2	3	2	-3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	3	2	-3	3	0
-2	3	2	-2	-3	0
-2	3	2	-2	-2	0
-2	3	2	-2	-1	0
-2	3	2	-2	0	0
-2	3	2	-2	1	0
-2	3	2	-2	2	0
-2	3	2	-2	3	0
-2	3	2	-1	-3	0
-2	3	2	-1	-2	0
-2	3	2	-1	-1	0
-2	3	2	-1	0	0
-2	3	2	-1	1	0
-2	3	2	-1	2	0
-2	3	2	-1	3	0
-2	3	2	0	-3	0
-2	3	2	0	-2	0
-2	3	2	0	-1	0
-2	3	2	0	0	0
-2	3	2	0	1	0
-2	3	2	0	2	0
-2	3	2	0	3	0
-2	3	2	1	-3	0
-2	3	2	1	-2	0
-2	3	2	1	-1	0
-2	3	2	1	0	0
-2	3	2	1	1	0
-2	3	2	1	2	0
-2	3	2	1	3	0
-2	3	2	2	-3	0
-2	3	2	2	-2	0
-2	3	2	2	-1	0
-2	3	2	2	0	0
-2	3	2	2	1	0
-2	3	2	2	2	0
-2	3	2	2	3	0
-2	3	2	3	-3	0
-2	3	2	3	-2	0
-2	3	2	3	-1	0
-2	3	2	3	0	0
-2	3	2	3	1	0
-2	3	2	3	2	0
-2	3	2	3	3	0
-2	3	3	-3	-3	0
-2	3	3	-3	-2	0
-2	3	3	-3	-1	0
-2	3	3	-3	0	0
-2	3	3	-3	1	0
-2	3	3	-3	2	0
-2	3	3	-3	3	0
-2	3	3	-2	-3	0
-2	3	3	-2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-2	3	3	-2	-1	0
-2	3	3	-2	0	0
-2	3	3	-2	1	0
-2	3	3	-2	2	0
-2	3	3	-2	3	0
-2	3	3	-1	-3	0
-2	3	3	-1	-2	0
-2	3	3	-1	-1	0
-2	3	3	-1	0	0
-2	3	3	-1	1	0
-2	3	3	-1	2	0
-2	3	3	-1	3	0
-2	3	3	0	-3	0
-2	3	3	0	-2	0
-2	3	3	0	-1	0
-2	3	3	0	0	0
-2	3	3	0	1	0
-2	3	3	0	2	0
-2	3	3	0	3	0
-2	3	3	1	-3	0
-2	3	3	1	-2	0
-2	3	3	1	-1	0
-2	3	3	1	0	0
-2	3	3	1	1	0
-2	3	3	1	2	0
-2	3	3	1	3	0
-2	3	3	2	-3	0
-2	3	3	2	-2	0
-2	3	3	2	-1	0
-2	3	3	2	0	0
-2	3	3	2	1	0
-2	3	3	2	2	0
-2	3	3	2	3	0
-2	3	3	3	-3	0
-2	3	3	3	-2	0
-2	3	3	3	-1	0
-2	3	3	3	0	0
-2	3	3	3	1	0
-2	3	3	3	2	0
-2	3	3	3	3	0
-1	-3	-3	-3	-3	0
-1	-3	-3	-3	-2	0
-1	-3	-3	-3	-1	0
-1	-3	-3	-3	0	0
-1	-3	-3	-3	1	0
-1	-3	-3	-3	2	0
-1	-3	-3	-3	3	0
-1	-3	-3	-2	-3	0
-1	-3	-3	-2	-2	0
-1	-3	-3	-2	-1	0
-1	-3	-3	-2	0	0
-1	-3	-3	-2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	-3	-2	2	0
-1	-3	-3	-2	3	0
-1	-3	-3	-1	-3	0
-1	-3	-3	-1	-2	0
-1	-3	-3	-1	-1	0
-1	-3	-3	-1	0	0
-1	-3	-3	-1	1	0
-1	-3	-3	-1	2	0
-1	-3	-3	-1	3	0
-1	-3	-3	0	-3	0
-1	-3	-3	0	-2	0
-1	-3	-3	0	-1	0
-1	-3	-3	0	0	0
-1	-3	-3	0	1	0
-1	-3	-3	0	2	0
-1	-3	-3	0	3	0
-1	-3	-3	1	-3	0
-1	-3	-3	1	-2	0
-1	-3	-3	1	-1	0
-1	-3	-3	1	0	0
-1	-3	-3	1	1	0
-1	-3	-3	1	2	0
-1	-3	-3	1	3	0
-1	-3	-3	2	-3	0
-1	-3	-3	2	-2	0
-1	-3	-3	2	-1	0
-1	-3	-3	2	0	0
-1	-3	-3	2	1	0
-1	-3	-3	2	2	0
-1	-3	-3	2	3	0
-1	-3	-3	3	-3	0
-1	-3	-3	3	-2	0
-1	-3	-3	3	-1	0
-1	-3	-3	3	0	0
-1	-3	-3	3	1	0
-1	-3	-3	3	2	0
-1	-3	-3	3	3	0
-1	-3	-2	-3	-3	0
-1	-3	-2	-3	-2	0
-1	-3	-2	-3	-1	0
-1	-3	-2	-3	0	0
-1	-3	-2	-3	1	0
-1	-3	-2	-3	2	0
-1	-3	-2	-3	3	0
-1	-3	-2	-2	-3	0
-1	-3	-2	-2	-2	0
-1	-3	-2	-2	-1	0
-1	-3	-2	-2	0	0
-1	-3	-2	-2	1	0
-1	-3	-2	-2	2	0
-1	-3	-2	-2	3	0
-1	-3	-2	-1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	-2	-1	-2	0
-1	-3	-2	-1	-1	0
-1	-3	-2	-1	0	0
-1	-3	-2	-1	1	0
-1	-3	-2	-1	2	0
-1	-3	-2	-1	3	0
-1	-3	-2	0	-3	0
-1	-3	-2	0	-2	0
-1	-3	-2	0	-1	0
-1	-3	-2	0	0	0
-1	-3	-2	0	1	0
-1	-3	-2	0	2	0
-1	-3	-2	0	3	0
-1	-3	-2	1	-3	0
-1	-3	-2	1	-2	0
-1	-3	-2	1	-1	0
-1	-3	-2	1	0	0
-1	-3	-2	1	1	0
-1	-3	-2	1	2	0
-1	-3	-2	1	3	0
-1	-3	-2	2	-3	0
-1	-3	-2	2	-2	0
-1	-3	-2	2	-1	0
-1	-3	-2	2	0	0
-1	-3	-2	2	1	0
-1	-3	-2	2	2	0
-1	-3	-2	2	3	0
-1	-3	-2	3	-3	0
-1	-3	-2	3	-2	0
-1	-3	-2	3	-1	0
-1	-3	-2	3	0	0
-1	-3	-2	3	1	0
-1	-3	-2	3	2	0
-1	-3	-2	3	3	0
-1	-3	-1	-3	-3	0
-1	-3	-1	-3	-2	0
-1	-3	-1	-3	-1	0
-1	-3	-1	-3	0	0
-1	-3	-1	-3	1	0
-1	-3	-1	-3	2	0
-1	-3	-1	-3	3	0
-1	-3	-1	-2	-3	0
-1	-3	-1	-2	-2	0
-1	-3	-1	-2	-1	0
-1	-3	-1	-2	0	0
-1	-3	-1	-2	1	0
-1	-3	-1	-2	2	0
-1	-3	-1	-2	3	0
-1	-3	-1	-1	-3	0
-1	-3	-1	-1	-2	0
-1	-3	-1	-1	-1	0
-1	-3	-1	-1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	-1	-1	1	0
-1	-3	-1	-1	2	0
-1	-3	-1	-1	3	0
-1	-3	-1	0	-3	0
-1	-3	-1	0	-2	0
-1	-3	-1	0	-1	0
-1	-3	-1	0	0	0
-1	-3	-1	0	1	0
-1	-3	-1	0	2	0
-1	-3	-1	0	3	0
-1	-3	-1	1	-3	0
-1	-3	-1	1	-2	0
-1	-3	-1	1	-1	0
-1	-3	-1	1	0	0
-1	-3	-1	1	1	0
-1	-3	-1	1	2	0
-1	-3	-1	1	3	0
-1	-3	-1	2	-3	0
-1	-3	-1	2	-2	0
-1	-3	-1	2	-1	0
-1	-3	-1	2	0	0
-1	-3	-1	2	1	0
-1	-3	-1	2	2	0
-1	-3	-1	2	3	0
-1	-3	-1	3	-3	0
-1	-3	-1	3	-2	0
-1	-3	-1	3	-1	0
-1	-3	-1	3	0	0
-1	-3	-1	3	1	0
-1	-3	-1	3	2	0
-1	-3	-1	3	3	0
-1	-3	0	-3	-3	0
-1	-3	0	-3	-2	0
-1	-3	0	-3	-1	0
-1	-3	0	-3	0	0
-1	-3	0	-3	1	0
-1	-3	0	-3	2	0
-1	-3	0	-3	3	0
-1	-3	0	-2	-3	0
-1	-3	0	-2	-2	0
-1	-3	0	-2	-1	0
-1	-3	0	-2	0	0
-1	-3	0	-2	1	0
-1	-3	0	-2	2	0
-1	-3	0	-2	3	0
-1	-3	0	-1	-3	0
-1	-3	0	-1	-2	0
-1	-3	0	-1	-1	0
-1	-3	0	-1	0	0
-1	-3	0	-1	1	0
-1	-3	0	-1	2	0
-1	-3	0	-1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	0	0	-3	0
-1	-3	0	0	-2	0
-1	-3	0	0	-1	0
-1	-3	0	0	0	0
-1	-3	0	0	1	0
-1	-3	0	0	2	0
-1	-3	0	0	3	0
-1	-3	0	1	-3	0
-1	-3	0	1	-2	0
-1	-3	0	1	-1	0
-1	-3	0	1	0	0
-1	-3	0	1	1	0
-1	-3	0	1	2	0
-1	-3	0	1	3	0
-1	-3	0	2	-3	0
-1	-3	0	2	-2	0
-1	-3	0	2	-1	0
-1	-3	0	2	0	0
-1	-3	0	2	1	0
-1	-3	0	2	2	0
-1	-3	0	2	3	0
-1	-3	0	3	-3	0
-1	-3	0	3	-2	0
-1	-3	0	3	-1	0
-1	-3	0	3	0	0
-1	-3	0	3	1	0
-1	-3	0	3	2	0
-1	-3	0	3	3	0
-1	-3	1	-3	-3	0
-1	-3	1	-3	-2	0
-1	-3	1	-3	-1	0
-1	-3	1	-3	0	0
-1	-3	1	-3	1	0
-1	-3	1	-3	2	0
-1	-3	1	-3	3	0
-1	-3	1	-2	-3	0
-1	-3	1	-2	-2	0
-1	-3	1	-2	-1	0
-1	-3	1	-2	0	0
-1	-3	1	-2	1	0
-1	-3	1	-2	2	0
-1	-3	1	-2	3	0
-1	-3	1	-1	-3	0
-1	-3	1	-1	-2	0
-1	-3	1	-1	-1	0
-1	-3	1	-1	0	0
-1	-3	1	-1	1	0
-1	-3	1	-1	2	0
-1	-3	1	-1	3	0
-1	-3	1	0	-3	0
-1	-3	1	0	-2	0
-1	-3	1	0	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	1	0	0	0
-1	-3	1	0	1	0
-1	-3	1	0	2	0
-1	-3	1	0	3	0
-1	-3	1	1	-3	0
-1	-3	1	1	-2	0
-1	-3	1	1	-1	0
-1	-3	1	1	0	0
-1	-3	1	1	1	0
-1	-3	1	1	2	0
-1	-3	1	1	3	0
-1	-3	1	2	-3	0
-1	-3	1	2	-2	0
-1	-3	1	2	-1	0
-1	-3	1	2	0	0
-1	-3	1	2	1	0
-1	-3	1	2	2	0
-1	-3	1	2	3	0
-1	-3	1	3	-3	0
-1	-3	1	3	-2	0
-1	-3	1	3	-1	0
-1	-3	1	3	0	0
-1	-3	1	3	1	0
-1	-3	1	3	2	0
-1	-3	1	3	3	0
-1	-3	2	-3	-3	0
-1	-3	2	-3	-2	0
-1	-3	2	-3	-1	0
-1	-3	2	-3	0	0
-1	-3	2	-3	1	0
-1	-3	2	-3	2	0
-1	-3	2	-3	3	0
-1	-3	2	-2	-3	0
-1	-3	2	-2	-2	0
-1	-3	2	-2	-1	0
-1	-3	2	-2	0	0
-1	-3	2	-2	1	0
-1	-3	2	-2	2	0
-1	-3	2	-2	3	0
-1	-3	2	-1	-3	0
-1	-3	2	-1	-2	0
-1	-3	2	-1	-1	0
-1	-3	2	-1	0	0
-1	-3	2	-1	1	0
-1	-3	2	-1	2	0
-1	-3	2	-1	3	0
-1	-3	2	0	-3	0
-1	-3	2	0	-2	0
-1	-3	2	0	-1	0
-1	-3	2	0	0	0
-1	-3	2	0	1	0
-1	-3	2	0	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	2	0	3	0
-1	-3	2	1	-3	0
-1	-3	2	1	-2	0
-1	-3	2	1	-1	0
-1	-3	2	1	0	0
-1	-3	2	1	1	0
-1	-3	2	1	2	0
-1	-3	2	1	3	0
-1	-3	2	2	-3	0
-1	-3	2	2	-2	0
-1	-3	2	2	-1	0
-1	-3	2	2	0	0
-1	-3	2	2	1	0
-1	-3	2	2	2	0
-1	-3	2	2	3	0
-1	-3	2	3	-3	0
-1	-3	2	3	-2	0
-1	-3	2	3	-1	0
-1	-3	2	3	0	0
-1	-3	2	3	1	0
-1	-3	2	3	2	0
-1	-3	2	3	3	0
-1	-3	3	-3	-3	0
-1	-3	3	-3	-2	0
-1	-3	3	-3	-1	0
-1	-3	3	-3	0	0
-1	-3	3	-3	1	0
-1	-3	3	-3	2	0
-1	-3	3	-3	3	0
-1	-3	3	-2	-3	0
-1	-3	3	-2	-2	0
-1	-3	3	-2	-1	0
-1	-3	3	-2	0	0
-1	-3	3	-2	1	0
-1	-3	3	-2	2	0
-1	-3	3	-2	3	0
-1	-3	3	-1	-3	0
-1	-3	3	-1	-2	0
-1	-3	3	-1	-1	0
-1	-3	3	-1	0	0
-1	-3	3	-1	1	0
-1	-3	3	-1	2	0
-1	-3	3	-1	3	0
-1	-3	3	0	-3	0
-1	-3	3	0	-2	0
-1	-3	3	0	-1	0
-1	-3	3	0	0	0
-1	-3	3	0	1	0
-1	-3	3	0	2	0
-1	-3	3	0	3	0
-1	-3	3	1	-3	0
-1	-3	3	1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-3	3	1	-1	0
-1	-3	3	1	0	0
-1	-3	3	1	1	0
-1	-3	3	1	2	0
-1	-3	3	1	3	0
-1	-3	3	2	-3	0
-1	-3	3	2	-2	0
-1	-3	3	2	-1	0
-1	-3	3	2	0	0
-1	-3	3	2	1	0
-1	-3	3	2	2	0
-1	-3	3	2	3	0
-1	-3	3	3	-3	0
-1	-3	3	3	-2	0
-1	-3	3	3	-1	0
-1	-3	3	3	0	0
-1	-3	3	3	1	0
-1	-3	3	3	2	0
-1	-3	3	3	3	0
-1	-2	-3	-3	-3	0
-1	-2	-3	-3	-2	0
-1	-2	-3	-3	-1	0
-1	-2	-3	-3	0	0
-1	-2	-3	-3	1	0
-1	-2	-3	-3	2	0
-1	-2	-3	-3	3	0
-1	-2	-3	-2	-3	0
-1	-2	-3	-2	-2	0
-1	-2	-3	-2	-1	0
-1	-2	-3	-2	0	0
-1	-2	-3	-2	1	0
-1	-2	-3	-2	2	0
-1	-2	-3	-2	3	0
-1	-2	-3	-1	-3	0
-1	-2	-3	-1	-2	0
-1	-2	-3	-1	-1	0
-1	-2	-3	-1	0	0
-1	-2	-3	-1	1	0
-1	-2	-3	-1	2	0
-1	-2	-3	-1	3	0
-1	-2	-3	0	-3	0
-1	-2	-3	0	-2	0
-1	-2	-3	0	-1	0
-1	-2	-3	0	0	0
-1	-2	-3	0	1	0
-1	-2	-3	0	2	0
-1	-2	-3	0	3	0
-1	-2	-3	1	-3	0
-1	-2	-3	1	-2	0
-1	-2	-3	1	-1	0
-1	-2	-3	1	0	0
-1	-2	-3	1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-2	-3	1	2	0
-1	-2	-3	1	3	0
-1	-2	-3	2	-3	0
-1	-2	-3	2	-2	0
-1	-2	-3	2	-1	0
-1	-2	-3	2	0	0
-1	-2	-3	2	1	0
-1	-2	-3	2	2	0
-1	-2	-3	2	3	0
-1	-2	-3	3	-3	0
-1	-2	-3	3	-2	0
-1	-2	-3	3	-1	0
-1	-2	-3	3	0	0
-1	-2	-3	3	1	0
-1	-2	-3	3	2	0
-1	-2	-3	3	3	0
-1	-2	-2	-3	-3	0
-1	-2	-2	-3	-2	0
-1	-2	-2	-3	-1	0
-1	-2	-2	-3	0	0
-1	-2	-2	-3	1	0
-1	-2	-2	-3	2	0
-1	-2	-2	-3	3	0
-1	-2	-2	-2	-3	0
-1	-2	-2	-2	-2	0
-1	-2	-2	-2	-1	0
-1	-2	-2	-2	0	0
-1	-2	-2	-2	1	0
-1	-2	-2	-2	2	0
-1	-2	-2	-2	3	0
-1	-2	-2	-1	-3	0
-1	-2	-2	-1	-2	0
-1	-2	-2	-1	-1	0
-1	-2	-2	-1	0	0
-1	-2	-2	-1	1	0
-1	-2	-2	-1	2	0
-1	-2	-2	-1	3	0
-1	-2	-2	0	-3	0
-1	-2	-2	0	-2	0
-1	-2	-2	0	-1	0
-1	-2	-2	0	0	0
-1	-2	-2	0	1	0
-1	-2	-2	0	2	0
-1	-2	-2	0	3	0
-1	-2	-2	1	-3	0
-1	-2	-2	1	-2	0
-1	-2	-2	1	-1	0
-1	-2	-2	1	0	0
-1	-2	-2	1	1	0
-1	-2	-2	1	2	0
-1	-2	-2	1	3	0
-1	-2	-2	2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-2	-2	2	-2	0
-1	-2	-2	2	-1	0
-1	-2	-2	2	0	0
-1	-2	-2	2	1	0
-1	-2	-2	2	2	0
-1	-2	-2	2	3	0
-1	-2	-2	3	-3	0
-1	-2	-2	3	-2	0
-1	-2	-2	3	-1	0
-1	-2	-2	3	0	0
-1	-2	-2	3	1	0
-1	-2	-2	3	2	0
-1	-2	-2	3	3	0
-1	-2	-1	-3	-3	0
-1	-2	-1	-3	-2	0
-1	-2	-1	-3	-1	0
-1	-2	-1	-3	0	0
-1	-2	-1	-3	1	0
-1	-2	-1	-3	2	0
-1	-2	-1	-3	3	0
-1	-2	-1	-2	-3	0
-1	-2	-1	-2	-2	0
-1	-2	-1	-2	-1	0
-1	-2	-1	-2	0	0
-1	-2	-1	-2	1	0
-1	-2	-1	-2	2	0
-1	-2	-1	-2	3	0
-1	-2	-1	-1	-3	0
-1	-2	-1	-1	-2	0
-1	-2	-1	-1	-1	0
-1	-2	-1	-1	0	0
-1	-2	-1	-1	1	0
-1	-2	-1	-1	2	0
-1	-2	-1	-1	3	0
-1	-2	-1	0	-3	0
-1	-2	-1	0	-2	0
-1	-2	-1	0	-1	0
-1	-2	-1	0	0	0
-1	-2	-1	0	1	0
-1	-2	-1	0	2	0
-1	-2	-1	0	3	0
-1	-2	-1	1	-3	0
-1	-2	-1	1	-2	0
-1	-2	-1	1	-1	0
-1	-2	-1	1	0	0
-1	-2	-1	1	1	0
-1	-2	-1	1	2	0
-1	-2	-1	1	3	0
-1	-2	-1	2	-3	0
-1	-2	-1	2	-2	0
-1	-2	-1	2	-1	0
-1	-2	-1	2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-2	-1	2	1	0
-1	-2	-1	2	2	0
-1	-2	-1	2	3	0
-1	-2	-1	3	-3	0
-1	-2	-1	3	-2	0
-1	-2	-1	3	-1	0
-1	-2	-1	3	0	0
-1	-2	-1	3	1	0
-1	-2	-1	3	2	0
-1	-2	-1	3	3	0
-1	-2	0	-3	-3	0
-1	-2	0	-3	-2	0
-1	-2	0	-3	-1	0
-1	-2	0	-3	0	0
-1	-2	0	-3	1	0
-1	-2	0	-3	2	0
-1	-2	0	-3	3	0
-1	-2	0	-2	-3	0
-1	-2	0	-2	-2	0
-1	-2	0	-2	-1	0
-1	-2	0	-2	0	0
-1	-2	0	-2	1	0
-1	-2	0	-2	2	0
-1	-2	0	-2	3	0
-1	-2	0	-1	-3	0
-1	-2	0	-1	-2	0
-1	-2	0	-1	-1	0
-1	-2	0	-1	0	0
-1	-2	0	-1	1	0
-1	-2	0	-1	2	0
-1	-2	0	-1	3	0
-1	-2	0	0	-3	0
-1	-2	0	0	-2	0
-1	-2	0	0	-1	0
-1	-2	0	0	0	0
-1	-2	0	0	1	0
-1	-2	0	0	2	0
-1	-2	0	0	3	0
-1	-2	0	1	-3	0
-1	-2	0	1	-2	0
-1	-2	0	1	-1	0
-1	-2	0	1	0	0
-1	-2	0	1	1	0
-1	-2	0	1	2	0
-1	-2	0	1	3	0
-1	-2	0	2	-3	0
-1	-2	0	2	-2	0
-1	-2	0	2	-1	0
-1	-2	0	2	0	0
-1	-2	0	2	1	0
-1	-2	0	2	2	0
-1	-2	0	2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-2	0	3	-3	0
-1	-2	0	3	-2	0
-1	-2	0	3	-1	0
-1	-2	0	3	0	0
-1	-2	0	3	1	0
-1	-2	0	3	2	0
-1	-2	0	3	3	0
-1	-2	1	-3	-3	0
-1	-2	1	-3	-2	0
-1	-2	1	-3	-1	0
-1	-2	1	-3	0	0
-1	-2	1	-3	1	0
-1	-2	1	-3	2	0
-1	-2	1	-3	3	0
-1	-2	1	-2	-3	0
-1	-2	1	-2	-2	0
-1	-2	1	-2	-1	0
-1	-2	1	-2	0	0
-1	-2	1	-2	1	0
-1	-2	1	-2	2	0
-1	-2	1	-2	3	0
-1	-2	1	-1	-3	0
-1	-2	1	-1	-2	0
-1	-2	1	-1	-1	0
-1	-2	1	-1	0	0
-1	-2	1	-1	1	0
-1	-2	1	-1	2	0
-1	-2	1	-1	3	0
-1	-2	1	0	-3	0
-1	-2	1	0	-2	0
-1	-2	1	0	-1	0
-1	-2	1	0	0	0
-1	-2	1	0	1	0
-1	-2	1	0	2	0
-1	-2	1	0	3	0
-1	-2	1	1	-3	0
-1	-2	1	1	-2	0
-1	-2	1	1	-1	0
-1	-2	1	1	0	0
-1	-2	1	1	1	0
-1	-2	1	1	2	0
-1	-2	1	1	3	0
-1	-2	1	2	-3	0
-1	-2	1	2	-2	0
-1	-2	1	2	-1	0
-1	-2	1	2	0	0
-1	-2	1	2	1	0
-1	-2	1	2	2	0
-1	-2	1	2	3	0
-1	-2	1	3	-3	0
-1	-2	1	3	-2	0
-1	-2	1	3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-2	1	3	0	0
-1	-2	1	3	1	0
-1	-2	1	3	2	0
-1	-2	1	3	3	0
-1	-2	2	-3	-3	0
-1	-2	2	-3	-2	0
-1	-2	2	-3	-1	0
-1	-2	2	-3	0	0
-1	-2	2	-3	1	0
-1	-2	2	-3	2	0
-1	-2	2	-3	3	0
-1	-2	2	-2	-3	0
-1	-2	2	-2	-2	0
-1	-2	2	-2	-1	0
-1	-2	2	-2	0	0
-1	-2	2	-2	1	0
-1	-2	2	-2	2	0
-1	-2	2	-2	3	0
-1	-2	2	-1	-3	0
-1	-2	2	-1	-2	0
-1	-2	2	-1	-1	0
-1	-2	2	-1	0	0
-1	-2	2	-1	1	0
-1	-2	2	-1	2	0
-1	-2	2	-1	3	0
-1	-2	2	0	-3	0
-1	-2	2	0	-2	0
-1	-2	2	0	-1	0
-1	-2	2	0	0	0
-1	-2	2	0	1	0
-1	-2	2	0	2	0
-1	-2	2	0	3	0
-1	-2	2	1	-3	0
-1	-2	2	1	-2	0
-1	-2	2	1	-1	0
-1	-2	2	1	0	0
-1	-2	2	1	1	0
-1	-2	2	1	2	0
-1	-2	2	1	3	0
-1	-2	2	2	-3	0
-1	-2	2	2	-2	0
-1	-2	2	2	-1	0
-1	-2	2	2	0	0
-1	-2	2	2	1	0
-1	-2	2	2	2	0
-1	-2	2	2	3	0
-1	-2	2	3	-3	0
-1	-2	2	3	-2	0
-1	-2	2	3	-1	0
-1	-2	2	3	0	0
-1	-2	2	3	1	0
-1	-2	2	3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-2	2	3	3	0
-1	-2	3	-3	-3	0
-1	-2	3	-3	-2	0
-1	-2	3	-3	-1	0
-1	-2	3	-3	0	0
-1	-2	3	-3	1	0
-1	-2	3	-3	2	0
-1	-2	3	-3	3	0
-1	-2	3	-2	-3	0
-1	-2	3	-2	-2	0
-1	-2	3	-2	-1	0
-1	-2	3	-2	0	0
-1	-2	3	-2	1	0
-1	-2	3	-2	2	0
-1	-2	3	-2	3	0
-1	-2	3	-1	-3	0
-1	-2	3	-1	-2	0
-1	-2	3	-1	-1	0
-1	-2	3	-1	0	0
-1	-2	3	-1	1	0
-1	-2	3	-1	2	0
-1	-2	3	-1	3	0
-1	-2	3	0	-3	0
-1	-2	3	0	-2	0
-1	-2	3	0	-1	0
-1	-2	3	0	0	0
-1	-2	3	0	1	0
-1	-2	3	0	2	0
-1	-2	3	0	3	0
-1	-2	3	1	-3	0
-1	-2	3	1	-2	0
-1	-2	3	1	-1	0
-1	-2	3	1	0	0
-1	-2	3	1	1	0
-1	-2	3	1	2	0
-1	-2	3	1	3	0
-1	-2	3	2	-3	0
-1	-2	3	2	-2	0
-1	-2	3	2	-1	0
-1	-2	3	2	0	0
-1	-2	3	2	1	0
-1	-2	3	2	2	0
-1	-2	3	2	3	0
-1	-2	3	3	-3	0
-1	-2	3	3	-2	0
-1	-2	3	3	-1	0
-1	-2	3	3	0	0
-1	-2	3	3	1	0
-1	-2	3	3	2	0
-1	-2	3	3	3	0
-1	-1	-3	-3	-3	0
-1	-1	-3	-3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	-3	-3	-1	0
-1	-1	-3	-3	0	0
-1	-1	-3	-3	1	0
-1	-1	-3	-3	2	0
-1	-1	-3	-3	3	0
-1	-1	-3	-2	-3	0
-1	-1	-3	-2	-2	0
-1	-1	-3	-2	-1	0
-1	-1	-3	-2	0	0
-1	-1	-3	-2	1	0
-1	-1	-3	-2	2	0
-1	-1	-3	-2	3	0
-1	-1	-3	-1	-3	0
-1	-1	-3	-1	-2	0
-1	-1	-3	-1	-1	0
-1	-1	-3	-1	0	0
-1	-1	-3	-1	1	0
-1	-1	-3	-1	2	0
-1	-1	-3	-1	3	0
-1	-1	-3	0	-3	0
-1	-1	-3	0	-2	0
-1	-1	-3	0	-1	0
-1	-1	-3	0	0	0
-1	-1	-3	0	1	0
-1	-1	-3	0	2	0
-1	-1	-3	0	3	0
-1	-1	-3	1	-3	0
-1	-1	-3	1	-2	0
-1	-1	-3	1	-1	0
-1	-1	-3	1	0	0
-1	-1	-3	1	1	0
-1	-1	-3	1	2	0
-1	-1	-3	1	3	0
-1	-1	-3	2	-3	0
-1	-1	-3	2	-2	0
-1	-1	-3	2	-1	0
-1	-1	-3	2	0	0
-1	-1	-3	2	1	0
-1	-1	-3	2	2	0
-1	-1	-3	2	3	0
-1	-1	-3	3	-3	0
-1	-1	-3	3	-2	0
-1	-1	-3	3	-1	0
-1	-1	-3	3	0	0
-1	-1	-3	3	1	0
-1	-1	-3	3	2	0
-1	-1	-3	3	3	0
-1	-1	-2	-3	-3	0
-1	-1	-2	-3	-2	0
-1	-1	-2	-3	-1	0
-1	-1	-2	-3	0	0
-1	-1	-2	-3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	-2	-3	2	0
-1	-1	-2	-3	3	0
-1	-1	-2	-2	-3	0
-1	-1	-2	-2	-2	0
-1	-1	-2	-2	-1	0
-1	-1	-2	-2	0	0
-1	-1	-2	-2	1	0
-1	-1	-2	-2	2	0
-1	-1	-2	-2	3	0
-1	-1	-2	-1	-3	0
-1	-1	-2	-1	-2	0
-1	-1	-2	-1	-1	0
-1	-1	-2	-1	0	0
-1	-1	-2	-1	1	0
-1	-1	-2	-1	2	0
-1	-1	-2	-1	3	0
-1	-1	-2	0	-3	0
-1	-1	-2	0	-2	0
-1	-1	-2	0	-1	0
-1	-1	-2	0	0	0
-1	-1	-2	0	1	0
-1	-1	-2	0	2	0
-1	-1	-2	0	3	0
-1	-1	-2	1	-3	0
-1	-1	-2	1	-2	0
-1	-1	-2	1	-1	0
-1	-1	-2	1	0	0
-1	-1	-2	1	1	0
-1	-1	-2	1	2	0
-1	-1	-2	1	3	0
-1	-1	-2	2	-3	0
-1	-1	-2	2	-2	0
-1	-1	-2	2	-1	0
-1	-1	-2	2	0	0
-1	-1	-2	2	1	0
-1	-1	-2	2	2	0
-1	-1	-2	2	3	0
-1	-1	-2	3	-3	0
-1	-1	-2	3	-2	0
-1	-1	-2	3	-1	0
-1	-1	-2	3	0	0
-1	-1	-2	3	1	0
-1	-1	-2	3	2	0
-1	-1	-2	3	3	0
-1	-1	-1	-3	-3	0
-1	-1	-1	-3	-2	0
-1	-1	-1	-3	-1	0
-1	-1	-1	-3	0	0
-1	-1	-1	-3	1	0
-1	-1	-1	-3	2	0
-1	-1	-1	-3	3	0
-1	-1	-1	-2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	-1	-2	-2	0
-1	-1	-1	-2	-1	0
-1	-1	-1	-2	0	0
-1	-1	-1	-2	1	0
-1	-1	-1	-2	2	0
-1	-1	-1	-2	3	0
-1	-1	-1	-1	-3	0
-1	-1	-1	-1	-2	0
-1	-1	-1	-1	-1	0
-1	-1	-1	-1	0	0
-1	-1	-1	-1	1	0
-1	-1	-1	-1	2	0
-1	-1	-1	-1	3	0
-1	-1	-1	0	-3	0
-1	-1	-1	0	-2	0
-1	-1	-1	0	-1	0
-1	-1	-1	0	0	0
-1	-1	-1	0	1	0
-1	-1	-1	0	2	0
-1	-1	-1	0	3	0
-1	-1	-1	1	-3	0
-1	-1	-1	1	-2	0
-1	-1	-1	1	-1	0
-1	-1	-1	1	0	0
-1	-1	-1	1	1	0
-1	-1	-1	1	2	0
-1	-1	-1	1	3	0
-1	-1	-1	2	-3	0
-1	-1	-1	2	-2	0
-1	-1	-1	2	-1	0
-1	-1	-1	2	0	0
-1	-1	-1	2	1	0
-1	-1	-1	2	2	0
-1	-1	-1	2	3	0
-1	-1	-1	3	-3	0
-1	-1	-1	3	-2	0
-1	-1	-1	3	-1	0
-1	-1	-1	3	0	0
-1	-1	-1	3	1	0
-1	-1	-1	3	2	0
-1	-1	-1	3	3	0
-1	-1	0	-3	-3	0
-1	-1	0	-3	-2	0
-1	-1	0	-3	-1	0
-1	-1	0	-3	0	0
-1	-1	0	-3	1	0
-1	-1	0	-3	2	0
-1	-1	0	-3	3	0
-1	-1	0	-2	-3	0
-1	-1	0	-2	-2	0
-1	-1	0	-2	-1	0
-1	-1	0	-2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	0	-2	1	0
-1	-1	0	-2	2	0
-1	-1	0	-2	3	0
-1	-1	0	-1	-3	0
-1	-1	0	-1	-2	0
-1	-1	0	-1	-1	0
-1	-1	0	-1	0	0
-1	-1	0	-1	1	0
-1	-1	0	-1	2	0
-1	-1	0	-1	3	0
-1	-1	0	0	-3	0
-1	-1	0	0	-2	0
-1	-1	0	0	-1	0
-1	-1	0	0	0	0
-1	-1	0	0	1	0
-1	-1	0	0	2	0
-1	-1	0	0	3	0
-1	-1	0	1	-3	0
-1	-1	0	1	-2	0
-1	-1	0	1	-1	0
-1	-1	0	1	0	0
-1	-1	0	1	1	0
-1	-1	0	1	2	0
-1	-1	0	1	3	0
-1	-1	0	2	-3	0
-1	-1	0	2	-2	0
-1	-1	0	2	-1	0
-1	-1	0	2	0	0
-1	-1	0	2	1	0
-1	-1	0	2	2	0
-1	-1	0	2	3	0
-1	-1	0	3	-3	0
-1	-1	0	3	-2	0
-1	-1	0	3	-1	0
-1	-1	0	3	0	0
-1	-1	0	3	1	0
-1	-1	0	3	2	0
-1	-1	0	3	3	0
-1	-1	1	-3	-3	0
-1	-1	1	-3	-2	0
-1	-1	1	-3	-1	0
-1	-1	1	-3	0	0
-1	-1	1	-3	1	0
-1	-1	1	-3	2	0
-1	-1	1	-3	3	0
-1	-1	1	-2	-3	0
-1	-1	1	-2	-2	0
-1	-1	1	-2	-1	0
-1	-1	1	-2	0	0
-1	-1	1	-2	1	0
-1	-1	1	-2	2	0
-1	-1	1	-2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	1	-1	-3	0
-1	-1	1	-1	-2	0
-1	-1	1	-1	-1	0
-1	-1	1	-1	0	0
-1	-1	1	-1	1	0
-1	-1	1	-1	2	0
-1	-1	1	-1	3	0
-1	-1	1	0	-3	0
-1	-1	1	0	-2	0
-1	-1	1	0	-1	0
-1	-1	1	0	0	0
-1	-1	1	0	1	0
-1	-1	1	0	2	0
-1	-1	1	0	3	0
-1	-1	1	1	-3	0
-1	-1	1	1	-2	0
-1	-1	1	1	-1	0
-1	-1	1	1	0	0
-1	-1	1	1	1	0
-1	-1	1	1	2	0
-1	-1	1	1	3	0
-1	-1	1	2	-3	0
-1	-1	1	2	-2	0
-1	-1	1	2	-1	0
-1	-1	1	2	0	0
-1	-1	1	2	1	0
-1	-1	1	2	2	0
-1	-1	1	2	3	0
-1	-1	1	3	-3	0
-1	-1	1	3	-2	0
-1	-1	1	3	-1	0
-1	-1	1	3	0	0
-1	-1	1	3	1	0
-1	-1	1	3	2	0
-1	-1	1	3	3	0
-1	-1	2	-3	-3	0
-1	-1	2	-3	-2	0
-1	-1	2	-3	-1	0
-1	-1	2	-3	0	0
-1	-1	2	-3	1	0
-1	-1	2	-3	2	0
-1	-1	2	-3	3	0
-1	-1	2	-2	-3	0
-1	-1	2	-2	-2	0
-1	-1	2	-2	-1	0
-1	-1	2	-2	0	0
-1	-1	2	-2	1	0
-1	-1	2	-2	2	0
-1	-1	2	-2	3	0
-1	-1	2	-1	-3	0
-1	-1	2	-1	-2	0
-1	-1	2	-1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	2	-1	0	0
-1	-1	2	-1	1	0
-1	-1	2	-1	2	0
-1	-1	2	-1	3	0
-1	-1	2	0	-3	0
-1	-1	2	0	-2	0
-1	-1	2	0	-1	0
-1	-1	2	0	0	0
-1	-1	2	0	1	0
-1	-1	2	0	2	0
-1	-1	2	0	3	0
-1	-1	2	1	-3	0
-1	-1	2	1	-2	0
-1	-1	2	1	-1	0
-1	-1	2	1	0	0
-1	-1	2	1	1	0
-1	-1	2	1	2	0
-1	-1	2	1	3	0
-1	-1	2	2	-3	0
-1	-1	2	2	-2	0
-1	-1	2	2	-1	0
-1	-1	2	2	0	0
-1	-1	2	2	1	0
-1	-1	2	2	2	0
-1	-1	2	2	3	0
-1	-1	2	3	-3	0
-1	-1	2	3	-2	0
-1	-1	2	3	-1	0
-1	-1	2	3	0	0
-1	-1	2	3	1	0
-1	-1	2	3	2	0
-1	-1	2	3	3	0
-1	-1	3	-3	-3	0
-1	-1	3	-3	-2	0
-1	-1	3	-3	-1	0
-1	-1	3	-3	0	0
-1	-1	3	-3	1	0
-1	-1	3	-3	2	0
-1	-1	3	-3	3	0
-1	-1	3	-2	-3	0
-1	-1	3	-2	-2	0
-1	-1	3	-2	-1	0
-1	-1	3	-2	0	0
-1	-1	3	-2	1	0
-1	-1	3	-2	2	0
-1	-1	3	-2	3	0
-1	-1	3	-1	-3	0
-1	-1	3	-1	-2	0
-1	-1	3	-1	-1	0
-1	-1	3	-1	0	0
-1	-1	3	-1	1	0
-1	-1	3	-1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	-1	3	-1	3	0
-1	-1	3	0	-3	0
-1	-1	3	0	-2	0
-1	-1	3	0	-1	0
-1	-1	3	0	0	0
-1	-1	3	0	1	0
-1	-1	3	0	2	0
-1	-1	3	0	3	0
-1	-1	3	1	-3	0
-1	-1	3	1	-2	0
-1	-1	3	1	-1	0
-1	-1	3	1	0	0
-1	-1	3	1	1	0
-1	-1	3	1	2	0
-1	-1	3	1	3	0
-1	-1	3	2	-3	0
-1	-1	3	2	-2	0
-1	-1	3	2	-1	0
-1	-1	3	2	0	0
-1	-1	3	2	1	0
-1	-1	3	2	2	0
-1	-1	3	2	3	0
-1	-1	3	3	-3	0
-1	-1	3	3	-2	0
-1	-1	3	3	-1	0
-1	-1	3	3	0	0
-1	-1	3	3	1	0
-1	-1	3	3	2	0
-1	-1	3	3	3	0
-1	0	-3	-3	-3	0
-1	0	-3	-3	-2	0
-1	0	-3	-3	-1	0
-1	0	-3	-3	0	0
-1	0	-3	-3	1	0
-1	0	-3	-3	2	0
-1	0	-3	-3	3	0
-1	0	-3	-2	-3	0
-1	0	-3	-2	-2	0
-1	0	-3	-2	-1	0
-1	0	-3	-2	0	0
-1	0	-3	-2	1	0
-1	0	-3	-2	2	0
-1	0	-3	-2	3	0
-1	0	-3	-1	-3	0
-1	0	-3	-1	-2	0
-1	0	-3	-1	-1	0
-1	0	-3	-1	0	0
-1	0	-3	-1	1	0
-1	0	-3	-1	2	0
-1	0	-3	-1	3	0
-1	0	-3	0	-3	0
-1	0	-3	0	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	-3	0	-1	0
-1	0	-3	0	0	0
-1	0	-3	0	1	0
-1	0	-3	0	2	0
-1	0	-3	0	3	0
-1	0	-3	1	-3	0
-1	0	-3	1	-2	0
-1	0	-3	1	-1	0
-1	0	-3	1	0	0
-1	0	-3	1	1	0
-1	0	-3	1	2	0
-1	0	-3	1	3	0
-1	0	-3	2	-3	0
-1	0	-3	2	-2	0
-1	0	-3	2	-1	0
-1	0	-3	2	0	0
-1	0	-3	2	1	0
-1	0	-3	2	2	0
-1	0	-3	2	3	0
-1	0	-3	3	-3	0
-1	0	-3	3	-2	0
-1	0	-3	3	-1	0
-1	0	-3	3	0	0
-1	0	-3	3	1	0
-1	0	-3	3	2	0
-1	0	-3	3	3	0
-1	0	-2	-3	-3	0
-1	0	-2	-3	-2	0
-1	0	-2	-3	-1	0
-1	0	-2	-3	0	0
-1	0	-2	-3	1	0
-1	0	-2	-3	2	0
-1	0	-2	-3	3	0
-1	0	-2	-2	-3	0
-1	0	-2	-2	-2	0
-1	0	-2	-2	-1	0
-1	0	-2	-2	0	0
-1	0	-2	-2	1	0
-1	0	-2	-2	2	0
-1	0	-2	-2	3	0
-1	0	-2	-1	-3	0
-1	0	-2	-1	-2	0
-1	0	-2	-1	-1	0
-1	0	-2	-1	0	0
-1	0	-2	-1	1	0
-1	0	-2	-1	2	0
-1	0	-2	-1	3	0
-1	0	-2	0	-3	0
-1	0	-2	0	-2	0
-1	0	-2	0	-1	0
-1	0	-2	0	0	0
-1	0	-2	0	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	-2	0	2	0
-1	0	-2	0	3	0
-1	0	-2	1	-3	0
-1	0	-2	1	-2	0
-1	0	-2	1	-1	0
-1	0	-2	1	0	0
-1	0	-2	1	1	0
-1	0	-2	1	2	0
-1	0	-2	1	3	0
-1	0	-2	2	-3	0
-1	0	-2	2	-2	0
-1	0	-2	2	-1	0
-1	0	-2	2	0	0
-1	0	-2	2	1	0
-1	0	-2	2	2	0
-1	0	-2	2	3	0
-1	0	-2	3	-3	0
-1	0	-2	3	-2	0
-1	0	-2	3	-1	0
-1	0	-2	3	0	0
-1	0	-2	3	1	0
-1	0	-2	3	2	0
-1	0	-2	3	3	0
-1	0	-1	-3	-3	0
-1	0	-1	-3	-2	0
-1	0	-1	-3	-1	0
-1	0	-1	-3	0	0
-1	0	-1	-3	1	0
-1	0	-1	-3	2	0
-1	0	-1	-3	3	0
-1	0	-1	-2	-3	0
-1	0	-1	-2	-2	0
-1	0	-1	-2	-1	0
-1	0	-1	-2	0	0
-1	0	-1	-2	1	0
-1	0	-1	-2	2	0
-1	0	-1	-2	3	0
-1	0	-1	-1	-3	0
-1	0	-1	-1	-2	0
-1	0	-1	-1	-1	0
-1	0	-1	-1	0	0
-1	0	-1	-1	1	0
-1	0	-1	-1	2	0
-1	0	-1	-1	3	0
-1	0	-1	0	-3	0
-1	0	-1	0	-2	0
-1	0	-1	0	-1	0
-1	0	-1	0	0	0
-1	0	-1	0	1	0
-1	0	-1	0	2	0
-1	0	-1	0	3	0
-1	0	-1	1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	-1	1	-2	0
-1	0	-1	1	-1	0
-1	0	-1	1	0	0
-1	0	-1	1	1	0
-1	0	-1	1	2	0
-1	0	-1	1	3	0
-1	0	-1	2	-3	0
-1	0	-1	2	-2	0
-1	0	-1	2	-1	0
-1	0	-1	2	0	0
-1	0	-1	2	1	0
-1	0	-1	2	2	0
-1	0	-1	2	3	0
-1	0	-1	3	-3	0
-1	0	-1	3	-2	0
-1	0	-1	3	-1	0
-1	0	-1	3	0	0
-1	0	-1	3	1	0
-1	0	-1	3	2	0
-1	0	-1	3	3	0
-1	0	0	-3	-3	0
-1	0	0	-3	-2	0
-1	0	0	-3	-1	0
-1	0	0	-3	0	0
-1	0	0	-3	1	0
-1	0	0	-3	2	0
-1	0	0	-3	3	0
-1	0	0	-2	-3	0
-1	0	0	-2	-2	0
-1	0	0	-2	-1	0
-1	0	0	-2	0	0
-1	0	0	-2	1	0
-1	0	0	-2	2	0
-1	0	0	-2	3	0
-1	0	0	-1	-3	0
-1	0	0	-1	-2	0
-1	0	0	-1	-1	0
-1	0	0	-1	0	0
-1	0	0	-1	1	0
-1	0	0	-1	2	0
-1	0	0	-1	3	0
-1	0	0	0	-3	0
-1	0	0	0	-2	0
-1	0	0	0	-1	0
-1	0	0	0	0	0
-1	0	0	0	1	0
-1	0	0	0	2	0
-1	0	0	0	3	0
-1	0	0	1	-3	0
-1	0	0	1	-2	0
-1	0	0	1	-1	0
-1	0	0	1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	0	1	1	0
-1	0	0	1	2	0
-1	0	0	1	3	0
-1	0	0	2	-3	0
-1	0	0	2	-2	0
-1	0	0	2	-1	0
-1	0	0	2	0	0
-1	0	0	2	1	0
-1	0	0	2	2	0
-1	0	0	2	3	0
-1	0	0	3	-3	0
-1	0	0	3	-2	0
-1	0	0	3	-1	0
-1	0	0	3	0	0
-1	0	0	3	1	0
-1	0	0	3	2	0
-1	0	0	3	3	0
-1	0	1	-3	-3	0
-1	0	1	-3	-2	0
-1	0	1	-3	-1	0
-1	0	1	-3	0	0
-1	0	1	-3	1	0
-1	0	1	-3	2	0
-1	0	1	-3	3	0
-1	0	1	-2	-3	0
-1	0	1	-2	-2	0
-1	0	1	-2	-1	0
-1	0	1	-2	0	0
-1	0	1	-2	1	0
-1	0	1	-2	2	0
-1	0	1	-2	3	0
-1	0	1	-1	-3	0
-1	0	1	-1	-2	0
-1	0	1	-1	-1	0
-1	0	1	-1	0	0
-1	0	1	-1	1	0
-1	0	1	-1	2	0
-1	0	1	-1	3	0
-1	0	1	0	-3	0
-1	0	1	0	-2	0
-1	0	1	0	-1	0
-1	0	1	0	0	0
-1	0	1	0	1	0
-1	0	1	0	2	0
-1	0	1	0	3	0
-1	0	1	1	-3	0
-1	0	1	1	-2	0
-1	0	1	1	-1	0
-1	0	1	1	0	0
-1	0	1	1	1	0
-1	0	1	1	2	0
-1	0	1	1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	1	2	-3	0
-1	0	1	2	-2	0
-1	0	1	2	-1	0
-1	0	1	2	0	0
-1	0	1	2	1	0
-1	0	1	2	2	0
-1	0	1	2	3	0
-1	0	1	3	-3	0
-1	0	1	3	-2	0
-1	0	1	3	-1	0
-1	0	1	3	0	0
-1	0	1	3	1	0
-1	0	1	3	2	0
-1	0	1	3	3	0
-1	0	2	-3	-3	0
-1	0	2	-3	-2	0
-1	0	2	-3	-1	0
-1	0	2	-3	0	0
-1	0	2	-3	1	0
-1	0	2	-3	2	0
-1	0	2	-3	3	0
-1	0	2	-2	-3	0
-1	0	2	-2	-2	0
-1	0	2	-2	-1	0
-1	0	2	-2	0	0
-1	0	2	-2	1	0
-1	0	2	-2	2	0
-1	0	2	-2	3	0
-1	0	2	-1	-3	0
-1	0	2	-1	-2	0
-1	0	2	-1	-1	0
-1	0	2	-1	0	0
-1	0	2	-1	1	0
-1	0	2	-1	2	0
-1	0	2	-1	3	0
-1	0	2	0	-3	0
-1	0	2	0	-2	0
-1	0	2	0	-1	0
-1	0	2	0	0	0
-1	0	2	0	1	0
-1	0	2	0	2	0
-1	0	2	0	3	0
-1	0	2	1	-3	0
-1	0	2	1	-2	0
-1	0	2	1	-1	0
-1	0	2	1	0	0
-1	0	2	1	1	0
-1	0	2	1	2	0
-1	0	2	1	3	0
-1	0	2	2	-3	0
-1	0	2	2	-2	0
-1	0	2	2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	2	2	0	0
-1	0	2	2	1	0
-1	0	2	2	2	0
-1	0	2	2	3	0
-1	0	2	3	-3	0
-1	0	2	3	-2	0
-1	0	2	3	-1	0
-1	0	2	3	0	0
-1	0	2	3	1	0
-1	0	2	3	2	0
-1	0	2	3	3	0
-1	0	3	-3	-3	0
-1	0	3	-3	-2	0
-1	0	3	-3	-1	0
-1	0	3	-3	0	0
-1	0	3	-3	1	0
-1	0	3	-3	2	0
-1	0	3	-3	3	0
-1	0	3	-2	-3	0
-1	0	3	-2	-2	0
-1	0	3	-2	-1	0
-1	0	3	-2	0	0
-1	0	3	-2	1	0
-1	0	3	-2	2	0
-1	0	3	-2	3	0
-1	0	3	-1	-3	0
-1	0	3	-1	-2	0
-1	0	3	-1	-1	0
-1	0	3	-1	0	0
-1	0	3	-1	1	0
-1	0	3	-1	2	0
-1	0	3	-1	3	0
-1	0	3	0	-3	0
-1	0	3	0	-2	0
-1	0	3	0	-1	0
-1	0	3	0	0	0
-1	0	3	0	1	0
-1	0	3	0	2	0
-1	0	3	0	3	0
-1	0	3	1	-3	0
-1	0	3	1	-2	0
-1	0	3	1	-1	0
-1	0	3	1	0	0
-1	0	3	1	1	0
-1	0	3	1	2	0
-1	0	3	1	3	0
-1	0	3	2	-3	0
-1	0	3	2	-2	0
-1	0	3	2	-1	0
-1	0	3	2	0	0
-1	0	3	2	1	0
-1	0	3	2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	0	3	2	3	0
-1	0	3	3	-3	0
-1	0	3	3	-2	0
-1	0	3	3	-1	0
-1	0	3	3	0	0
-1	0	3	3	1	0
-1	0	3	3	2	0
-1	0	3	3	3	0
-1	1	-3	-3	-3	0
-1	1	-3	-3	-2	0
-1	1	-3	-3	-1	0
-1	1	-3	-3	0	0
-1	1	-3	-3	1	0
-1	1	-3	-3	2	0
-1	1	-3	-3	3	0
-1	1	-3	-2	-3	0
-1	1	-3	-2	-2	0
-1	1	-3	-2	-1	0
-1	1	-3	-2	0	0
-1	1	-3	-2	1	0
-1	1	-3	-2	2	0
-1	1	-3	-2	3	0
-1	1	-3	-1	-3	0
-1	1	-3	-1	-2	0
-1	1	-3	-1	-1	0
-1	1	-3	-1	0	0
-1	1	-3	-1	1	0
-1	1	-3	-1	2	0
-1	1	-3	-1	3	0
-1	1	-3	0	-3	0
-1	1	-3	0	-2	0
-1	1	-3	0	-1	0
-1	1	-3	0	0	0
-1	1	-3	0	1	0
-1	1	-3	0	2	0
-1	1	-3	0	3	0
-1	1	-3	1	-3	0
-1	1	-3	1	-2	0
-1	1	-3	1	-1	0
-1	1	-3	1	0	0
-1	1	-3	1	1	0
-1	1	-3	1	2	0
-1	1	-3	1	3	0
-1	1	-3	2	-3	0
-1	1	-3	2	-2	0
-1	1	-3	2	-1	0
-1	1	-3	2	0	0
-1	1	-3	2	1	0
-1	1	-3	2	2	0
-1	1	-3	2	3	0
-1	1	-3	3	-3	0
-1	1	-3	3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	1	-3	3	-1	0
-1	1	-3	3	0	0
-1	1	-3	3	1	0
-1	1	-3	3	2	0
-1	1	-3	3	3	0
-1	1	-2	-3	-3	0
-1	1	-2	-3	-2	0
-1	1	-2	-3	-1	0
-1	1	-2	-3	0	0
-1	1	-2	-3	1	0
-1	1	-2	-3	2	0
-1	1	-2	-3	3	0
-1	1	-2	-2	-3	0
-1	1	-2	-2	-2	0
-1	1	-2	-2	-1	0
-1	1	-2	-2	0	0
-1	1	-2	-2	1	0
-1	1	-2	-2	2	0
-1	1	-2	-2	3	0
-1	1	-2	-1	-3	0
-1	1	-2	-1	-2	0
-1	1	-2	-1	-1	0
-1	1	-2	-1	0	0
-1	1	-2	-1	1	0
-1	1	-2	-1	2	0
-1	1	-2	-1	3	0
-1	1	-2	0	-3	0
-1	1	-2	0	-2	0
-1	1	-2	0	-1	0
-1	1	-2	0	0	0
-1	1	-2	0	1	0
-1	1	-2	0	2	0
-1	1	-2	0	3	0
-1	1	-2	1	-3	0
-1	1	-2	1	-2	0
-1	1	-2	1	-1	0
-1	1	-2	1	0	0
-1	1	-2	1	1	0
-1	1	-2	1	2	0
-1	1	-2	1	3	0
-1	1	-2	2	-3	0
-1	1	-2	2	-2	0
-1	1	-2	2	-1	0
-1	1	-2	2	0	0
-1	1	-2	2	1	0
-1	1	-2	2	2	0
-1	1	-2	2	3	0
-1	1	-2	3	-3	0
-1	1	-2	3	-2	0
-1	1	-2	3	-1	0
-1	1	-2	3	0	0
-1	1	-2	3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	1	-2	3	2	0
-1	1	-2	3	3	0
-1	1	-1	-3	-3	0
-1	1	-1	-3	-2	0
-1	1	-1	-3	-1	0
-1	1	-1	-3	0	0
-1	1	-1	-3	1	0
-1	1	-1	-3	2	0
-1	1	-1	-3	3	0
-1	1	-1	-2	-3	0
-1	1	-1	-2	-2	0
-1	1	-1	-2	-1	0
-1	1	-1	-2	0	0
-1	1	-1	-2	1	0
-1	1	-1	-2	2	0
-1	1	-1	-2	3	0
-1	1	-1	-1	-3	0
-1	1	-1	-1	-2	0
-1	1	-1	-1	-1	0
-1	1	-1	-1	0	0
-1	1	-1	-1	1	0
-1	1	-1	-1	2	0
-1	1	-1	-1	3	0
-1	1	-1	0	-3	0
-1	1	-1	0	-2	0
-1	1	-1	0	-1	0
-1	1	-1	0	0	0
-1	1	-1	0	1	0
-1	1	-1	0	2	0
-1	1	-1	0	3	0
-1	1	-1	1	-3	0
-1	1	-1	1	-2	0
-1	1	-1	1	-1	0
-1	1	-1	1	0	0
-1	1	-1	1	1	0
-1	1	-1	1	2	0
-1	1	-1	1	3	0
-1	1	-1	2	-3	0
-1	1	-1	2	-2	0
-1	1	-1	2	-1	0
-1	1	-1	2	0	0
-1	1	-1	2	1	0
-1	1	-1	2	2	0
-1	1	-1	2	3	0
-1	1	-1	3	-3	0
-1	1	-1	3	-2	0
-1	1	-1	3	-1	0
-1	1	-1	3	0	0
-1	1	-1	3	1	0
-1	1	-1	3	2	0
-1	1	-1	3	3	0
-1	1	0	-3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	1	0	-3	-2	0
-1	1	0	-3	-1	0
-1	1	0	-3	0	0
-1	1	0	-3	1	0
-1	1	0	-3	2	0
-1	1	0	-3	3	0
-1	1	0	-2	-3	0
-1	1	0	-2	-2	0
-1	1	0	-2	-1	0
-1	1	0	-2	0	0
-1	1	0	-2	1	0
-1	1	0	-2	2	0
-1	1	0	-2	3	0
-1	1	0	-1	-3	0
-1	1	0	-1	-2	0
-1	1	0	-1	-1	0
-1	1	0	-1	0	0
-1	1	0	-1	1	0
-1	1	0	-1	2	0
-1	1	0	-1	3	0
-1	1	0	0	-3	0
-1	1	0	0	-2	0
-1	1	0	0	-1	0
-1	1	0	0	0	0
-1	1	0	0	1	0
-1	1	0	0	2	0
-1	1	0	0	3	0
-1	1	0	1	-3	0
-1	1	0	1	-2	0
-1	1	0	1	-1	0
-1	1	0	1	0	0
-1	1	0	1	1	0
-1	1	0	1	2	0
-1	1	0	1	3	0
-1	1	0	2	-3	0
-1	1	0	2	-2	0
-1	1	0	2	-1	0
-1	1	0	2	0	0
-1	1	0	2	1	0
-1	1	0	2	2	0
-1	1	0	2	3	0
-1	1	0	3	-3	0
-1	1	0	3	-2	0
-1	1	0	3	-1	0
-1	1	0	3	0	0
-1	1	0	3	1	0
-1	1	0	3	2	0
-1	1	0	3	3	0
-1	1	1	-3	-3	0
-1	1	1	-3	-2	0
-1	1	1	-3	-1	0
-1	1	1	-3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	1	1	-3	1	0
-1	1	1	-3	2	0
-1	1	1	-3	3	0
-1	1	1	-2	-3	0
-1	1	1	-2	-2	0
-1	1	1	-2	-1	0
-1	1	1	-2	0	0
-1	1	1	-2	1	0
-1	1	1	-2	2	0
-1	1	1	-2	3	0
-1	1	1	-1	-3	0
-1	1	1	-1	-2	0
-1	1	1	-1	-1	0
-1	1	1	-1	0	0
-1	1	1	-1	1	0
-1	1	1	-1	2	0
-1	1	1	-1	3	0
-1	1	1	0	-3	0
-1	1	1	0	-2	0
-1	1	1	0	-1	0
-1	1	1	0	0	0
-1	1	1	0	1	0
-1	1	1	0	2	0
-1	1	1	0	3	0
-1	1	1	1	-3	0
-1	1	1	1	-2	0
-1	1	1	1	-1	0
-1	1	1	1	0	0
-1	1	1	1	1	0
-1	1	1	1	2	0
-1	1	1	1	3	0
-1	1	1	2	-3	0
-1	1	1	2	-2	0
-1	1	1	2	-1	0
-1	1	1	2	0	0
-1	1	1	2	1	0
-1	1	1	2	2	0
-1	1	1	2	3	0
-1	1	1	3	-3	0
-1	1	1	3	-2	0
-1	1	1	3	-1	0
-1	1	1	3	0	0
-1	1	1	3	1	0
-1	1	1	3	2	0
-1	1	1	3	3	0
-1	1	2	-3	-3	0
-1	1	2	-3	-2	0
-1	1	2	-3	-1	0
-1	1	2	-3	0	0
-1	1	2	-3	1	0
-1	1	2	-3	2	0
-1	1	2	-3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	1	2	-2	-3	0
-1	1	2	-2	-2	0
-1	1	2	-2	-1	0
-1	1	2	-2	0	0
-1	1	2	-2	1	0
-1	1	2	-2	2	0
-1	1	2	-2	3	0
-1	1	2	-1	-3	0
-1	1	2	-1	-2	0
-1	1	2	-1	-1	0
-1	1	2	-1	0	0
-1	1	2	-1	1	0
-1	1	2	-1	2	0
-1	1	2	-1	3	0
-1	1	2	0	-3	0
-1	1	2	0	-2	0
-1	1	2	0	-1	0
-1	1	2	0	0	0
-1	1	2	0	1	0
-1	1	2	0	2	0
-1	1	2	0	3	0
-1	1	2	1	-3	0
-1	1	2	1	-2	0
-1	1	2	1	-1	0
-1	1	2	1	0	0
-1	1	2	1	1	0
-1	1	2	1	2	0
-1	1	2	1	3	0
-1	1	2	2	-3	0
-1	1	2	2	-2	0
-1	1	2	2	-1	0
-1	1	2	2	0	0
-1	1	2	2	1	0
-1	1	2	2	2	0
-1	1	2	2	3	0
-1	1	2	3	-3	0
-1	1	2	3	-2	0
-1	1	2	3	-1	0
-1	1	2	3	0	0
-1	1	2	3	1	0
-1	1	2	3	2	0
-1	1	2	3	3	0
-1	1	3	-3	-3	0
-1	1	3	-3	-2	0
-1	1	3	-3	-1	0
-1	1	3	-3	0	0
-1	1	3	-3	1	0
-1	1	3	-3	2	0
-1	1	3	-3	3	0
-1	1	3	-2	-3	0
-1	1	3	-2	-2	0
-1	1	3	-2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	1	3	-2	0	0
-1	1	3	-2	1	0
-1	1	3	-2	2	0
-1	1	3	-2	3	0
-1	1	3	-1	-3	0
-1	1	3	-1	-2	0
-1	1	3	-1	-1	0
-1	1	3	-1	0	0
-1	1	3	-1	1	0
-1	1	3	-1	2	0
-1	1	3	-1	3	0
-1	1	3	0	-3	0
-1	1	3	0	-2	0
-1	1	3	0	-1	0
-1	1	3	0	0	0
-1	1	3	0	1	0
-1	1	3	0	2	0
-1	1	3	0	3	0
-1	1	3	1	-3	0
-1	1	3	1	-2	0
-1	1	3	1	-1	0
-1	1	3	1	0	0
-1	1	3	1	1	0
-1	1	3	1	2	0
-1	1	3	1	3	0
-1	1	3	2	-3	0
-1	1	3	2	-2	0
-1	1	3	2	-1	0
-1	1	3	2	0	0
-1	1	3	2	1	0
-1	1	3	2	2	0
-1	1	3	2	3	0
-1	1	3	3	-3	0
-1	1	3	3	-2	0
-1	1	3	3	-1	0
-1	1	3	3	0	0
-1	1	3	3	1	0
-1	1	3	3	2	0
-1	1	3	3	3	0
-1	2	-3	-3	-3	0
-1	2	-3	-3	-2	0
-1	2	-3	-3	-1	0
-1	2	-3	-3	0	0
-1	2	-3	-3	1	0
-1	2	-3	-3	2	0
-1	2	-3	-3	3	0
-1	2	-3	-2	-3	0
-1	2	-3	-2	-2	0
-1	2	-3	-2	-1	0
-1	2	-3	-2	0	0
-1	2	-3	-2	1	0
-1	2	-3	-2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	-3	-2	3	0
-1	2	-3	-1	-3	0
-1	2	-3	-1	-2	0
-1	2	-3	-1	-1	0
-1	2	-3	-1	0	0
-1	2	-3	-1	1	0
-1	2	-3	-1	2	0
-1	2	-3	-1	3	0
-1	2	-3	0	-3	0
-1	2	-3	0	-2	0
-1	2	-3	0	-1	0
-1	2	-3	0	0	0
-1	2	-3	0	1	0
-1	2	-3	0	2	0
-1	2	-3	0	3	0
-1	2	-3	1	-3	0
-1	2	-3	1	-2	0
-1	2	-3	1	-1	0
-1	2	-3	1	0	0
-1	2	-3	1	1	0
-1	2	-3	1	2	0
-1	2	-3	1	3	0
-1	2	-3	2	-3	0
-1	2	-3	2	-2	0
-1	2	-3	2	-1	0
-1	2	-3	2	0	0
-1	2	-3	2	1	0
-1	2	-3	2	2	0
-1	2	-3	2	3	0
-1	2	-3	3	-3	0
-1	2	-3	3	-2	0
-1	2	-3	3	-1	0
-1	2	-3	3	0	0
-1	2	-3	3	1	0
-1	2	-3	3	2	0
-1	2	-3	3	3	0
-1	2	-2	-3	-3	0
-1	2	-2	-3	-2	0
-1	2	-2	-3	-1	0
-1	2	-2	-3	0	0
-1	2	-2	-3	1	0
-1	2	-2	-3	2	0
-1	2	-2	-3	3	0
-1	2	-2	-2	-3	0
-1	2	-2	-2	-2	0
-1	2	-2	-2	-1	0
-1	2	-2	-2	0	0
-1	2	-2	-2	1	0
-1	2	-2	-2	2	0
-1	2	-2	-2	3	0
-1	2	-2	-1	-3	0
-1	2	-2	-1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	-2	-1	-1	0
-1	2	-2	-1	0	0
-1	2	-2	-1	1	0
-1	2	-2	-1	2	0
-1	2	-2	-1	3	0
-1	2	-2	0	-3	0
-1	2	-2	0	-2	0
-1	2	-2	0	-1	0
-1	2	-2	0	0	0
-1	2	-2	0	1	0
-1	2	-2	0	2	0
-1	2	-2	0	3	0
-1	2	-2	1	-3	0
-1	2	-2	1	-2	0
-1	2	-2	1	-1	0
-1	2	-2	1	0	0
-1	2	-2	1	1	0
-1	2	-2	1	2	0
-1	2	-2	1	3	0
-1	2	-2	2	-3	0
-1	2	-2	2	-2	0
-1	2	-2	2	-1	0
-1	2	-2	2	0	0
-1	2	-2	2	1	0
-1	2	-2	2	2	0
-1	2	-2	2	3	0
-1	2	-2	3	-3	0
-1	2	-2	3	-2	0
-1	2	-2	3	-1	0
-1	2	-2	3	0	0
-1	2	-2	3	1	0
-1	2	-2	3	2	0
-1	2	-2	3	3	0
-1	2	-1	-3	-3	0
-1	2	-1	-3	-2	0
-1	2	-1	-3	-1	0
-1	2	-1	-3	0	0
-1	2	-1	-3	1	0
-1	2	-1	-3	2	0
-1	2	-1	-3	3	0
-1	2	-1	-2	-3	0
-1	2	-1	-2	-2	0
-1	2	-1	-2	-1	0
-1	2	-1	-2	0	0
-1	2	-1	-2	1	0
-1	2	-1	-2	2	0
-1	2	-1	-2	3	0
-1	2	-1	-1	-3	0
-1	2	-1	-1	-2	0
-1	2	-1	-1	-1	0
-1	2	-1	-1	0	0
-1	2	-1	-1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	-1	-1	2	0
-1	2	-1	-1	3	0
-1	2	-1	0	-3	0
-1	2	-1	0	-2	0
-1	2	-1	0	-1	0
-1	2	-1	0	0	0
-1	2	-1	0	1	0
-1	2	-1	0	2	0
-1	2	-1	0	3	0
-1	2	-1	1	-3	0
-1	2	-1	1	-2	0
-1	2	-1	1	-1	0
-1	2	-1	1	0	0
-1	2	-1	1	1	0
-1	2	-1	1	2	0
-1	2	-1	1	3	0
-1	2	-1	2	-3	0
-1	2	-1	2	-2	0
-1	2	-1	2	-1	0
-1	2	-1	2	0	0
-1	2	-1	2	1	0
-1	2	-1	2	2	0
-1	2	-1	2	3	0
-1	2	-1	3	-3	0
-1	2	-1	3	-2	0
-1	2	-1	3	-1	0
-1	2	-1	3	0	0
-1	2	-1	3	1	0
-1	2	-1	3	2	0
-1	2	-1	3	3	0
-1	2	0	-3	-3	0
-1	2	0	-3	-2	0
-1	2	0	-3	-1	0
-1	2	0	-3	0	0
-1	2	0	-3	1	0
-1	2	0	-3	2	0
-1	2	0	-3	3	0
-1	2	0	-2	-3	0
-1	2	0	-2	-2	0
-1	2	0	-2	-1	0
-1	2	0	-2	0	0
-1	2	0	-2	1	0
-1	2	0	-2	2	0
-1	2	0	-2	3	0
-1	2	0	-1	-3	0
-1	2	0	-1	-2	0
-1	2	0	-1	-1	0
-1	2	0	-1	0	0
-1	2	0	-1	1	0
-1	2	0	-1	2	0
-1	2	0	-1	3	0
-1	2	0	0	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	0	0	-2	0
-1	2	0	0	-1	0
-1	2	0	0	0	0
-1	2	0	0	1	0
-1	2	0	0	2	0
-1	2	0	0	3	0
-1	2	0	1	-3	0
-1	2	0	1	-2	0
-1	2	0	1	-1	0
-1	2	0	1	0	0
-1	2	0	1	1	0
-1	2	0	1	2	0
-1	2	0	1	3	0
-1	2	0	2	-3	0
-1	2	0	2	-2	0
-1	2	0	2	-1	0
-1	2	0	2	0	0
-1	2	0	2	1	0
-1	2	0	2	2	0
-1	2	0	2	3	0
-1	2	0	3	-3	0
-1	2	0	3	-2	0
-1	2	0	3	-1	0
-1	2	0	3	0	0
-1	2	0	3	1	0
-1	2	0	3	2	0
-1	2	0	3	3	0
-1	2	1	-3	-3	0
-1	2	1	-3	-2	0
-1	2	1	-3	-1	0
-1	2	1	-3	0	0
-1	2	1	-3	1	0
-1	2	1	-3	2	0
-1	2	1	-3	3	0
-1	2	1	-2	-3	0
-1	2	1	-2	-2	0
-1	2	1	-2	-1	0
-1	2	1	-2	0	0
-1	2	1	-2	1	0
-1	2	1	-2	2	0
-1	2	1	-2	3	0
-1	2	1	-1	-3	0
-1	2	1	-1	-2	0
-1	2	1	-1	-1	0
-1	2	1	-1	0	0
-1	2	1	-1	1	0
-1	2	1	-1	2	0
-1	2	1	-1	3	0
-1	2	1	0	-3	0
-1	2	1	0	-2	0
-1	2	1	0	-1	0
-1	2	1	0	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	1	0	1	0
-1	2	1	0	2	0
-1	2	1	0	3	0
-1	2	1	1	-3	0
-1	2	1	1	-2	0
-1	2	1	1	-1	0
-1	2	1	1	0	0
-1	2	1	1	1	0
-1	2	1	1	2	0
-1	2	1	1	3	0
-1	2	1	2	-3	0
-1	2	1	2	-2	0
-1	2	1	2	-1	0
-1	2	1	2	0	0
-1	2	1	2	1	0
-1	2	1	2	2	0
-1	2	1	2	3	0
-1	2	1	3	-3	0
-1	2	1	3	-2	0
-1	2	1	3	-1	0
-1	2	1	3	0	0
-1	2	1	3	1	0
-1	2	1	3	2	0
-1	2	1	3	3	0
-1	2	2	-3	-3	0
-1	2	2	-3	-2	0
-1	2	2	-3	-1	0
-1	2	2	-3	0	0
-1	2	2	-3	1	0
-1	2	2	-3	2	0
-1	2	2	-3	3	0
-1	2	2	-2	-3	0
-1	2	2	-2	-2	0
-1	2	2	-2	-1	0
-1	2	2	-2	0	0
-1	2	2	-2	1	0
-1	2	2	-2	2	0
-1	2	2	-2	3	0
-1	2	2	-1	-3	0
-1	2	2	-1	-2	0
-1	2	2	-1	-1	0
-1	2	2	-1	0	0
-1	2	2	-1	1	0
-1	2	2	-1	2	0
-1	2	2	-1	3	0
-1	2	2	0	-3	0
-1	2	2	0	-2	0
-1	2	2	0	-1	0
-1	2	2	0	0	0
-1	2	2	0	1	0
-1	2	2	0	2	0
-1	2	2	0	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	2	1	-3	0
-1	2	2	1	-2	0
-1	2	2	1	-1	0
-1	2	2	1	0	0
-1	2	2	1	1	0
-1	2	2	1	2	0
-1	2	2	1	3	0
-1	2	2	2	-3	0
-1	2	2	2	-2	0
-1	2	2	2	-1	0
-1	2	2	2	0	0
-1	2	2	2	1	0
-1	2	2	2	2	0
-1	2	2	2	3	0
-1	2	2	3	-3	0
-1	2	2	3	-2	0
-1	2	2	3	-1	0
-1	2	2	3	0	0
-1	2	2	3	1	0
-1	2	2	3	2	0
-1	2	2	3	3	0
-1	2	3	-3	-3	0
-1	2	3	-3	-2	0
-1	2	3	-3	-1	0
-1	2	3	-3	0	0
-1	2	3	-3	1	0
-1	2	3	-3	2	0
-1	2	3	-3	3	0
-1	2	3	-2	-3	0
-1	2	3	-2	-2	0
-1	2	3	-2	-1	0
-1	2	3	-2	0	0
-1	2	3	-2	1	0
-1	2	3	-2	2	0
-1	2	3	-2	3	0
-1	2	3	-1	-3	0
-1	2	3	-1	-2	0
-1	2	3	-1	-1	0
-1	2	3	-1	0	0
-1	2	3	-1	1	0
-1	2	3	-1	2	0
-1	2	3	-1	3	0
-1	2	3	0	-3	0
-1	2	3	0	-2	0
-1	2	3	0	-1	0
-1	2	3	0	0	0
-1	2	3	0	1	0
-1	2	3	0	2	0
-1	2	3	0	3	0
-1	2	3	1	-3	0
-1	2	3	1	-2	0
-1	2	3	1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	2	3	1	0	0
-1	2	3	1	1	0
-1	2	3	1	2	0
-1	2	3	1	3	0
-1	2	3	2	-3	0
-1	2	3	2	-2	0
-1	2	3	2	-1	0
-1	2	3	2	0	0
-1	2	3	2	1	0
-1	2	3	2	2	0
-1	2	3	2	3	0
-1	2	3	3	-3	0
-1	2	3	3	-2	0
-1	2	3	3	-1	0
-1	2	3	3	0	0
-1	2	3	3	1	0
-1	2	3	3	2	0
-1	2	3	3	3	0
-1	3	-3	-3	-3	0
-1	3	-3	-3	-2	0
-1	3	-3	-3	-1	0
-1	3	-3	-3	0	0
-1	3	-3	-3	1	0
-1	3	-3	-3	2	0
-1	3	-3	-3	3	0
-1	3	-3	-2	-3	0
-1	3	-3	-2	-2	0
-1	3	-3	-2	-1	0
-1	3	-3	-2	0	0
-1	3	-3	-2	1	0
-1	3	-3	-2	2	0
-1	3	-3	-2	3	0
-1	3	-3	-1	-3	0
-1	3	-3	-1	-2	0
-1	3	-3	-1	-1	0
-1	3	-3	-1	0	0
-1	3	-3	-1	1	0
-1	3	-3	-1	2	0
-1	3	-3	-1	3	0
-1	3	-3	0	-3	0
-1	3	-3	0	-2	0
-1	3	-3	0	-1	0
-1	3	-3	0	0	0
-1	3	-3	0	1	0
-1	3	-3	0	2	0
-1	3	-3	0	3	0
-1	3	-3	1	-3	0
-1	3	-3	1	-2	0
-1	3	-3	1	-1	0
-1	3	-3	1	0	0
-1	3	-3	1	1	0
-1	3	-3	1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	3	-3	1	3	0
-1	3	-3	2	-3	0
-1	3	-3	2	-2	0
-1	3	-3	2	-1	0
-1	3	-3	2	0	0
-1	3	-3	2	1	0
-1	3	-3	2	2	0
-1	3	-3	2	3	0
-1	3	-3	3	-3	0
-1	3	-3	3	-2	0
-1	3	-3	3	-1	0
-1	3	-3	3	0	0
-1	3	-3	3	1	0
-1	3	-3	3	2	0
-1	3	-3	3	3	0
-1	3	-2	-3	-3	0
-1	3	-2	-3	-2	0
-1	3	-2	-3	-1	0
-1	3	-2	-3	0	0
-1	3	-2	-3	1	0
-1	3	-2	-3	2	0
-1	3	-2	-3	3	0
-1	3	-2	-2	-3	0
-1	3	-2	-2	-2	0
-1	3	-2	-2	-1	0
-1	3	-2	-2	0	0
-1	3	-2	-2	1	0
-1	3	-2	-2	2	0
-1	3	-2	-2	3	0
-1	3	-2	-1	-3	0
-1	3	-2	-1	-2	0
-1	3	-2	-1	-1	0
-1	3	-2	-1	0	0
-1	3	-2	-1	1	0
-1	3	-2	-1	2	0
-1	3	-2	-1	3	0
-1	3	-2	0	-3	0
-1	3	-2	0	-2	0
-1	3	-2	0	-1	0
-1	3	-2	0	0	0
-1	3	-2	0	1	0
-1	3	-2	0	2	0
-1	3	-2	0	3	0
-1	3	-2	1	-3	0
-1	3	-2	1	-2	0
-1	3	-2	1	-1	0
-1	3	-2	1	0	0
-1	3	-2	1	1	0
-1	3	-2	1	2	0
-1	3	-2	1	3	0
-1	3	-2	2	-3	0
-1	3	-2	2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	3	-2	2	-1	0
-1	3	-2	2	0	0
-1	3	-2	2	1	0
-1	3	-2	2	2	0
-1	3	-2	2	3	0
-1	3	-2	3	-3	0
-1	3	-2	3	-2	0
-1	3	-2	3	-1	0
-1	3	-2	3	0	0
-1	3	-2	3	1	0
-1	3	-2	3	2	0
-1	3	-2	3	3	0
-1	3	-1	-3	-3	0
-1	3	-1	-3	-2	0
-1	3	-1	-3	-1	0
-1	3	-1	-3	0	0
-1	3	-1	-3	1	0
-1	3	-1	-3	2	0
-1	3	-1	-3	3	0
-1	3	-1	-2	-3	0
-1	3	-1	-2	-2	0
-1	3	-1	-2	-1	0
-1	3	-1	-2	0	0
-1	3	-1	-2	1	0
-1	3	-1	-2	2	0
-1	3	-1	-2	3	0
-1	3	-1	-1	-3	0
-1	3	-1	-1	-2	0
-1	3	-1	-1	-1	0
-1	3	-1	-1	0	0
-1	3	-1	-1	1	0
-1	3	-1	-1	2	0
-1	3	-1	-1	3	0
-1	3	-1	0	-3	0
-1	3	-1	0	-2	0
-1	3	-1	0	-1	0
-1	3	-1	0	0	0
-1	3	-1	0	1	0
-1	3	-1	0	2	0
-1	3	-1	0	3	0
-1	3	-1	1	-3	0
-1	3	-1	1	-2	0
-1	3	-1	1	-1	0
-1	3	-1	1	0	0
-1	3	-1	1	1	0
-1	3	-1	1	2	0
-1	3	-1	1	3	0
-1	3	-1	2	-3	0
-1	3	-1	2	-2	0
-1	3	-1	2	-1	0
-1	3	-1	2	0	0
-1	3	-1	2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	3	-1	2	2	0
-1	3	-1	2	3	0
-1	3	-1	3	-3	0
-1	3	-1	3	-2	0
-1	3	-1	3	-1	0
-1	3	-1	3	0	0
-1	3	-1	3	1	0
-1	3	-1	3	2	0
-1	3	-1	3	3	0
-1	3	0	-3	-3	0
-1	3	0	-3	-2	0
-1	3	0	-3	-1	0
-1	3	0	-3	0	0
-1	3	0	-3	1	0
-1	3	0	-3	2	0
-1	3	0	-3	3	0
-1	3	0	-2	-3	0
-1	3	0	-2	-2	0
-1	3	0	-2	-1	0
-1	3	0	-2	0	0
-1	3	0	-2	1	0
-1	3	0	-2	2	0
-1	3	0	-2	3	0
-1	3	0	-1	-3	0
-1	3	0	-1	-2	0
-1	3	0	-1	-1	0
-1	3	0	-1	0	0
-1	3	0	-1	1	0
-1	3	0	-1	2	0
-1	3	0	-1	3	0
-1	3	0	0	-3	0
-1	3	0	0	-2	0
-1	3	0	0	-1	0
-1	3	0	0	0	0
-1	3	0	0	1	0
-1	3	0	0	2	0
-1	3	0	0	3	0
-1	3	0	1	-3	0
-1	3	0	1	-2	0
-1	3	0	1	-1	0
-1	3	0	1	0	0
-1	3	0	1	1	0
-1	3	0	1	2	0
-1	3	0	1	3	0
-1	3	0	2	-3	0
-1	3	0	2	-2	0
-1	3	0	2	-1	0
-1	3	0	2	0	0
-1	3	0	2	1	0
-1	3	0	2	2	0
-1	3	0	2	3	0
-1	3	0	3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	3	0	3	-2	0
-1	3	0	3	-1	0
-1	3	0	3	0	0
-1	3	0	3	1	0
-1	3	0	3	2	0
-1	3	0	3	3	0
-1	3	1	-3	-3	0
-1	3	1	-3	-2	0
-1	3	1	-3	-1	0
-1	3	1	-3	0	0
-1	3	1	-3	1	0
-1	3	1	-3	2	0
-1	3	1	-3	3	0
-1	3	1	-2	-3	0
-1	3	1	-2	-2	0
-1	3	1	-2	-1	0
-1	3	1	-2	0	0
-1	3	1	-2	1	0
-1	3	1	-2	2	0
-1	3	1	-2	3	0
-1	3	1	-1	-3	0
-1	3	1	-1	-2	0
-1	3	1	-1	-1	0
-1	3	1	-1	0	0
-1	3	1	-1	1	0
-1	3	1	-1	2	0
-1	3	1	-1	3	0
-1	3	1	0	-3	0
-1	3	1	0	-2	0
-1	3	1	0	-1	0
-1	3	1	0	0	0
-1	3	1	0	1	0
-1	3	1	0	2	0
-1	3	1	0	3	0
-1	3	1	1	-3	0
-1	3	1	1	-2	0
-1	3	1	1	-1	0
-1	3	1	1	0	0
-1	3	1	1	1	0
-1	3	1	1	2	0
-1	3	1	1	3	0
-1	3	1	2	-3	0
-1	3	1	2	-2	0
-1	3	1	2	-1	0
-1	3	1	2	0	0
-1	3	1	2	1	0
-1	3	1	2	2	0
-1	3	1	2	3	0
-1	3	1	3	-3	0
-1	3	1	3	-2	0
-1	3	1	3	-1	0
-1	3	1	3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	3	1	3	1	0
-1	3	1	3	2	0
-1	3	1	3	3	0
-1	3	2	-3	-3	0
-1	3	2	-3	-2	0
-1	3	2	-3	-1	0
-1	3	2	-3	0	0
-1	3	2	-3	1	0
-1	3	2	-3	2	0
-1	3	2	-3	3	0
-1	3	2	-2	-3	0
-1	3	2	-2	-2	0
-1	3	2	-2	-1	0
-1	3	2	-2	0	0
-1	3	2	-2	1	0
-1	3	2	-2	2	0
-1	3	2	-2	3	0
-1	3	2	-1	-3	0
-1	3	2	-1	-2	0
-1	3	2	-1	-1	0
-1	3	2	-1	0	0
-1	3	2	-1	1	0
-1	3	2	-1	2	0
-1	3	2	-1	3	0
-1	3	2	0	-3	0
-1	3	2	0	-2	0
-1	3	2	0	-1	0
-1	3	2	0	0	0
-1	3	2	0	1	0
-1	3	2	0	2	0
-1	3	2	0	3	0
-1	3	2	1	-3	0
-1	3	2	1	-2	0
-1	3	2	1	-1	0
-1	3	2	1	0	0
-1	3	2	1	1	0
-1	3	2	1	2	0
-1	3	2	1	3	0
-1	3	2	2	-3	0
-1	3	2	2	-2	0
-1	3	2	2	-1	0
-1	3	2	2	0	0
-1	3	2	2	1	0
-1	3	2	2	2	0
-1	3	2	2	3	0
-1	3	2	3	-3	0
-1	3	2	3	-2	0
-1	3	2	3	-1	0
-1	3	2	3	0	0
-1	3	2	3	1	0
-1	3	2	3	2	0
-1	3	2	3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
-1	3	3	-3	-3	0
-1	3	3	-3	-2	0
-1	3	3	-3	-1	0
-1	3	3	-3	0	0
-1	3	3	-3	1	0
-1	3	3	-3	2	0
-1	3	3	-3	3	0
-1	3	3	-2	-3	0
-1	3	3	-2	-2	0
-1	3	3	-2	-1	0
-1	3	3	-2	0	0
-1	3	3	-2	1	0
-1	3	3	-2	2	0
-1	3	3	-2	3	0
-1	3	3	-1	-3	0
-1	3	3	-1	-2	0
-1	3	3	-1	-1	0
-1	3	3	-1	0	0
-1	3	3	-1	1	0
-1	3	3	-1	2	0
-1	3	3	-1	3	0
-1	3	3	0	-3	0
-1	3	3	0	-2	0
-1	3	3	0	-1	0
-1	3	3	0	0	0
-1	3	3	0	1	0
-1	3	3	0	2	0
-1	3	3	0	3	0
-1	3	3	1	-3	0
-1	3	3	1	-2	0
-1	3	3	1	-1	0
-1	3	3	1	0	0
-1	3	3	1	1	0
-1	3	3	1	2	0
-1	3	3	1	3	0
-1	3	3	2	-3	0
-1	3	3	2	-2	0
-1	3	3	2	-1	0
-1	3	3	2	0	0
-1	3	3	2	1	0
-1	3	3	2	2	0
-1	3	3	2	3	0
-1	3	3	3	-3	0
-1	3	3	3	-2	0
-1	3	3	3	-1	0
-1	3	3	3	0	0
-1	3	3	3	1	0
-1	3	3	3	2	0
-1	3	3	3	3	0
0	-3	-3	-3	-3	0
0	-3	-3	-3	-2	0
0	-3	-3	-3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	-3	-3	0	0
0	-3	-3	-3	1	0
0	-3	-3	-3	2	0
0	-3	-3	-3	3	0
0	-3	-3	-2	-3	0
0	-3	-3	-2	-2	0
0	-3	-3	-2	-1	0
0	-3	-3	-2	0	0
0	-3	-3	-2	1	0
0	-3	-3	-2	2	0
0	-3	-3	-2	3	0
0	-3	-3	-1	-3	0
0	-3	-3	-1	-2	0
0	-3	-3	-1	-1	0
0	-3	-3	-1	0	0
0	-3	-3	-1	1	0
0	-3	-3	-1	2	0
0	-3	-3	-1	3	0
0	-3	-3	0	-3	0
0	-3	-3	0	-2	0
0	-3	-3	0	-1	0
0	-3	-3	0	0	0
0	-3	-3	0	1	0
0	-3	-3	0	2	0
0	-3	-3	0	3	0
0	-3	-3	1	-3	0
0	-3	-3	1	-2	0
0	-3	-3	1	-1	0
0	-3	-3	1	0	0
0	-3	-3	1	1	0
0	-3	-3	1	2	0
0	-3	-3	1	3	0
0	-3	-3	2	-3	0
0	-3	-3	2	-2	0
0	-3	-3	2	-1	0
0	-3	-3	2	0	0
0	-3	-3	2	1	0
0	-3	-3	2	2	0
0	-3	-3	2	3	0
0	-3	-3	3	-3	0
0	-3	-3	3	-2	0
0	-3	-3	3	-1	0
0	-3	-3	3	0	0
0	-3	-3	3	1	0
0	-3	-3	3	2	0
0	-3	-3	3	3	0
0	-3	-2	-3	-3	0
0	-3	-2	-3	-2	0
0	-3	-2	-3	-1	0
0	-3	-2	-3	0	0
0	-3	-2	-3	1	0
0	-3	-2	-3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	-2	-3	3	0
0	-3	-2	-2	-3	0
0	-3	-2	-2	-2	0
0	-3	-2	-2	-1	0
0	-3	-2	-2	0	0
0	-3	-2	-2	1	0
0	-3	-2	-2	2	0
0	-3	-2	-2	3	0
0	-3	-2	-1	-3	0
0	-3	-2	-1	-2	0
0	-3	-2	-1	-1	0
0	-3	-2	-1	0	0
0	-3	-2	-1	1	0
0	-3	-2	-1	2	0
0	-3	-2	-1	3	0
0	-3	-2	0	-3	0
0	-3	-2	0	-2	0
0	-3	-2	0	-1	0
0	-3	-2	0	0	0
0	-3	-2	0	1	0
0	-3	-2	0	2	0
0	-3	-2	0	3	0
0	-3	-2	1	-3	0
0	-3	-2	1	-2	0
0	-3	-2	1	-1	0
0	-3	-2	1	0	0
0	-3	-2	1	1	0
0	-3	-2	1	2	0
0	-3	-2	1	3	0
0	-3	-2	2	-3	0
0	-3	-2	2	-2	0
0	-3	-2	2	-1	0
0	-3	-2	2	0	0
0	-3	-2	2	1	0
0	-3	-2	2	2	0
0	-3	-2	2	3	0
0	-3	-2	3	-3	0
0	-3	-2	3	-2	0
0	-3	-2	3	-1	0
0	-3	-2	3	0	0
0	-3	-2	3	1	0
0	-3	-2	3	2	0
0	-3	-2	3	3	0
0	-3	-1	-3	-3	0
0	-3	-1	-3	-2	0
0	-3	-1	-3	-1	0
0	-3	-1	-3	0	0
0	-3	-1	-3	1	0
0	-3	-1	-3	2	0
0	-3	-1	-3	3	0
0	-3	-1	-2	-3	0
0	-3	-1	-2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	-1	-2	-1	0
0	-3	-1	-2	0	0
0	-3	-1	-2	1	0
0	-3	-1	-2	2	0
0	-3	-1	-2	3	0
0	-3	-1	-1	-3	0
0	-3	-1	-1	-2	0
0	-3	-1	-1	-1	0
0	-3	-1	-1	0	0
0	-3	-1	-1	1	0
0	-3	-1	-1	2	0
0	-3	-1	-1	3	0
0	-3	-1	0	-3	0
0	-3	-1	0	-2	0
0	-3	-1	0	-1	0
0	-3	-1	0	0	0
0	-3	-1	0	1	0
0	-3	-1	0	2	0
0	-3	-1	0	3	0
0	-3	-1	1	-3	0
0	-3	-1	1	-2	0
0	-3	-1	1	-1	0
0	-3	-1	1	0	0
0	-3	-1	1	1	0
0	-3	-1	1	2	0
0	-3	-1	1	3	0
0	-3	-1	2	-3	0
0	-3	-1	2	-2	0
0	-3	-1	2	-1	0
0	-3	-1	2	0	0
0	-3	-1	2	1	0
0	-3	-1	2	2	0
0	-3	-1	2	3	0
0	-3	-1	3	-3	0
0	-3	-1	3	-2	0
0	-3	-1	3	-1	0
0	-3	-1	3	0	0
0	-3	-1	3	1	0
0	-3	-1	3	2	0
0	-3	-1	3	3	0
0	-3	0	-3	-3	0
0	-3	0	-3	-2	0
0	-3	0	-3	-1	0
0	-3	0	-3	0	0
0	-3	0	-3	1	0
0	-3	0	-3	2	0
0	-3	0	-3	3	0
0	-3	0	-2	-3	0
0	-3	0	-2	-2	0
0	-3	0	-2	-1	0
0	-3	0	-2	0	0
0	-3	0	-2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	0	-2	2	0
0	-3	0	-2	3	0
0	-3	0	-1	-3	0
0	-3	0	-1	-2	0
0	-3	0	-1	-1	0
0	-3	0	-1	0	0
0	-3	0	-1	1	0
0	-3	0	-1	2	0
0	-3	0	-1	3	0
0	-3	0	0	-3	0
0	-3	0	0	-2	0
0	-3	0	0	-1	0
0	-3	0	0	0	0
0	-3	0	0	1	0
0	-3	0	0	2	0
0	-3	0	0	3	0
0	-3	0	1	-3	0
0	-3	0	1	-2	0
0	-3	0	1	-1	0
0	-3	0	1	0	0
0	-3	0	1	1	0
0	-3	0	1	2	0
0	-3	0	1	3	0
0	-3	0	2	-3	0
0	-3	0	2	-2	0
0	-3	0	2	-1	0
0	-3	0	2	0	0
0	-3	0	2	1	0
0	-3	0	2	2	0
0	-3	0	2	3	0
0	-3	0	3	-3	0
0	-3	0	3	-2	0
0	-3	0	3	-1	0
0	-3	0	3	0	0
0	-3	0	3	1	0
0	-3	0	3	2	0
0	-3	0	3	3	0
0	-3	1	-3	-3	0
0	-3	1	-3	-2	0
0	-3	1	-3	-1	0
0	-3	1	-3	0	0
0	-3	1	-3	1	0
0	-3	1	-3	2	0
0	-3	1	-3	3	0
0	-3	1	-2	-3	0
0	-3	1	-2	-2	0
0	-3	1	-2	-1	0
0	-3	1	-2	0	0
0	-3	1	-2	1	0
0	-3	1	-2	2	0
0	-3	1	-2	3	0
0	-3	1	-1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	1	-1	-2	0
0	-3	1	-1	-1	0
0	-3	1	-1	0	0
0	-3	1	-1	1	0
0	-3	1	-1	2	0
0	-3	1	-1	3	0
0	-3	1	0	-3	0
0	-3	1	0	-2	0
0	-3	1	0	-1	0
0	-3	1	0	0	0
0	-3	1	0	1	0
0	-3	1	0	2	0
0	-3	1	0	3	0
0	-3	1	1	-3	0
0	-3	1	1	-2	0
0	-3	1	1	-1	0
0	-3	1	1	0	0
0	-3	1	1	1	0
0	-3	1	1	2	0
0	-3	1	1	3	0
0	-3	1	2	-3	0
0	-3	1	2	-2	0
0	-3	1	2	-1	0
0	-3	1	2	0	0
0	-3	1	2	1	0
0	-3	1	2	2	0
0	-3	1	2	3	0
0	-3	1	3	-3	0
0	-3	1	3	-2	0
0	-3	1	3	-1	0
0	-3	1	3	0	0
0	-3	1	3	1	0
0	-3	1	3	2	0
0	-3	1	3	3	0
0	-3	2	-3	-3	0
0	-3	2	-3	-2	0
0	-3	2	-3	-1	0
0	-3	2	-3	0	0
0	-3	2	-3	1	0
0	-3	2	-3	2	0
0	-3	2	-3	3	0
0	-3	2	-2	-3	0
0	-3	2	-2	-2	0
0	-3	2	-2	-1	0
0	-3	2	-2	0	0
0	-3	2	-2	1	0
0	-3	2	-2	2	0
0	-3	2	-2	3	0
0	-3	2	-1	-3	0
0	-3	2	-1	-2	0
0	-3	2	-1	-1	0
0	-3	2	-1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	2	-1	1	0
0	-3	2	-1	2	0
0	-3	2	-1	3	0
0	-3	2	0	-3	0
0	-3	2	0	-2	0
0	-3	2	0	-1	0
0	-3	2	0	0	0
0	-3	2	0	1	0
0	-3	2	0	2	0
0	-3	2	0	3	0
0	-3	2	1	-3	0
0	-3	2	1	-2	0
0	-3	2	1	-1	0
0	-3	2	1	0	0
0	-3	2	1	1	0
0	-3	2	1	2	0
0	-3	2	1	3	0
0	-3	2	2	-3	0
0	-3	2	2	-2	0
0	-3	2	2	-1	0
0	-3	2	2	0	0
0	-3	2	2	1	0
0	-3	2	2	2	0
0	-3	2	2	3	0
0	-3	2	3	-3	0
0	-3	2	3	-2	0
0	-3	2	3	-1	0
0	-3	2	3	0	0
0	-3	2	3	1	0
0	-3	2	3	2	0
0	-3	2	3	3	0
0	-3	3	-3	-3	0
0	-3	3	-3	-2	0
0	-3	3	-3	-1	0
0	-3	3	-3	0	0
0	-3	3	-3	1	0
0	-3	3	-3	2	0
0	-3	3	-3	3	0
0	-3	3	-2	-3	0
0	-3	3	-2	-2	0
0	-3	3	-2	-1	0
0	-3	3	-2	0	0
0	-3	3	-2	1	0
0	-3	3	-2	2	0
0	-3	3	-2	3	0
0	-3	3	-1	-3	0
0	-3	3	-1	-2	0
0	-3	3	-1	-1	0
0	-3	3	-1	0	0
0	-3	3	-1	1	0
0	-3	3	-1	2	0
0	-3	3	-1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-3	3	0	-3	0
0	-3	3	0	-2	0
0	-3	3	0	-1	0
0	-3	3	0	0	0
0	-3	3	0	1	0
0	-3	3	0	2	0
0	-3	3	0	3	0
0	-3	3	1	-3	0
0	-3	3	1	-2	0
0	-3	3	1	-1	0
0	-3	3	1	0	0
0	-3	3	1	1	0
0	-3	3	1	2	0
0	-3	3	1	3	0
0	-3	3	2	-3	0
0	-3	3	2	-2	0
0	-3	3	2	-1	0
0	-3	3	2	0	0
0	-3	3	2	1	0
0	-3	3	2	2	0
0	-3	3	2	3	0
0	-3	3	3	-3	0
0	-3	3	3	-2	0
0	-3	3	3	-1	0
0	-3	3	3	0	0
0	-3	3	3	1	0
0	-3	3	3	2	0
0	-3	3	3	3	0
0	-2	-3	-3	-3	0
0	-2	-3	-3	-2	0
0	-2	-3	-3	-1	0
0	-2	-3	-3	0	0
0	-2	-3	-3	1	0
0	-2	-3	-3	2	0
0	-2	-3	-3	3	0
0	-2	-3	-2	-3	0
0	-2	-3	-2	-2	0
0	-2	-3	-2	-1	0
0	-2	-3	-2	0	0
0	-2	-3	-2	1	0
0	-2	-3	-2	2	0
0	-2	-3	-2	3	0
0	-2	-3	-1	-3	0
0	-2	-3	-1	-2	0
0	-2	-3	-1	-1	0
0	-2	-3	-1	0	0
0	-2	-3	-1	1	0
0	-2	-3	-1	2	0
0	-2	-3	-1	3	0
0	-2	-3	0	-3	0
0	-2	-3	0	-2	0
0	-2	-3	0	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	-3	0	0	0
0	-2	-3	0	1	0
0	-2	-3	0	2	0
0	-2	-3	0	3	0
0	-2	-3	1	-3	0
0	-2	-3	1	-2	0
0	-2	-3	1	-1	0
0	-2	-3	1	0	0
0	-2	-3	1	1	0
0	-2	-3	1	2	0
0	-2	-3	1	3	0
0	-2	-3	2	-3	0
0	-2	-3	2	-2	0
0	-2	-3	2	-1	0
0	-2	-3	2	0	0
0	-2	-3	2	1	0
0	-2	-3	2	2	0
0	-2	-3	2	3	0
0	-2	-3	3	-3	0
0	-2	-3	3	-2	0
0	-2	-3	3	-1	0
0	-2	-3	3	0	0
0	-2	-3	3	1	0
0	-2	-3	3	2	0
0	-2	-3	3	3	0
0	-2	-2	-3	-3	0
0	-2	-2	-3	-2	0
0	-2	-2	-3	-1	0
0	-2	-2	-3	0	0
0	-2	-2	-3	1	0
0	-2	-2	-3	2	0
0	-2	-2	-3	3	0
0	-2	-2	-2	-3	0
0	-2	-2	-2	-2	0
0	-2	-2	-2	-1	0
0	-2	-2	-2	0	0
0	-2	-2	-2	1	0
0	-2	-2	-2	2	0
0	-2	-2	-2	3	0
0	-2	-2	-1	-3	0
0	-2	-2	-1	-2	0
0	-2	-2	-1	-1	0
0	-2	-2	-1	0	0
0	-2	-2	-1	1	0
0	-2	-2	-1	2	0
0	-2	-2	-1	3	0
0	-2	-2	0	-3	0
0	-2	-2	0	-2	0
0	-2	-2	0	-1	0
0	-2	-2	0	0	0
0	-2	-2	0	1	0
0	-2	-2	0	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	-2	0	3	0
0	-2	-2	1	-3	0
0	-2	-2	1	-2	0
0	-2	-2	1	-1	0
0	-2	-2	1	0	0
0	-2	-2	1	1	0
0	-2	-2	1	2	0
0	-2	-2	1	3	0
0	-2	-2	2	-3	0
0	-2	-2	2	-2	0
0	-2	-2	2	-1	0
0	-2	-2	2	0	0
0	-2	-2	2	1	0
0	-2	-2	2	2	0
0	-2	-2	2	3	0
0	-2	-2	3	-3	0
0	-2	-2	3	-2	0
0	-2	-2	3	-1	0
0	-2	-2	3	0	0
0	-2	-2	3	1	0
0	-2	-2	3	2	0
0	-2	-2	3	3	0
0	-2	-1	-3	-3	0
0	-2	-1	-3	-2	0
0	-2	-1	-3	-1	0
0	-2	-1	-3	0	0
0	-2	-1	-3	1	0
0	-2	-1	-3	2	0
0	-2	-1	-3	3	0
0	-2	-1	-2	-3	0
0	-2	-1	-2	-2	0
0	-2	-1	-2	-1	0
0	-2	-1	-2	0	0
0	-2	-1	-2	1	0
0	-2	-1	-2	2	0
0	-2	-1	-2	3	0
0	-2	-1	-1	-3	0
0	-2	-1	-1	-2	0
0	-2	-1	-1	-1	0
0	-2	-1	-1	0	0
0	-2	-1	-1	1	0
0	-2	-1	-1	2	0
0	-2	-1	-1	3	0
0	-2	-1	0	-3	0
0	-2	-1	0	-2	0
0	-2	-1	0	-1	0
0	-2	-1	0	0	0
0	-2	-1	0	1	0
0	-2	-1	0	2	0
0	-2	-1	0	3	0
0	-2	-1	1	-3	0
0	-2	-1	1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	-1	1	-1	0
0	-2	-1	1	0	0
0	-2	-1	1	1	0
0	-2	-1	1	2	0
0	-2	-1	1	3	0
0	-2	-1	2	-3	0
0	-2	-1	2	-2	0
0	-2	-1	2	-1	0
0	-2	-1	2	0	0
0	-2	-1	2	1	0
0	-2	-1	2	2	0
0	-2	-1	2	3	0
0	-2	-1	3	-3	0
0	-2	-1	3	-2	0
0	-2	-1	3	-1	0
0	-2	-1	3	0	0
0	-2	-1	3	1	0
0	-2	-1	3	2	0
0	-2	-1	3	3	0
0	-2	0	-3	-3	0
0	-2	0	-3	-2	0
0	-2	0	-3	-1	0
0	-2	0	-3	0	0
0	-2	0	-3	1	0
0	-2	0	-3	2	0
0	-2	0	-3	3	0
0	-2	0	-2	-3	0
0	-2	0	-2	-2	0
0	-2	0	-2	-1	0
0	-2	0	-2	0	0
0	-2	0	-2	1	0
0	-2	0	-2	2	0
0	-2	0	-2	3	0
0	-2	0	-1	-3	0
0	-2	0	-1	-2	0
0	-2	0	-1	-1	0
0	-2	0	-1	0	0
0	-2	0	-1	1	0
0	-2	0	-1	2	0
0	-2	0	-1	3	0
0	-2	0	0	-3	0
0	-2	0	0	-2	0
0	-2	0	0	-1	0
0	-2	0	0	0	0
0	-2	0	0	1	0
0	-2	0	0	2	0
0	-2	0	0	3	0
0	-2	0	1	-3	0
0	-2	0	1	-2	0
0	-2	0	1	-1	0
0	-2	0	1	0	0
0	-2	0	1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	0	1	2	0
0	-2	0	1	3	0
0	-2	0	2	-3	0
0	-2	0	2	-2	0
0	-2	0	2	-1	0
0	-2	0	2	0	0
0	-2	0	2	1	0
0	-2	0	2	2	0
0	-2	0	2	3	0
0	-2	0	3	-3	0
0	-2	0	3	-2	0
0	-2	0	3	-1	0
0	-2	0	3	0	0
0	-2	0	3	1	0
0	-2	0	3	2	0
0	-2	0	3	3	0
0	-2	1	-3	-3	0
0	-2	1	-3	-2	0
0	-2	1	-3	-1	0
0	-2	1	-3	0	0
0	-2	1	-3	1	0
0	-2	1	-3	2	0
0	-2	1	-3	3	0
0	-2	1	-2	-3	0
0	-2	1	-2	-2	0
0	-2	1	-2	-1	0
0	-2	1	-2	0	0
0	-2	1	-2	1	0
0	-2	1	-2	2	0
0	-2	1	-2	3	0
0	-2	1	-1	-3	0
0	-2	1	-1	-2	0
0	-2	1	-1	-1	0
0	-2	1	-1	0	0
0	-2	1	-1	1	0
0	-2	1	-1	2	0
0	-2	1	-1	3	0
0	-2	1	0	-3	0
0	-2	1	0	-2	0
0	-2	1	0	-1	0
0	-2	1	0	0	0
0	-2	1	0	1	0
0	-2	1	0	2	0
0	-2	1	0	3	0
0	-2	1	1	-3	0
0	-2	1	1	-2	0
0	-2	1	1	-1	0
0	-2	1	1	0	0
0	-2	1	1	1	0
0	-2	1	1	2	0
0	-2	1	1	3	0
0	-2	1	2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	1	2	-2	0
0	-2	1	2	-1	0
0	-2	1	2	0	0
0	-2	1	2	1	0
0	-2	1	2	2	0
0	-2	1	2	3	0
0	-2	1	3	-3	0
0	-2	1	3	-2	0
0	-2	1	3	-1	0
0	-2	1	3	0	0
0	-2	1	3	1	0
0	-2	1	3	2	0
0	-2	1	3	3	0
0	-2	2	-3	-3	0
0	-2	2	-3	-2	0
0	-2	2	-3	-1	0
0	-2	2	-3	0	0
0	-2	2	-3	1	0
0	-2	2	-3	2	0
0	-2	2	-3	3	0
0	-2	2	-2	-3	0
0	-2	2	-2	-2	0
0	-2	2	-2	-1	0
0	-2	2	-2	0	0
0	-2	2	-2	1	0
0	-2	2	-2	2	0
0	-2	2	-2	3	0
0	-2	2	-1	-3	0
0	-2	2	-1	-2	0
0	-2	2	-1	-1	0
0	-2	2	-1	0	0
0	-2	2	-1	1	0
0	-2	2	-1	2	0
0	-2	2	-1	3	0
0	-2	2	0	-3	0
0	-2	2	0	-2	0
0	-2	2	0	-1	0
0	-2	2	0	0	0
0	-2	2	0	1	0
0	-2	2	0	2	0
0	-2	2	0	3	0
0	-2	2	1	-3	0
0	-2	2	1	-2	0
0	-2	2	1	-1	0
0	-2	2	1	0	0
0	-2	2	1	1	0
0	-2	2	1	2	0
0	-2	2	1	3	0
0	-2	2	2	-3	0
0	-2	2	2	-2	0
0	-2	2	2	-1	0
0	-2	2	2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	2	2	1	0
0	-2	2	2	2	0
0	-2	2	2	3	0
0	-2	2	3	-3	0
0	-2	2	3	-2	0
0	-2	2	3	-1	0
0	-2	2	3	0	0
0	-2	2	3	1	0
0	-2	2	3	2	0
0	-2	2	3	3	0
0	-2	3	-3	-3	0
0	-2	3	-3	-2	0
0	-2	3	-3	-1	0
0	-2	3	-3	0	0
0	-2	3	-3	1	0
0	-2	3	-3	2	0
0	-2	3	-3	3	0
0	-2	3	-2	-3	0
0	-2	3	-2	-2	0
0	-2	3	-2	-1	0
0	-2	3	-2	0	0
0	-2	3	-2	1	0
0	-2	3	-2	2	0
0	-2	3	-2	3	0
0	-2	3	-1	-3	0
0	-2	3	-1	-2	0
0	-2	3	-1	-1	0
0	-2	3	-1	0	0
0	-2	3	-1	1	0
0	-2	3	-1	2	0
0	-2	3	-1	3	0
0	-2	3	0	-3	0
0	-2	3	0	-2	0
0	-2	3	0	-1	0
0	-2	3	0	0	0
0	-2	3	0	1	0
0	-2	3	0	2	0
0	-2	3	0	3	0
0	-2	3	1	-3	0
0	-2	3	1	-2	0
0	-2	3	1	-1	0
0	-2	3	1	0	0
0	-2	3	1	1	0
0	-2	3	1	2	0
0	-2	3	1	3	0
0	-2	3	2	-3	0
0	-2	3	2	-2	0
0	-2	3	2	-1	0
0	-2	3	2	0	0
0	-2	3	2	1	0
0	-2	3	2	2	0
0	-2	3	2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-2	3	3	-3	0
0	-2	3	3	-2	0
0	-2	3	3	-1	0
0	-2	3	3	0	0
0	-2	3	3	1	0
0	-2	3	3	2	0
0	-2	3	3	3	0
0	-1	-3	-3	-3	0
0	-1	-3	-3	-2	0
0	-1	-3	-3	-1	0
0	-1	-3	-3	0	0
0	-1	-3	-3	1	0
0	-1	-3	-3	2	0
0	-1	-3	-3	3	0
0	-1	-3	-2	-3	0
0	-1	-3	-2	-2	0
0	-1	-3	-2	-1	0
0	-1	-3	-2	0	0
0	-1	-3	-2	1	0
0	-1	-3	-2	2	0
0	-1	-3	-2	3	0
0	-1	-3	-1	-3	0
0	-1	-3	-1	-2	0
0	-1	-3	-1	-1	0
0	-1	-3	-1	0	0
0	-1	-3	-1	1	0
0	-1	-3	-1	2	0
0	-1	-3	-1	3	0
0	-1	-3	0	-3	0
0	-1	-3	0	-2	0
0	-1	-3	0	-1	0
0	-1	-3	0	0	0
0	-1	-3	0	1	0
0	-1	-3	0	2	0
0	-1	-3	0	3	0
0	-1	-3	1	-3	0
0	-1	-3	1	-2	0
0	-1	-3	1	-1	0
0	-1	-3	1	0	0
0	-1	-3	1	1	0
0	-1	-3	1	2	0
0	-1	-3	1	3	0
0	-1	-3	2	-3	0
0	-1	-3	2	-2	0
0	-1	-3	2	-1	0
0	-1	-3	2	0	0
0	-1	-3	2	1	0
0	-1	-3	2	2	0
0	-1	-3	2	3	0
0	-1	-3	3	-3	0
0	-1	-3	3	-2	0
0	-1	-3	3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-1	-3	3	0	0
0	-1	-3	3	1	0
0	-1	-3	3	2	0
0	-1	-3	3	3	0
0	-1	-2	-3	-3	0
0	-1	-2	-3	-2	0
0	-1	-2	-3	-1	0
0	-1	-2	-3	0	0
0	-1	-2	-3	1	0
0	-1	-2	-3	2	0
0	-1	-2	-3	3	0
0	-1	-2	-2	-3	0
0	-1	-2	-2	-2	0
0	-1	-2	-2	-1	0
0	-1	-2	-2	0	0
0	-1	-2	-2	1	0
0	-1	-2	-2	2	0
0	-1	-2	-2	3	0
0	-1	-2	-1	-3	0
0	-1	-2	-1	-2	0
0	-1	-2	-1	-1	0
0	-1	-2	-1	0	0
0	-1	-2	-1	1	0
0	-1	-2	-1	2	0
0	-1	-2	-1	3	0
0	-1	-2	0	-3	0
0	-1	-2	0	-2	0
0	-1	-2	0	-1	0
0	-1	-2	0	0	0
0	-1	-2	0	1	0
0	-1	-2	0	2	0
0	-1	-2	0	3	0
0	-1	-2	1	-3	0
0	-1	-2	1	-2	0
0	-1	-2	1	-1	0
0	-1	-2	1	0	0
0	-1	-2	1	1	0
0	-1	-2	1	2	0
0	-1	-2	1	3	0
0	-1	-2	2	-3	0
0	-1	-2	2	-2	0
0	-1	-2	2	-1	0
0	-1	-2	2	0	0
0	-1	-2	2	1	0
0	-1	-2	2	2	0
0	-1	-2	2	3	0
0	-1	-2	3	-3	0
0	-1	-2	3	-2	0
0	-1	-2	3	-1	0
0	-1	-2	3	0	0
0	-1	-2	3	1	0
0	-1	-2	3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-1	-2	3	3	0
0	-1	-1	-3	-3	0
0	-1	-1	-3	-2	0
0	-1	-1	-3	-1	0
0	-1	-1	-3	0	0
0	-1	-1	-3	1	0
0	-1	-1	-3	2	0
0	-1	-1	-3	3	0
0	-1	-1	-2	-3	0
0	-1	-1	-2	-2	0
0	-1	-1	-2	-1	0
0	-1	-1	-2	0	0
0	-1	-1	-2	1	0
0	-1	-1	-2	2	0
0	-1	-1	-2	3	0
0	-1	-1	-1	-3	0
0	-1	-1	-1	-2	0
0	-1	-1	-1	-1	0
0	-1	-1	-1	0	0
0	-1	-1	-1	1	0
0	-1	-1	-1	2	0
0	-1	-1	-1	3	0
0	-1	-1	0	-3	0
0	-1	-1	0	-2	0
0	-1	-1	0	-1	0
0	-1	-1	0	0	0
0	-1	-1	0	1	0
0	-1	-1	0	2	0
0	-1	-1	0	3	0
0	-1	-1	1	-3	0
0	-1	-1	1	-2	0
0	-1	-1	1	-1	0
0	-1	-1	1	0	0
0	-1	-1	1	1	0
0	-1	-1	1	2	0
0	-1	-1	1	3	0
0	-1	-1	2	-3	0
0	-1	-1	2	-2	0
0	-1	-1	2	-1	0
0	-1	-1	2	0	0
0	-1	-1	2	1	0
0	-1	-1	2	2	0
0	-1	-1	2	3	0
0	-1	-1	3	-3	0
0	-1	-1	3	-2	0
0	-1	-1	3	-1	0
0	-1	-1	3	0	0
0	-1	-1	3	1	0
0	-1	-1	3	2	0
0	-1	-1	3	3	0
0	-1	0	-3	-3	0
0	-1	0	-3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-1	0	-3	-1	0
0	-1	0	-3	0	0
0	-1	0	-3	1	0
0	-1	0	-3	2	0
0	-1	0	-3	3	0
0	-1	0	-2	-3	0
0	-1	0	-2	-2	0
0	-1	0	-2	-1	0
0	-1	0	-2	0	0
0	-1	0	-2	1	0
0	-1	0	-2	2	0
0	-1	0	-2	3	0
0	-1	0	-1	-3	0
0	-1	0	-1	-2	0
0	-1	0	-1	-1	0
0	-1	0	-1	0	0
0	-1	0	-1	1	0
0	-1	0	-1	2	0
0	-1	0	-1	3	0
0	-1	0	0	-3	0
0	-1	0	0	-2	0
0	-1	0	0	-1	0
0	-1	0	0	0	0
0	-1	0	0	1	0
0	-1	0	0	2	0
0	-1	0	0	3	0
0	-1	0	1	-3	0
0	-1	0	1	-2	0
0	-1	0	1	-1	0
0	-1	0	1	0	0
0	-1	0	1	1	0
0	-1	0	1	2	0
0	-1	0	1	3	0
0	-1	0	2	-3	0
0	-1	0	2	-2	0
0	-1	0	2	-1	0
0	-1	0	2	0	0
0	-1	0	2	1	0
0	-1	0	2	2	0
0	-1	0	2	3	0
0	-1	0	3	-3	0
0	-1	0	3	-2	0
0	-1	0	3	-1	0
0	-1	0	3	0	0
0	-1	0	3	1	0
0	-1	0	3	2	0
0	-1	0	3	3	0
0	-1	1	-3	-3	0
0	-1	1	-3	-2	0
0	-1	1	-3	-1	0
0	-1	1	-3	0	0
0	-1	1	-3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-1	1	-3	2	0
0	-1	1	-3	3	0
0	-1	1	-2	-3	0
0	-1	1	-2	-2	0
0	-1	1	-2	-1	0
0	-1	1	-2	0	0
0	-1	1	-2	1	0
0	-1	1	-2	2	0
0	-1	1	-2	3	0
0	-1	1	-1	-3	0
0	-1	1	-1	-2	0
0	-1	1	-1	-1	0
0	-1	1	-1	0	0
0	-1	1	-1	1	0
0	-1	1	-1	2	0
0	-1	1	-1	3	0
0	-1	1	0	-3	0
0	-1	1	0	-2	0
0	-1	1	0	-1	0
0	-1	1	0	0	0
0	-1	1	0	1	0
0	-1	1	0	2	0
0	-1	1	0	3	0
0	-1	1	1	-3	0
0	-1	1	1	-2	0
0	-1	1	1	-1	0
0	-1	1	1	0	0
0	-1	1	1	1	0
0	-1	1	1	2	0
0	-1	1	1	3	0
0	-1	1	2	-3	0
0	-1	1	2	-2	0
0	-1	1	2	-1	0
0	-1	1	2	0	0
0	-1	1	2	1	0
0	-1	1	2	2	0
0	-1	1	2	3	0
0	-1	1	3	-3	0
0	-1	1	3	-2	0
0	-1	1	3	-1	0
0	-1	1	3	0	0
0	-1	1	3	1	0
0	-1	1	3	2	0
0	-1	1	3	3	0
0	-1	2	-3	-3	0
0	-1	2	-3	-2	0
0	-1	2	-3	-1	0
0	-1	2	-3	0	0
0	-1	2	-3	1	0
0	-1	2	-3	2	0
0	-1	2	-3	3	0
0	-1	2	-2	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-1	2	-2	-2	0
0	-1	2	-2	-1	0
0	-1	2	-2	0	0
0	-1	2	-2	1	0
0	-1	2	-2	2	0
0	-1	2	-2	3	0
0	-1	2	-1	-3	0
0	-1	2	-1	-2	0
0	-1	2	-1	-1	0
0	-1	2	-1	0	0
0	-1	2	-1	1	0
0	-1	2	-1	2	0
0	-1	2	-1	3	0
0	-1	2	0	-3	0
0	-1	2	0	-2	0
0	-1	2	0	-1	0
0	-1	2	0	0	0
0	-1	2	0	1	0
0	-1	2	0	2	0
0	-1	2	0	3	0
0	-1	2	1	-3	0
0	-1	2	1	-2	0
0	-1	2	1	-1	0
0	-1	2	1	0	0
0	-1	2	1	1	0
0	-1	2	1	2	0
0	-1	2	1	3	0
0	-1	2	2	-3	0
0	-1	2	2	-2	0
0	-1	2	2	-1	0
0	-1	2	2	0	0
0	-1	2	2	1	0
0	-1	2	2	2	0
0	-1	2	2	3	0
0	-1	2	3	-3	0
0	-1	2	3	-2	0
0	-1	2	3	-1	0
0	-1	2	3	0	0
0	-1	2	3	1	0
0	-1	2	3	2	0
0	-1	2	3	3	0
0	-1	3	-3	-3	0
0	-1	3	-3	-2	0
0	-1	3	-3	-1	0
0	-1	3	-3	0	0
0	-1	3	-3	1	0
0	-1	3	-3	2	0
0	-1	3	-3	3	0
0	-1	3	-2	-3	0
0	-1	3	-2	-2	0
0	-1	3	-2	-1	0
0	-1	3	-2	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	-1	3	-2	1	0
0	-1	3	-2	2	0
0	-1	3	-2	3	0
0	-1	3	-1	-3	0
0	-1	3	-1	-2	0
0	-1	3	-1	-1	0
0	-1	3	-1	0	0
0	-1	3	-1	1	0
0	-1	3	-1	2	0
0	-1	3	-1	3	0
0	-1	3	0	-3	0
0	-1	3	0	-2	0
0	-1	3	0	-1	0
0	-1	3	0	0	0
0	-1	3	0	1	0
0	-1	3	0	2	0
0	-1	3	0	3	0
0	-1	3	1	-3	0
0	-1	3	1	-2	0
0	-1	3	1	-1	0
0	-1	3	1	0	0
0	-1	3	1	1	0
0	-1	3	1	2	0
0	-1	3	1	3	0
0	-1	3	2	-3	0
0	-1	3	2	-2	0
0	-1	3	2	-1	0
0	-1	3	2	0	0
0	-1	3	2	1	0
0	-1	3	2	2	0
0	-1	3	2	3	0
0	-1	3	3	-3	0
0	-1	3	3	-2	0
0	-1	3	3	-1	0
0	-1	3	3	0	0
0	-1	3	3	1	0
0	-1	3	3	2	0
0	-1	3	3	3	0
0	0	-3	-3	-3	0
0	0	-3	-3	-2	0
0	0	-3	-3	-1	0
0	0	-3	-3	0	0
0	0	-3	-3	1	0
0	0	-3	-3	2	0
0	0	-3	-3	3	0
0	0	-3	-2	-3	0
0	0	-3	-2	-2	0
0	0	-3	-2	-1	0
0	0	-3	-2	0	0
0	0	-3	-2	1	0
0	0	-3	-2	2	0
0	0	-3	-2	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	-3	-1	-3	0
0	0	-3	-1	-2	0
0	0	-3	-1	-1	0
0	0	-3	-1	0	0
0	0	-3	-1	1	0
0	0	-3	-1	2	0
0	0	-3	-1	3	0
0	0	-3	0	-3	0
0	0	-3	0	-2	0
0	0	-3	0	-1	0
0	0	-3	0	0	0
0	0	-3	0	1	0
0	0	-3	0	2	0
0	0	-3	0	3	0
0	0	-3	1	-3	0
0	0	-3	1	-2	0
0	0	-3	1	-1	0
0	0	-3	1	0	0
0	0	-3	1	1	0
0	0	-3	1	2	0
0	0	-3	1	3	0
0	0	-3	2	-3	0
0	0	-3	2	-2	0
0	0	-3	2	-1	0
0	0	-3	2	0	0
0	0	-3	2	1	0
0	0	-3	2	2	0
0	0	-3	2	3	0
0	0	-3	3	-3	0
0	0	-3	3	-2	0
0	0	-3	3	-1	0
0	0	-3	3	0	0
0	0	-3	3	1	0
0	0	-3	3	2	0
0	0	-3	3	3	0
0	0	-2	-3	-3	0
0	0	-2	-3	-2	0
0	0	-2	-3	-1	0
0	0	-2	-3	0	0
0	0	-2	-3	1	0
0	0	-2	-3	2	0
0	0	-2	-3	3	0
0	0	-2	-2	-3	0
0	0	-2	-2	-2	0
0	0	-2	-2	-1	0
0	0	-2	-2	0	0
0	0	-2	-2	1	0
0	0	-2	-2	2	0
0	0	-2	-2	3	0
0	0	-2	-1	-3	0
0	0	-2	-1	-2	0
0	0	-2	-1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	-2	-1	0	0
0	0	-2	-1	1	0
0	0	-2	-1	2	0
0	0	-2	-1	3	0
0	0	-2	0	-3	0
0	0	-2	0	-2	0
0	0	-2	0	-1	0
0	0	-2	0	0	0
0	0	-2	0	1	0
0	0	-2	0	2	0
0	0	-2	0	3	0
0	0	-2	1	-3	0
0	0	-2	1	-2	0
0	0	-2	1	-1	0
0	0	-2	1	0	0
0	0	-2	1	1	0
0	0	-2	1	2	0
0	0	-2	1	3	0
0	0	-2	2	-3	0
0	0	-2	2	-2	0
0	0	-2	2	-1	0
0	0	-2	2	0	0
0	0	-2	2	1	0
0	0	-2	2	2	0
0	0	-2	2	3	0
0	0	-2	3	-3	0
0	0	-2	3	-2	0
0	0	-2	3	-1	0
0	0	-2	3	0	0
0	0	-2	3	1	0
0	0	-2	3	2	0
0	0	-2	3	3	0
0	0	-1	-3	-3	0
0	0	-1	-3	-2	0
0	0	-1	-3	-1	0
0	0	-1	-3	0	0
0	0	-1	-3	1	0
0	0	-1	-3	2	0
0	0	-1	-3	3	0
0	0	-1	-2	-3	0
0	0	-1	-2	-2	0
0	0	-1	-2	-1	0
0	0	-1	-2	0	0
0	0	-1	-2	1	0
0	0	-1	-2	2	0
0	0	-1	-2	3	0
0	0	-1	-1	-3	0
0	0	-1	-1	-2	0
0	0	-1	-1	-1	0
0	0	-1	-1	0	0
0	0	-1	-1	1	0
0	0	-1	-1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	-1	-1	3	0
0	0	-1	0	-3	0
0	0	-1	0	-2	0
0	0	-1	0	-1	0
0	0	-1	0	0	0
0	0	-1	0	1	0
0	0	-1	0	2	0
0	0	-1	0	3	0
0	0	-1	1	-3	0
0	0	-1	1	-2	0
0	0	-1	1	-1	0
0	0	-1	1	0	0
0	0	-1	1	1	0
0	0	-1	1	2	0
0	0	-1	1	3	0
0	0	-1	2	-3	0
0	0	-1	2	-2	0
0	0	-1	2	-1	0
0	0	-1	2	0	0
0	0	-1	2	1	0
0	0	-1	2	2	0
0	0	-1	2	3	0
0	0	-1	3	-3	0
0	0	-1	3	-2	0
0	0	-1	3	-1	0
0	0	-1	3	0	0
0	0	-1	3	1	0
0	0	-1	3	2	0
0	0	-1	3	3	0
0	0	0	-3	-3	0
0	0	0	-3	-2	0
0	0	0	-3	-1	0
0	0	0	-3	0	0
0	0	0	-3	1	0
0	0	0	-3	2	0
0	0	0	-3	3	0
0	0	0	-2	-3	0
0	0	0	-2	-2	0
0	0	0	-2	-1	0
0	0	0	-2	0	0
0	0	0	-2	1	0
0	0	0	-2	2	0
0	0	0	-2	3	0
0	0	0	-1	-3	0
0	0	0	-1	-2	0
0	0	0	-1	-1	0
0	0	0	-1	0	0
0	0	0	-1	1	0
0	0	0	-1	2	0
0	0	0	-1	3	0
0	0	0	0	-3	0
0	0	0	0	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	0	0	-1	0
0	0	0	0	0	0
0	0	0	0	1	0
0	0	0	0	2	0
0	0	0	0	3	0
0	0	0	1	-3	0
0	0	0	1	-2	0
0	0	0	1	-1	0
0	0	0	1	0	0
0	0	0	1	1	0
0	0	0	1	2	0
0	0	0	1	3	0
0	0	0	2	-3	0
0	0	0	2	-2	0
0	0	0	2	-1	0
0	0	0	2	0	0
0	0	0	2	1	0
0	0	0	2	2	0
0	0	0	2	3	0
0	0	0	3	-3	0
0	0	0	3	-2	0
0	0	0	3	-1	0
0	0	0	3	0	0
0	0	0	3	1	0
0	0	0	3	2	0
0	0	0	3	3	0
0	0	1	-3	-3	0
0	0	1	-3	-2	0
0	0	1	-3	-1	0
0	0	1	-3	0	0
0	0	1	-3	1	0
0	0	1	-3	2	0
0	0	1	-3	3	0
0	0	1	-2	-3	0
0	0	1	-2	-2	0
0	0	1	-2	-1	0
0	0	1	-2	0	0
0	0	1	-2	1	0
0	0	1	-2	2	0
0	0	1	-2	3	0
0	0	1	-1	-3	0
0	0	1	-1	-2	0
0	0	1	-1	-1	0
0	0	1	-1	0	0
0	0	1	-1	1	0
0	0	1	-1	2	0
0	0	1	-1	3	0
0	0	1	0	-3	0
0	0	1	0	-2	0
0	0	1	0	-1	0
0	0	1	0	0	0
0	0	1	0	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	1	0	2	0
0	0	1	0	3	0
0	0	1	1	-3	0
0	0	1	1	-2	0
0	0	1	1	-1	0
0	0	1	1	0	0
0	0	1	1	1	0
0	0	1	1	2	0
0	0	1	1	3	0
0	0	1	2	-3	0
0	0	1	2	-2	0
0	0	1	2	-1	0
0	0	1	2	0	0
0	0	1	2	1	0
0	0	1	2	2	0
0	0	1	2	3	0
0	0	1	3	-3	0
0	0	1	3	-2	0
0	0	1	3	-1	0
0	0	1	3	0	0
0	0	1	3	1	0
0	0	1	3	2	0
0	0	1	3	3	0
0	0	2	-3	-3	0
0	0	2	-3	-2	0
0	0	2	-3	-1	0
0	0	2	-3	0	0
0	0	2	-3	1	0
0	0	2	-3	2	0
0	0	2	-3	3	0
0	0	2	-2	-3	0
0	0	2	-2	-2	0
0	0	2	-2	-1	0
0	0	2	-2	0	0
0	0	2	-2	1	0
0	0	2	-2	2	0
0	0	2	-2	3	0
0	0	2	-1	-3	0
0	0	2	-1	-2	0
0	0	2	-1	-1	0
0	0	2	-1	0	0
0	0	2	-1	1	0
0	0	2	-1	2	0
0	0	2	-1	3	0
0	0	2	0	-3	0
0	0	2	0	-2	0
0	0	2	0	-1	0
0	0	2	0	0	0
0	0	2	0	1	0
0	0	2	0	2	0
0	0	2	0	3	0
0	0	2	1	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	2	1	-2	0
0	0	2	1	-1	0
0	0	2	1	0	0
0	0	2	1	1	0
0	0	2	1	2	0
0	0	2	1	3	0
0	0	2	2	-3	0
0	0	2	2	-2	0
0	0	2	2	-1	0
0	0	2	2	0	0
0	0	2	2	1	0
0	0	2	2	2	0
0	0	2	2	3	0
0	0	2	3	-3	0
0	0	2	3	-2	0
0	0	2	3	-1	0
0	0	2	3	0	0
0	0	2	3	1	0
0	0	2	3	2	0
0	0	2	3	3	0
0	0	3	-3	-3	0
0	0	3	-3	-2	0
0	0	3	-3	-1	0
0	0	3	-3	0	0
0	0	3	-3	1	0
0	0	3	-3	2	0
0	0	3	-3	3	0
0	0	3	-2	-3	0
0	0	3	-2	-2	0
0	0	3	-2	-1	0
0	0	3	-2	0	0
0	0	3	-2	1	0
0	0	3	-2	2	0
0	0	3	-2	3	0
0	0	3	-1	-3	0
0	0	3	-1	-2	0
0	0	3	-1	-1	0
0	0	3	-1	0	0
0	0	3	-1	1	0
0	0	3	-1	2	0
0	0	3	-1	3	0
0	0	3	0	-3	0
0	0	3	0	-2	0
0	0	3	0	-1	0
0	0	3	0	0	0
0	0	3	0	1	0
0	0	3	0	2	0
0	0	3	0	3	0
0	0	3	1	-3	0
0	0	3	1	-2	0
0	0	3	1	-1	0
0	0	3	1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	0	3	1	1	0
0	0	3	1	2	0
0	0	3	1	3	0
0	0	3	2	-3	0
0	0	3	2	-2	0
0	0	3	2	-1	0
0	0	3	2	0	0
0	0	3	2	1	0
0	0	3	2	2	0
0	0	3	2	3	0
0	0	3	3	-3	0
0	0	3	3	-2	0
0	0	3	3	-1	0
0	0	3	3	0	0
0	0	3	3	1	0
0	0	3	3	2	0
0	0	3	3	3	0
0	1	-3	-3	-3	0
0	1	-3	-3	-2	0
0	1	-3	-3	-1	0
0	1	-3	-3	0	0
0	1	-3	-3	1	0
0	1	-3	-3	2	0
0	1	-3	-3	3	0
0	1	-3	-2	-3	0
0	1	-3	-2	-2	0
0	1	-3	-2	-1	0
0	1	-3	-2	0	0
0	1	-3	-2	1	0
0	1	-3	-2	2	0
0	1	-3	-2	3	0
0	1	-3	-1	-3	0
0	1	-3	-1	-2	0
0	1	-3	-1	-1	0
0	1	-3	-1	0	0
0	1	-3	-1	1	0
0	1	-3	-1	2	0
0	1	-3	-1	3	0
0	1	-3	0	-3	0
0	1	-3	0	-2	0
0	1	-3	0	-1	0
0	1	-3	0	0	0
0	1	-3	0	1	0
0	1	-3	0	2	0
0	1	-3	0	3	0
0	1	-3	1	-3	0
0	1	-3	1	-2	0
0	1	-3	1	-1	0
0	1	-3	1	0	0
0	1	-3	1	1	0
0	1	-3	1	2	0
0	1	-3	1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	1	-3	2	-3	0
0	1	-3	2	-2	0
0	1	-3	2	-1	0
0	1	-3	2	0	0
0	1	-3	2	1	0
0	1	-3	2	2	0
0	1	-3	2	3	0
0	1	-3	3	-3	0
0	1	-3	3	-2	0
0	1	-3	3	-1	0
0	1	-3	3	0	0
0	1	-3	3	1	0
0	1	-3	3	2	0
0	1	-3	3	3	0
0	1	-2	-3	-3	0
0	1	-2	-3	-2	0
0	1	-2	-3	-1	0
0	1	-2	-3	0	0
0	1	-2	-3	1	0
0	1	-2	-3	2	0
0	1	-2	-3	3	0
0	1	-2	-2	-3	0
0	1	-2	-2	-2	0
0	1	-2	-2	-1	0
0	1	-2	-2	0	0
0	1	-2	-2	1	0
0	1	-2	-2	2	0
0	1	-2	-2	3	0
0	1	-2	-1	-3	0
0	1	-2	-1	-2	0
0	1	-2	-1	-1	0
0	1	-2	-1	0	0
0	1	-2	-1	1	0
0	1	-2	-1	2	0
0	1	-2	-1	3	0
0	1	-2	0	-3	0
0	1	-2	0	-2	0
0	1	-2	0	-1	0
0	1	-2	0	0	0
0	1	-2	0	1	0
0	1	-2	0	2	0
0	1	-2	0	3	0
0	1	-2	1	-3	0
0	1	-2	1	-2	0
0	1	-2	1	-1	0
0	1	-2	1	0	0
0	1	-2	1	1	0
0	1	-2	1	2	0
0	1	-2	1	3	0
0	1	-2	2	-3	0
0	1	-2	2	-2	0
0	1	-2	2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	1	-2	2	0	0
0	1	-2	2	1	0
0	1	-2	2	2	0
0	1	-2	2	3	0
0	1	-2	3	-3	0
0	1	-2	3	-2	0
0	1	-2	3	-1	0
0	1	-2	3	0	0
0	1	-2	3	1	0
0	1	-2	3	2	0
0	1	-2	3	3	0
0	1	-1	-3	-3	0
0	1	-1	-3	-2	0
0	1	-1	-3	-1	0
0	1	-1	-3	0	0
0	1	-1	-3	1	0
0	1	-1	-3	2	0
0	1	-1	-3	3	0
0	1	-1	-2	-3	0
0	1	-1	-2	-2	0
0	1	-1	-2	-1	0
0	1	-1	-2	0	0
0	1	-1	-2	1	0
0	1	-1	-2	2	0
0	1	-1	-2	3	0
0	1	-1	-1	-3	0
0	1	-1	-1	-2	0
0	1	-1	-1	-1	0
0	1	-1	-1	0	0
0	1	-1	-1	1	0
0	1	-1	-1	2	0
0	1	-1	-1	3	0
0	1	-1	0	-3	0
0	1	-1	0	-2	0
0	1	-1	0	-1	0
0	1	-1	0	0	0
0	1	-1	0	1	0
0	1	-1	0	2	0
0	1	-1	0	3	0
0	1	-1	1	-3	0
0	1	-1	1	-2	0
0	1	-1	1	-1	0
0	1	-1	1	0	0
0	1	-1	1	1	0
0	1	-1	1	2	0
0	1	-1	1	3	0
0	1	-1	2	-3	0
0	1	-1	2	-2	0
0	1	-1	2	-1	0
0	1	-1	2	0	0
0	1	-1	2	1	0
0	1	-1	2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	1	-1	2	3	0
0	1	-1	3	-3	0
0	1	-1	3	-2	0
0	1	-1	3	-1	0
0	1	-1	3	0	0
0	1	-1	3	1	0
0	1	-1	3	2	0
0	1	-1	3	3	0
0	1	0	-3	-3	0
0	1	0	-3	-2	0
0	1	0	-3	-1	0
0	1	0	-3	0	0
0	1	0	-3	1	0
0	1	0	-3	2	0
0	1	0	-3	3	0
0	1	0	-2	-3	0
0	1	0	-2	-2	0
0	1	0	-2	-1	0
0	1	0	-2	0	0
0	1	0	-2	1	0
0	1	0	-2	2	0
0	1	0	-2	3	0
0	1	0	-1	-3	0
0	1	0	-1	-2	0
0	1	0	-1	-1	0
0	1	0	-1	0	0
0	1	0	-1	1	0
0	1	0	-1	2	0
0	1	0	-1	3	0
0	1	0	0	-3	0
0	1	0	0	-2	0
0	1	0	0	-1	0
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	0	2	0
0	1	0	0	3	0
0	1	0	1	-3	0
0	1	0	1	-2	0
0	1	0	1	-1	0
0	1	0	1	0	0
0	1	0	1	1	0
0	1	0	1	2	0
0	1	0	1	3	0
0	1	0	2	-3	0
0	1	0	2	-2	0
0	1	0	2	-1	0
0	1	0	2	0	0
0	1	0	2	1	0
0	1	0	2	2	0
0	1	0	2	3	0
0	1	0	3	-3	0
0	1	0	3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	1	0	3	-1	0
0	1	0	3	0	0
0	1	0	3	1	0
0	1	0	3	2	0
0	1	0	3	3	0
0	1	1	-3	-3	0
0	1	1	-3	-2	0
0	1	1	-3	-1	0
0	1	1	-3	0	0
0	1	1	-3	1	0
0	1	1	-3	2	0
0	1	1	-3	3	0
0	1	1	-2	-3	0
0	1	1	-2	-2	0
0	1	1	-2	-1	0
0	1	1	-2	0	0
0	1	1	-2	1	0
0	1	1	-2	2	0
0	1	1	-2	3	0
0	1	1	-1	-3	0
0	1	1	-1	-2	0
0	1	1	-1	-1	0
0	1	1	-1	0	0
0	1	1	-1	1	0
0	1	1	-1	2	0
0	1	1	-1	3	0
0	1	1	0	-3	0
0	1	1	0	-2	0
0	1	1	0	-1	0
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	0	2	0
0	1	1	0	3	0
0	1	1	1	-3	0
0	1	1	1	-2	0
0	1	1	1	-1	0
0	1	1	1	0	0
0	1	1	1	1	0
0	1	1	1	2	0
0	1	1	1	3	0
0	1	1	2	-3	0
0	1	1	2	-2	0
0	1	1	2	-1	0
0	1	1	2	0	0
0	1	1	2	1	0
0	1	1	2	2	0
0	1	1	2	3	0
0	1	1	3	-3	0
0	1	1	3	-2	0
0	1	1	3	-1	0
0	1	1	3	0	0
0	1	1	3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	1	1	3	2	0
0	1	1	3	3	0
0	1	2	-3	-3	0
0	1	2	-3	-2	0
0	1	2	-3	-1	0
0	1	2	-3	0	0
0	1	2	-3	1	0
0	1	2	-3	2	0
0	1	2	-3	3	0
0	1	2	-2	-3	0
0	1	2	-2	-2	0
0	1	2	-2	-1	0
0	1	2	-2	0	0
0	1	2	-2	1	0
0	1	2	-2	2	0
0	1	2	-2	3	0
0	1	2	-1	-3	0
0	1	2	-1	-2	0
0	1	2	-1	-1	0
0	1	2	-1	0	0
0	1	2	-1	1	0
0	1	2	-1	2	0
0	1	2	-1	3	0
0	1	2	0	-3	0
0	1	2	0	-2	0
0	1	2	0	-1	0
0	1	2	0	0	0
0	1	2	0	1	0
0	1	2	0	2	0
0	1	2	0	3	0
0	1	2	1	-3	0
0	1	2	1	-2	0
0	1	2	1	-1	0
0	1	2	1	0	0
0	1	2	1	1	0
0	1	2	1	2	0
0	1	2	1	3	0
0	1	2	2	-3	0
0	1	2	2	-2	0
0	1	2	2	-1	0
0	1	2	2	0	0
0	1	2	2	1	0
0	1	2	2	2	0
0	1	2	2	3	0
0	1	2	3	-3	0
0	1	2	3	-2	0
0	1	2	3	-1	0
0	1	2	3	0	0
0	1	2	3	1	0
0	1	2	3	2	0
0	1	2	3	3	0
0	1	3	-3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	1	3	-3	-2	0
0	1	3	-3	-1	0
0	1	3	-3	0	0
0	1	3	-3	1	0
0	1	3	-3	2	0
0	1	3	-3	3	0
0	1	3	-2	-3	0
0	1	3	-2	-2	0
0	1	3	-2	-1	0
0	1	3	-2	0	0
0	1	3	-2	1	0
0	1	3	-2	2	0
0	1	3	-2	3	0
0	1	3	-1	-3	0
0	1	3	-1	-2	0
0	1	3	-1	-1	0
0	1	3	-1	0	0
0	1	3	-1	1	0
0	1	3	-1	2	0
0	1	3	-1	3	0
0	1	3	0	-3	0
0	1	3	0	-2	0
0	1	3	0	-1	0
0	1	3	0	0	0
0	1	3	0	1	0
0	1	3	0	2	0
0	1	3	0	3	0
0	1	3	1	-3	0
0	1	3	1	-2	0
0	1	3	1	-1	0
0	1	3	1	0	0
0	1	3	1	1	0
0	1	3	1	2	0
0	1	3	1	3	0
0	1	3	2	-3	0
0	1	3	2	-2	0
0	1	3	2	-1	0
0	1	3	2	0	0
0	1	3	2	1	0
0	1	3	2	2	0
0	1	3	2	3	0
0	1	3	3	-3	0
0	1	3	3	-2	0
0	1	3	3	-1	0
0	1	3	3	0	0
0	1	3	3	1	0
0	1	3	3	2	0
0	1	3	3	3	0
0	2	-3	-3	-3	0
0	2	-3	-3	-2	0
0	2	-3	-3	-1	0
0	2	-3	-3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	-3	-3	1	0
0	2	-3	-3	2	0
0	2	-3	-3	3	0
0	2	-3	-2	-3	0
0	2	-3	-2	-2	0
0	2	-3	-2	-1	0
0	2	-3	-2	0	0
0	2	-3	-2	1	0
0	2	-3	-2	2	0
0	2	-3	-2	3	0
0	2	-3	-1	-3	0
0	2	-3	-1	-2	0
0	2	-3	-1	-1	0
0	2	-3	-1	0	0
0	2	-3	-1	1	0
0	2	-3	-1	2	0
0	2	-3	-1	3	0
0	2	-3	0	-3	0
0	2	-3	0	-2	0
0	2	-3	0	-1	0
0	2	-3	0	0	0
0	2	-3	0	1	0
0	2	-3	0	2	0
0	2	-3	0	3	0
0	2	-3	1	-3	0
0	2	-3	1	-2	0
0	2	-3	1	-1	0
0	2	-3	1	0	0
0	2	-3	1	1	0
0	2	-3	1	2	0
0	2	-3	1	3	0
0	2	-3	2	-3	0
0	2	-3	2	-2	0
0	2	-3	2	-1	0
0	2	-3	2	0	0
0	2	-3	2	1	0
0	2	-3	2	2	0
0	2	-3	2	3	0
0	2	-3	3	-3	0
0	2	-3	3	-2	0
0	2	-3	3	-1	0
0	2	-3	3	0	0
0	2	-3	3	1	0
0	2	-3	3	2	0
0	2	-3	3	3	0
0	2	-2	-3	-3	0
0	2	-2	-3	-2	0
0	2	-2	-3	-1	0
0	2	-2	-3	0	0
0	2	-2	-3	1	0
0	2	-2	-3	2	0
0	2	-2	-3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	-2	-2	-3	0
0	2	-2	-2	-2	0
0	2	-2	-2	-1	0
0	2	-2	-2	0	0
0	2	-2	-2	1	0
0	2	-2	-2	2	0
0	2	-2	-2	3	0
0	2	-2	-1	-3	0
0	2	-2	-1	-2	0
0	2	-2	-1	-1	0
0	2	-2	-1	0	0
0	2	-2	-1	1	0
0	2	-2	-1	2	0
0	2	-2	-1	3	0
0	2	-2	0	-3	0
0	2	-2	0	-2	0
0	2	-2	0	-1	0
0	2	-2	0	0	0
0	2	-2	0	1	0
0	2	-2	0	2	0
0	2	-2	0	3	0
0	2	-2	1	-3	0
0	2	-2	1	-2	0
0	2	-2	1	-1	0
0	2	-2	1	0	0
0	2	-2	1	1	0
0	2	-2	1	2	0
0	2	-2	1	3	0
0	2	-2	2	-3	0
0	2	-2	2	-2	0
0	2	-2	2	-1	0
0	2	-2	2	0	0
0	2	-2	2	1	0
0	2	-2	2	2	0
0	2	-2	2	3	0
0	2	-2	3	-3	0
0	2	-2	3	-2	0
0	2	-2	3	-1	0
0	2	-2	3	0	0
0	2	-2	3	1	0
0	2	-2	3	2	0
0	2	-2	3	3	0
0	2	-1	-3	-3	0
0	2	-1	-3	-2	0
0	2	-1	-3	-1	0
0	2	-1	-3	0	0
0	2	-1	-3	1	0
0	2	-1	-3	2	0
0	2	-1	-3	3	0
0	2	-1	-2	-3	0
0	2	-1	-2	-2	0
0	2	-1	-2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	-1	-2	0	0
0	2	-1	-2	1	0
0	2	-1	-2	2	0
0	2	-1	-2	3	0
0	2	-1	-1	-3	0
0	2	-1	-1	-2	0
0	2	-1	-1	-1	0
0	2	-1	-1	0	0
0	2	-1	-1	1	0
0	2	-1	-1	2	0
0	2	-1	-1	3	0
0	2	-1	0	-3	0
0	2	-1	0	-2	0
0	2	-1	0	-1	0
0	2	-1	0	0	0
0	2	-1	0	1	0
0	2	-1	0	2	0
0	2	-1	0	3	0
0	2	-1	1	-3	0
0	2	-1	1	-2	0
0	2	-1	1	-1	0
0	2	-1	1	0	0
0	2	-1	1	1	0
0	2	-1	1	2	0
0	2	-1	1	3	0
0	2	-1	2	-3	0
0	2	-1	2	-2	0
0	2	-1	2	-1	0
0	2	-1	2	0	0
0	2	-1	2	1	0
0	2	-1	2	2	0
0	2	-1	2	3	0
0	2	-1	3	-3	0
0	2	-1	3	-2	0
0	2	-1	3	-1	0
0	2	-1	3	0	0
0	2	-1	3	1	0
0	2	-1	3	2	0
0	2	-1	3	3	0
0	2	0	-3	-3	0
0	2	0	-3	-2	0
0	2	0	-3	-1	0
0	2	0	-3	0	0
0	2	0	-3	1	0
0	2	0	-3	2	0
0	2	0	-3	3	0
0	2	0	-2	-3	0
0	2	0	-2	-2	0
0	2	0	-2	-1	0
0	2	0	-2	0	0
0	2	0	-2	1	0
0	2	0	-2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	0	-2	3	0
0	2	0	-1	-3	0
0	2	0	-1	-2	0
0	2	0	-1	-1	0
0	2	0	-1	0	0
0	2	0	-1	1	0
0	2	0	-1	2	0
0	2	0	-1	3	0
0	2	0	0	-3	0
0	2	0	0	-2	0
0	2	0	0	-1	0
0	2	0	0	0	0
0	2	0	0	1	0
0	2	0	0	2	0
0	2	0	0	3	0
0	2	0	1	-3	0
0	2	0	1	-2	0
0	2	0	1	-1	0
0	2	0	1	0	0
0	2	0	1	1	0
0	2	0	1	2	0
0	2	0	1	3	0
0	2	0	2	-3	0
0	2	0	2	-2	0
0	2	0	2	-1	0
0	2	0	2	0	0
0	2	0	2	1	0
0	2	0	2	2	0
0	2	0	2	3	0
0	2	0	3	-3	0
0	2	0	3	-2	0
0	2	0	3	-1	0
0	2	0	3	0	0
0	2	0	3	1	0
0	2	0	3	2	0
0	2	0	3	3	0
0	2	1	-3	-3	0
0	2	1	-3	-2	0
0	2	1	-3	-1	0
0	2	1	-3	0	0
0	2	1	-3	1	0
0	2	1	-3	2	0
0	2	1	-3	3	0
0	2	1	-2	-3	0
0	2	1	-2	-2	0
0	2	1	-2	-1	0
0	2	1	-2	0	0
0	2	1	-2	1	0
0	2	1	-2	2	0
0	2	1	-2	3	0
0	2	1	-1	-3	0
0	2	1	-1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	1	-1	-1	0
0	2	1	-1	0	0
0	2	1	-1	1	0
0	2	1	-1	2	0
0	2	1	-1	3	0
0	2	1	0	-3	0
0	2	1	0	-2	0
0	2	1	0	-1	0
0	2	1	0	0	0
0	2	1	0	1	0
0	2	1	0	2	0
0	2	1	0	3	0
0	2	1	1	-3	0
0	2	1	1	-2	0
0	2	1	1	-1	0
0	2	1	1	0	0
0	2	1	1	1	0
0	2	1	1	2	0
0	2	1	1	3	0
0	2	1	2	-3	0
0	2	1	2	-2	0
0	2	1	2	-1	0
0	2	1	2	0	0
0	2	1	2	1	0
0	2	1	2	2	0
0	2	1	2	3	0
0	2	1	3	-3	0
0	2	1	3	-2	0
0	2	1	3	-1	0
0	2	1	3	0	0
0	2	1	3	1	0
0	2	1	3	2	0
0	2	1	3	3	0
0	2	2	-3	-3	0
0	2	2	-3	-2	0
0	2	2	-3	-1	0
0	2	2	-3	0	0
0	2	2	-3	1	0
0	2	2	-3	2	0
0	2	2	-3	3	0
0	2	2	-2	-3	0
0	2	2	-2	-2	0
0	2	2	-2	-1	0
0	2	2	-2	0	0
0	2	2	-2	1	0
0	2	2	-2	2	0
0	2	2	-2	3	0
0	2	2	-1	-3	0
0	2	2	-1	-2	0
0	2	2	-1	-1	0
0	2	2	-1	0	0
0	2	2	-1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	2	-1	2	0
0	2	2	-1	3	0
0	2	2	0	-3	0
0	2	2	0	-2	0
0	2	2	0	-1	0
0	2	2	0	0	0
0	2	2	0	1	0
0	2	2	0	2	0
0	2	2	0	3	0
0	2	2	1	-3	0
0	2	2	1	-2	0
0	2	2	1	-1	0
0	2	2	1	0	0
0	2	2	1	1	0
0	2	2	1	2	0
0	2	2	1	3	0
0	2	2	2	-3	0
0	2	2	2	-2	0
0	2	2	2	-1	0
0	2	2	2	0	0
0	2	2	2	1	0
0	2	2	2	2	0
0	2	2	2	3	0
0	2	2	3	-3	0
0	2	2	3	-2	0
0	2	2	3	-1	0
0	2	2	3	0	0
0	2	2	3	1	0
0	2	2	3	2	0
0	2	2	3	3	0
0	2	3	-3	-3	0
0	2	3	-3	-2	0
0	2	3	-3	-1	0
0	2	3	-3	0	0
0	2	3	-3	1	0
0	2	3	-3	2	0
0	2	3	-3	3	0
0	2	3	-2	-3	0
0	2	3	-2	-2	0
0	2	3	-2	-1	0
0	2	3	-2	0	0
0	2	3	-2	1	0
0	2	3	-2	2	0
0	2	3	-2	3	0
0	2	3	-1	-3	0
0	2	3	-1	-2	0
0	2	3	-1	-1	0
0	2	3	-1	0	0
0	2	3	-1	1	0
0	2	3	-1	2	0
0	2	3	-1	3	0
0	2	3	0	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	2	3	0	-2	0
0	2	3	0	-1	0
0	2	3	0	0	0
0	2	3	0	1	0
0	2	3	0	2	0
0	2	3	0	3	0
0	2	3	1	-3	0
0	2	3	1	-2	0
0	2	3	1	-1	0
0	2	3	1	0	0
0	2	3	1	1	0
0	2	3	1	2	0
0	2	3	1	3	0
0	2	3	2	-3	0
0	2	3	2	-2	0
0	2	3	2	-1	0
0	2	3	2	0	0
0	2	3	2	1	0
0	2	3	2	2	0
0	2	3	2	3	0
0	2	3	3	-3	0
0	2	3	3	-2	0
0	2	3	3	-1	0
0	2	3	3	0	0
0	2	3	3	1	0
0	2	3	3	2	0
0	2	3	3	3	0
0	3	-3	-3	-3	0
0	3	-3	-3	-2	0
0	3	-3	-3	-1	0
0	3	-3	-3	0	0
0	3	-3	-3	1	0
0	3	-3	-3	2	0
0	3	-3	-3	3	0
0	3	-3	-2	-3	0
0	3	-3	-2	-2	0
0	3	-3	-2	-1	0
0	3	-3	-2	0	0
0	3	-3	-2	1	0
0	3	-3	-2	2	0
0	3	-3	-2	3	0
0	3	-3	-1	-3	0
0	3	-3	-1	-2	0
0	3	-3	-1	-1	0
0	3	-3	-1	0	0
0	3	-3	-1	1	0
0	3	-3	-1	2	0
0	3	-3	-1	3	0
0	3	-3	0	-3	0
0	3	-3	0	-2	0
0	3	-3	0	-1	0
0	3	-3	0	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	-3	0	1	0
0	3	-3	0	2	0
0	3	-3	0	3	0
0	3	-3	1	-3	0
0	3	-3	1	-2	0
0	3	-3	1	-1	0
0	3	-3	1	0	0
0	3	-3	1	1	0
0	3	-3	1	2	0
0	3	-3	1	3	0
0	3	-3	2	-3	0
0	3	-3	2	-2	0
0	3	-3	2	-1	0
0	3	-3	2	0	0
0	3	-3	2	1	0
0	3	-3	2	2	0
0	3	-3	2	3	0
0	3	-3	3	-3	0
0	3	-3	3	-2	0
0	3	-3	3	-1	0
0	3	-3	3	0	0
0	3	-3	3	1	0
0	3	-3	3	2	0
0	3	-3	3	3	0
0	3	-2	-3	-3	0
0	3	-2	-3	-2	0
0	3	-2	-3	-1	0
0	3	-2	-3	0	0
0	3	-2	-3	1	0
0	3	-2	-3	2	0
0	3	-2	-3	3	0
0	3	-2	-2	-3	0
0	3	-2	-2	-2	0
0	3	-2	-2	-1	0
0	3	-2	-2	0	0
0	3	-2	-2	1	0
0	3	-2	-2	2	0
0	3	-2	-2	3	0
0	3	-2	-1	-3	0
0	3	-2	-1	-2	0
0	3	-2	-1	-1	0
0	3	-2	-1	0	0
0	3	-2	-1	1	0
0	3	-2	-1	2	0
0	3	-2	-1	3	0
0	3	-2	0	-3	0
0	3	-2	0	-2	0
0	3	-2	0	-1	0
0	3	-2	0	0	0
0	3	-2	0	1	0
0	3	-2	0	2	0
0	3	-2	0	3	0

195

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	-2	1	-3	0
0	3	-2	1	-2	0
0	3	-2	1	-1	0
0	3	-2	1	0	0
0	3	-2	1	1	0
0	3	-2	1	2	0
0	3	-2	1	3	0
0	3	-2	2	-3	0
0	3	-2	2	-2	0
0	3	-2	2	-1	0
0	3	-2	2	0	0
0	3	-2	2	1	0
0	3	-2	2	2	0
0	3	-2	2	3	0
0	3	-2	3	-3	0
0	3	-2	3	-2	0
0	3	-2	3	-1	0
0	3	-2	3	0	0
0	3	-2	3	1	0
0	3	-2	3	2	0
0	3	-2	3	3	0
0	3	-1	-3	-3	0
0	3	-1	-3	-2	0
0	3	-1	-3	-1	0
0	3	-1	-3	0	0
0	3	-1	-3	1	0
0	3	-1	-3	2	0
0	3	-1	-3	3	0
0	3	-1	-2	-3	0
0	3	-1	-2	-2	0
0	3	-1	-2	-1	0
0	3	-1	-2	0	0
0	3	-1	-2	1	0
0	3	-1	-2	2	0
0	3	-1	-2	3	0
0	3	-1	-1	-3	0
0	3	-1	-1	-2	0
0	3	-1	-1	-1	0
0	3	-1	-1	0	0
0	3	-1	-1	1	0
0	3	-1	-1	2	0
0	3	-1	-1	3	0
0	3	-1	0	-3	0
0	3	-1	0	-2	0
0	3	-1	0	-1	0
0	3	-1	0	0	0
0	3	-1	0	1	0
0	3	-1	0	2	0
0	3	-1	0	3	0
0	3	-1	1	-3	0
0	3	-1	1	-2	0
0	3	-1	1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	-1	1	0	0
0	3	-1	1	1	0
0	3	-1	1	2	0
0	3	-1	1	3	0
0	3	-1	2	-3	0
0	3	-1	2	-2	0
0	3	-1	2	-1	0
0	3	-1	2	0	0
0	3	-1	2	1	0
0	3	-1	2	2	0
0	3	-1	2	3	0
0	3	-1	3	-3	0
0	3	-1	3	-2	0
0	3	-1	3	-1	0
0	3	-1	3	0	0
0	3	-1	3	1	0
0	3	-1	3	2	0
0	3	-1	3	3	0
0	3	0	-3	-3	0
0	3	0	-3	-2	0
0	3	0	-3	-1	0
0	3	0	-3	0	0
0	3	0	-3	1	0
0	3	0	-3	2	0
0	3	0	-3	3	0
0	3	0	-2	-3	0
0	3	0	-2	-2	0
0	3	0	-2	-1	0
0	3	0	-2	0	0
0	3	0	-2	1	0
0	3	0	-2	2	0
0	3	0	-2	3	0
0	3	0	-1	-3	0
0	3	0	-1	-2	0
0	3	0	-1	-1	0
0	3	0	-1	0	0
0	3	0	-1	1	0
0	3	0	-1	2	0
0	3	0	-1	3	0
0	3	0	0	-3	0
0	3	0	0	-2	0
0	3	0	0	-1	0
0	3	0	0	0	0
0	3	0	0	1	0
0	3	0	0	2	0
0	3	0	0	3	0
0	3	0	1	-3	0
0	3	0	1	-2	0
0	3	0	1	-1	0
0	3	0	1	0	0
0	3	0	1	1	0
0	3	0	1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	0	1	3	0
0	3	0	2	-3	0
0	3	0	2	-2	0
0	3	0	2	-1	0
0	3	0	2	0	0
0	3	0	2	1	0
0	3	0	2	2	0
0	3	0	2	3	0
0	3	0	3	-3	0
0	3	0	3	-2	0
0	3	0	3	-1	0
0	3	0	3	0	0
0	3	0	3	1	0
0	3	0	3	2	0
0	3	0	3	3	0
0	3	1	-3	-3	0
0	3	1	-3	-2	0
0	3	1	-3	-1	0
0	3	1	-3	0	0
0	3	1	-3	1	0
0	3	1	-3	2	0
0	3	1	-3	3	0
0	3	1	-2	-3	0
0	3	1	-2	-2	0
0	3	1	-2	-1	0
0	3	1	-2	0	0
0	3	1	-2	1	0
0	3	1	-2	2	0
0	3	1	-2	3	0
0	3	1	-1	-3	0
0	3	1	-1	-2	0
0	3	1	-1	-1	0
0	3	1	-1	0	0
0	3	1	-1	1	0
0	3	1	-1	2	0
0	3	1	-1	3	0
0	3	1	0	-3	0
0	3	1	0	-2	0
0	3	1	0	-1	0
0	3	1	0	0	0
0	3	1	0	1	0
0	3	1	0	2	0
0	3	1	0	3	0
0	3	1	1	-3	0
0	3	1	1	-2	0
0	3	1	1	-1	0
0	3	1	1	0	0
0	3	1	1	1	0
0	3	1	1	2	0
0	3	1	1	3	0
0	3	1	2	-3	0
0	3	1	2	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	1	2	-1	0
0	3	1	2	0	0
0	3	1	2	1	0
0	3	1	2	2	0
0	3	1	2	3	0
0	3	1	3	-3	0
0	3	1	3	-2	0
0	3	1	3	-1	0
0	3	1	3	0	0
0	3	1	3	1	0
0	3	1	3	2	0
0	3	1	3	3	0
0	3	2	-3	-3	0
0	3	2	-3	-2	0
0	3	2	-3	-1	0
0	3	2	-3	0	0
0	3	2	-3	1	0
0	3	2	-3	2	0
0	3	2	-3	3	0
0	3	2	-2	-3	0
0	3	2	-2	-2	0
0	3	2	-2	-1	0
0	3	2	-2	0	0
0	3	2	-2	1	0
0	3	2	-2	2	0
0	3	2	-2	3	0
0	3	2	-1	-3	0
0	3	2	-1	-2	0
0	3	2	-1	-1	0
0	3	2	-1	0	0
0	3	2	-1	1	0
0	3	2	-1	2	0
0	3	2	-1	3	0
0	3	2	0	-3	0
0	3	2	0	-2	0
0	3	2	0	-1	0
0	3	2	0	0	0
0	3	2	0	1	0
0	3	2	0	2	0
0	3	2	0	3	0
0	3	2	1	-3	0
0	3	2	1	-2	0
0	3	2	1	-1	0
0	3	2	1	0	0
0	3	2	1	1	0
0	3	2	1	2	0
0	3	2	1	3	0
0	3	2	2	-3	0
0	3	2	2	-2	0
0	3	2	2	-1	0
0	3	2	2	0	0
0	3	2	2	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	2	2	2	0
0	3	2	2	3	0
0	3	2	3	-3	0
0	3	2	3	-2	0
0	3	2	3	-1	0
0	3	2	3	0	0
0	3	2	3	1	0
0	3	2	3	2	0
0	3	2	3	3	0
0	3	3	-3	-3	0
0	3	3	-3	-2	0
0	3	3	-3	-1	0
0	3	3	-3	0	0
0	3	3	-3	1	0
0	3	3	-3	2	0
0	3	3	-3	3	0
0	3	3	-2	-3	0
0	3	3	-2	-2	0
0	3	3	-2	-1	0
0	3	3	-2	0	0
0	3	3	-2	1	0
0	3	3	-2	2	0
0	3	3	-2	3	0
0	3	3	-1	-3	0
0	3	3	-1	-2	0
0	3	3	-1	-1	0
0	3	3	-1	0	0
0	3	3	-1	1	0
0	3	3	-1	2	0
0	3	3	-1	3	0
0	3	3	0	-3	0
0	3	3	0	-2	0
0	3	3	0	-1	0
0	3	3	0	0	0
0	3	3	0	1	0
0	3	3	0	2	0
0	3	3	0	3	0
0	3	3	1	-3	0
0	3	3	1	-2	0
0	3	3	1	-1	0
0	3	3	1	0	0
0	3	3	1	1	0
0	3	3	1	2	0
0	3	3	1	3	0
0	3	3	2	-3	0
0	3	3	2	-2	0
0	3	3	2	-1	0
0	3	3	2	0	0
0	3	3	2	1	0
0	3	3	2	2	0
0	3	3	2	3	0
0	3	3	3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
0	3	3	3	-2	0
0	3	3	3	-1	0
0	3	3	3	0	0
0	3	3	3	1	0
0	3	3	3	2	0
0	3	3	3	3	0
1	-3	-3	-3	-3	1
1	-3	-3	-3	-2	1
1	-3	-3	-3	-1	1
1	-3	-3	-3	0	1
1	-3	-3	-3	1	1
1	-3	-3	-3	2	1
1	-3	-3	-3	3	1
1	-3	-3	-2	-3	1
1	-3	-3	-2	-2	1
1	-3	-3	-2	-1	1
1	-3	-3	-2	0	1
1	-3	-3	-2	1	1
1	-3	-3	-2	2	1
1	-3	-3	-2	3	1
1	-3	-3	-1	-3	1
1	-3	-3	-1	-2	1
1	-3	-3	-1	-1	1
1	-3	-3	-1	0	1
1	-3	-3	-1	1	1
1	-3	-3	-1	2	1
1	-3	-3	-1	3	1
1	-3	-3	0	-3	1
1	-3	-3	0	-2	1
1	-3	-3	0	-1	1
1	-3	-3	0	0	1
1	-3	-3	0	1	1
1	-3	-3	0	2	1
1	-3	-3	0	3	1
1	-3	-3	1	-3	1
1	-3	-3	1	-2	1
1	-3	-3	1	-1	1
1	-3	-3	1	0	1
1	-3	-3	1	1	1
1	-3	-3	1	2	1
1	-3	-3	1	3	1
1	-3	-3	2	-3	1
1	-3	-3	2	-2	1
1	-3	-3	2	-1	1
1	-3	-3	2	0	1
1	-3	-3	2	1	1
1	-3	-3	2	2	1
1	-3	-3	2	3	1
1	-3	-3	3	-3	1
1	-3	-3	3	-2	1
1	-3	-3	3	-1	1
1	-3	-3	3	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-3	-3	3	1	1
1	-3	-3	3	2	1
1	-3	-3	3	3	1
1	-3	-2	-3	-3	1
1	-3	-2	-3	-2	1
1	-3	-2	-3	-1	1
1	-3	-2	-3	0	1
1	-3	-2	-3	1	1
1	-3	-2	-3	2	1
1	-3	-2	-3	3	1
1	-3	-2	-2	-3	1
1	-3	-2	-2	-2	1
1	-3	-2	-2	-1	1
1	-3	-2	-2	0	1
1	-3	-2	-2	1	1
1	-3	-2	-2	2	1
1	-3	-2	-2	3	1
1	-3	-2	-1	-3	1
1	-3	-2	-1	-2	1
1	-3	-2	-1	-1	1
1	-3	-2	-1	0	1
1	-3	-2	-1	1	1
1	-3	-2	-1	2	1
1	-3	-2	-1	3	1
1	-3	-2	0	-3	1
1	-3	-2	0	-2	1
1	-3	-2	0	-1	1
1	-3	-2	0	0	1
1	-3	-2	0	1	1
1	-3	-2	0	2	1
1	-3	-2	0	3	1
1	-3	-2	1	-3	1
1	-3	-2	1	-2	1
1	-3	-2	1	-1	1
1	-3	-2	1	0	1
1	-3	-2	1	1	1
1	-3	-2	1	2	1
1	-3	-2	1	3	1
1	-3	-2	2	-3	1
1	-3	-2	2	-2	1
1	-3	-2	2	-1	1
1	-3	-2	2	0	1
1	-3	-2	2	1	1
1	-3	-2	2	2	1
1	-3	-2	2	3	1
1	-3	-2	3	-3	1
1	-3	-2	3	-2	1
1	-3	-2	3	-1	1
1	-3	-2	3	0	1
1	-3	-2	3	1	1
1	-3	-2	3	2	1
1	-3	-2	3	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-3	-1	-3	-3	1
1	-3	-1	-3	-2	1
1	-3	-1	-3	-1	1
1	-3	-1	-3	0	1
1	-3	-1	-3	1	1
1	-3	-1	-3	2	1
1	-3	-1	-3	3	1
1	-3	-1	-2	-3	1
1	-3	-1	-2	-2	1
1	-3	-1	-2	-1	1
1	-3	-1	-2	0	1
1	-3	-1	-2	1	1
1	-3	-1	-2	2	1
1	-3	-1	-2	3	1
1	-3	-1	-1	-3	1
1	-3	-1	-1	-2	1
1	-3	-1	-1	-1	1
1	-3	-1	-1	0	1
1	-3	-1	-1	1	1
1	-3	-1	-1	2	1
1	-3	-1	-1	3	1
1	-3	-1	0	-3	1
1	-3	-1	0	-2	1
1	-3	-1	0	-1	1
1	-3	-1	0	0	1
1	-3	-1	0	1	1
1	-3	-1	0	2	1
1	-3	-1	0	3	1
1	-3	-1	1	-3	1
1	-3	-1	1	-2	1
1	-3	-1	1	-1	1
1	-3	-1	1	0	1
1	-3	-1	1	1	1
1	-3	-1	1	2	1
1	-3	-1	1	3	1
1	-3	-1	2	-3	1
1	-3	-1	2	-2	1
1	-3	-1	2	-1	1
1	-3	-1	2	0	1
1	-3	-1	2	1	1
1	-3	-1	2	2	1
1	-3	-1	2	3	1
1	-3	-1	3	-3	1
1	-3	-1	3	-2	1
1	-3	-1	3	-1	1
1	-3	-1	3	0	1
1	-3	-1	3	1	1
1	-3	-1	3	2	1
1	-3	-1	3	3	1
1	-3	0	-3	-3	1
1	-3	0	-3	-2	1
1	-3	0	-3	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-3	0	-3	0	1
1	-3	0	-3	1	1
1	-3	0	-3	2	1
1	-3	0	-3	3	1
1	-3	0	-2	-3	1
1	-3	0	-2	-2	1
1	-3	0	-2	-1	1
1	-3	0	-2	0	1
1	-3	0	-2	1	1
1	-3	0	-2	2	1
1	-3	0	-2	3	1
1	-3	0	-1	-3	1
1	-3	0	-1	-2	1
1	-3	0	-1	-1	1
1	-3	0	-1	0	1
1	-3	0	-1	1	1
1	-3	0	-1	2	1
1	-3	0	-1	3	1
1	-3	0	0	-3	1
1	-3	0	0	-2	1
1	-3	0	0	-1	1
1	-3	0	0	0	1
1	-3	0	0	1	1
1	-3	0	0	2	1
1	-3	0	0	3	1
1	-3	0	1	-3	1
1	-3	0	1	-2	1
1	-3	0	1	-1	1
1	-3	0	1	0	1
1	-3	0	1	1	1
1	-3	0	1	2	1
1	-3	0	1	3	1
1	-3	0	2	-3	1
1	-3	0	2	-2	1
1	-3	0	2	-1	1
1	-3	0	2	0	1
1	-3	0	2	1	1
1	-3	0	2	2	1
1	-3	0	2	3	1
1	-3	0	3	-3	1
1	-3	0	3	-2	1
1	-3	0	3	-1	1
1	-3	0	3	0	1
1	-3	0	3	1	1
1	-3	0	3	2	1
1	-3	0	3	3	1
1	-3	1	-3	-3	1
1	-3	1	-3	-2	1
1	-3	1	-3	-1	1
1	-3	1	-3	0	1
1	-3	1	-3	1	1
1	-3	1	-3	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-3	1	-3	3	1
1	-3	1	-2	-3	1
1	-3	1	-2	-2	1
1	-3	1	-2	-1	1
1	-3	1	-2	0	1
1	-3	1	-2	1	1
1	-3	1	-2	2	1
1	-3	1	-2	3	1
1	-3	1	-1	-3	1
1	-3	1	-1	-2	1
1	-3	1	-1	-1	1
1	-3	1	-1	0	1
1	-3	1	-1	1	1
1	-3	1	-1	2	1
1	-3	1	-1	3	1
1	-3	1	0	-3	1
1	-3	1	0	-2	1
1	-3	1	0	-1	1
1	-3	1	0	0	1
1	-3	1	0	1	1
1	-3	1	0	2	1
1	-3	1	0	3	1
1	-3	1	1	-3	1
1	-3	1	1	-2	1
1	-3	1	1	-1	1
1	-3	1	1	0	1
1	-3	1	1	1	1
1	-3	1	1	2	1
1	-3	1	1	3	1
1	-3	1	2	-3	0
1	-3	1	2	-2	0
1	-3	1	2	-1	0
1	-3	1	2	0	0
1	-3	1	2	1	0
1	-3	1	2	2	0
1	-3	1	2	3	0
1	-3	1	3	-3	0
1	-3	1	3	-2	0
1	-3	1	3	-1	0
1	-3	1	3	0	0
1	-3	1	3	1	0
1	-3	1	3	2	0
1	-3	1	3	3	0
1	-3	2	-3	-3	1
1	-3	2	-3	-2	1
1	-3	2	-3	-1	1
1	-3	2	-3	0	1
1	-3	2	-3	1	1
1	-3	2	-3	2	1
1	-3	2	-3	3	1
1	-3	2	-2	-3	1
1	-3	2	-2	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-3	2	-2	-1	1
1	-3	2	-2	0	1
1	-3	2	-2	1	1
1	-3	2	-2	2	1
1	-3	2	-2	3	1
1	-3	2	-1	-3	1
1	-3	2	-1	-2	1
1	-3	2	-1	-1	1
1	-3	2	-1	0	1
1	-3	2	-1	1	1
1	-3	2	-1	2	1
1	-3	2	-1	3	1
1	-3	2	0	-3	1
1	-3	2	0	-2	1
1	-3	2	0	-1	1
1	-3	2	0	0	1
1	-3	2	0	1	1
1	-3	2	0	2	1
1	-3	2	0	3	1
1	-3	2	1	-3	0
1	-3	2	1	-2	0
1	-3	2	1	-1	0
1	-3	2	1	0	0
1	-3	2	1	1	0
1	-3	2	1	2	0
1	-3	2	1	3	0
1	-3	2	2	-3	0
1	-3	2	2	-2	0
1	-3	2	2	-1	0
1	-3	2	2	0	0
1	-3	2	2	1	0
1	-3	2	2	2	0
1	-3	2	2	3	0
1	-3	2	3	-3	0
1	-3	2	3	-2	0
1	-3	2	3	-1	0
1	-3	2	3	0	0
1	-3	2	3	1	0
1	-3	2	3	2	0
1	-3	2	3	3	0
1	-3	3	-3	-3	1
1	-3	3	-3	-2	1
1	-3	3	-3	-1	1
1	-3	3	-3	0	1
1	-3	3	-3	1	1
1	-3	3	-3	2	1
1	-3	3	-3	3	1
1	-3	3	-2	-3	1
1	-3	3	-2	-2	1
1	-3	3	-2	-1	1
1	-3	3	-2	0	1
1	-3	3	-2	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-3	3	-2	2	1
1	-3	3	-2	3	1
1	-3	3	-1	-3	1
1	-3	3	-1	-2	1
1	-3	3	-1	-1	1
1	-3	3	-1	0	1
1	-3	3	-1	1	1
1	-3	3	-1	2	1
1	-3	3	-1	3	1
1	-3	3	0	-3	1
1	-3	3	0	-2	1
1	-3	3	0	-1	1
1	-3	3	0	0	1
1	-3	3	0	1	1
1	-3	3	0	2	1
1	-3	3	0	3	1
1	-3	3	1	-3	0
1	-3	3	1	-2	0
1	-3	3	1	-1	0
1	-3	3	1	0	0
1	-3	3	1	1	0
1	-3	3	1	2	0
1	-3	3	1	3	0
1	-3	3	2	-3	0
1	-3	3	2	-2	0
1	-3	3	2	-1	0
1	-3	3	2	0	0
1	-3	3	2	1	0
1	-3	3	2	2	0
1	-3	3	2	3	0
1	-3	3	3	-3	0
1	-3	3	3	-2	0
1	-3	3	3	-1	0
1	-3	3	3	0	0
1	-3	3	3	1	0
1	-3	3	3	2	0
1	-3	3	3	3	0
1	-2	-3	-3	-3	1
1	-2	-3	-3	-2	1
1	-2	-3	-3	-1	1
1	-2	-3	-3	0	1
1	-2	-3	-3	1	1
1	-2	-3	-3	2	1
1	-2	-3	-3	3	1
1	-2	-3	-2	-3	1
1	-2	-3	-2	-2	1
1	-2	-3	-2	-1	1
1	-2	-3	-2	0	1
1	-2	-3	-2	1	1
1	-2	-3	-2	2	1
1	-2	-3	-2	3	1
1	-2	-3	-1	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	-3	-1	-2	1
1	-2	-3	-1	-1	1
1	-2	-3	-1	0	1
1	-2	-3	-1	1	1
1	-2	-3	-1	2	1
1	-2	-3	-1	3	1
1	-2	-3	0	-3	1
1	-2	-3	0	-2	1
1	-2	-3	0	-1	1
1	-2	-3	0	0	1
1	-2	-3	0	1	1
1	-2	-3	0	2	1
1	-2	-3	0	3	1
1	-2	-3	1	-3	1
1	-2	-3	1	-2	1
1	-2	-3	1	-1	1
1	-2	-3	1	0	1
1	-2	-3	1	1	1
1	-2	-3	1	2	1
1	-2	-3	1	3	1
1	-2	-3	2	-3	1
1	-2	-3	2	-2	1
1	-2	-3	2	-1	1
1	-2	-3	2	0	1
1	-2	-3	2	1	1
1	-2	-3	2	2	1
1	-2	-3	2	3	1
1	-2	-3	3	-3	1
1	-2	-3	3	-2	1
1	-2	-3	3	-1	1
1	-2	-3	3	0	1
1	-2	-3	3	1	1
1	-2	-3	3	2	1
1	-2	-3	3	3	1
1	-2	-2	-3	-3	1
1	-2	-2	-3	-2	1
1	-2	-2	-3	-1	1
1	-2	-2	-3	0	1
1	-2	-2	-3	1	1
1	-2	-2	-3	2	1
1	-2	-2	-3	3	1
1	-2	-2	-2	-3	1
1	-2	-2	-2	-2	1
1	-2	-2	-2	-1	1
1	-2	-2	-2	0	1
1	-2	-2	-2	1	1
1	-2	-2	-2	2	1
1	-2	-2	-2	3	1
1	-2	-2	-1	-3	1
1	-2	-2	-1	-2	1
1	-2	-2	-1	-1	1
1	-2	-2	-1	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	-2	-1	1	1
1	-2	-2	-1	2	1
1	-2	-2	-1	3	1
1	-2	-2	0	-3	1
1	-2	-2	0	-2	1
1	-2	-2	0	-1	1
1	-2	-2	0	0	1
1	-2	-2	0	1	1
1	-2	-2	0	2	1
1	-2	-2	0	3	1
1	-2	-2	1	-3	1
1	-2	-2	1	-2	1
1	-2	-2	1	-1	1
1	-2	-2	1	0	1
1	-2	-2	1	1	1
1	-2	-2	1	2	1
1	-2	-2	1	3	1
1	-2	-2	2	-3	1
1	-2	-2	2	-2	1
1	-2	-2	2	-1	1
1	-2	-2	2	0	1
1	-2	-2	2	1	1
1	-2	-2	2	2	1
1	-2	-2	2	3	1
1	-2	-2	3	-3	1
1	-2	-2	3	-2	1
1	-2	-2	3	-1	1
1	-2	-2	3	0	1
1	-2	-2	3	1	1
1	-2	-2	3	2	1
1	-2	-2	3	3	1
1	-2	-1	-3	-3	1
1	-2	-1	-3	-2	1
1	-2	-1	-3	-1	1
1	-2	-1	-3	0	1
1	-2	-1	-3	1	1
1	-2	-1	-3	2	1
1	-2	-1	-3	3	1
1	-2	-1	-2	-3	1
1	-2	-1	-2	-2	1
1	-2	-1	-2	-1	1
1	-2	-1	-2	0	1
1	-2	-1	-2	1	1
1	-2	-1	-2	2	1
1	-2	-1	-2	3	1
1	-2	-1	-1	-3	1
1	-2	-1	-1	-2	1
1	-2	-1	-1	-1	1
1	-2	-1	-1	0	1
1	-2	-1	-1	1	1
1	-2	-1	-1	2	1
1	-2	-1	-1	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	-1	0	-3	1
1	-2	-1	0	-2	1
1	-2	-1	0	-1	1
1	-2	-1	0	0	1
1	-2	-1	0	1	1
1	-2	-1	0	2	1
1	-2	-1	0	3	1
1	-2	-1	1	-3	1
1	-2	-1	1	-2	1
1	-2	-1	1	-1	1
1	-2	-1	1	0	1
1	-2	-1	1	1	1
1	-2	-1	1	2	1
1	-2	-1	1	3	1
1	-2	-1	2	-3	1
1	-2	-1	2	-2	1
1	-2	-1	2	-1	1
1	-2	-1	2	0	1
1	-2	-1	2	1	1
1	-2	-1	2	2	1
1	-2	-1	2	3	1
1	-2	-1	3	-3	1
1	-2	-1	3	-2	1
1	-2	-1	3	-1	1
1	-2	-1	3	0	1
1	-2	-1	3	1	1
1	-2	-1	3	2	1
1	-2	-1	3	3	1
1	-2	0	-3	-3	1
1	-2	0	-3	-2	1
1	-2	0	-3	-1	1
1	-2	0	-3	0	1
1	-2	0	-3	1	1
1	-2	0	-3	2	1
1	-2	0	-3	3	1
1	-2	0	-2	-3	1
1	-2	0	-2	-2	1
1	-2	0	-2	-1	1
1	-2	0	-2	0	1
1	-2	0	-2	1	1
1	-2	0	-2	2	1
1	-2	0	-2	3	1
1	-2	0	-1	-3	1
1	-2	0	-1	-2	1
1	-2	0	-1	-1	1
1	-2	0	-1	0	1
1	-2	0	-1	1	1
1	-2	0	-1	2	1
1	-2	0	-1	3	1
1	-2	0	0	-3	1
1	-2	0	0	-2	1
1	-2	0	0	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	0	0	0	1
1	-2	0	0	1	1
1	-2	0	0	2	1
1	-2	0	0	3	1
1	-2	0	1	-3	1
1	-2	0	1	-2	1
1	-2	0	1	-1	1
1	-2	0	1	0	1
1	-2	0	1	1	1
1	-2	0	1	2	1
1	-2	0	1	3	1
1	-2	0	2	-3	1
1	-2	0	2	-2	1
1	-2	0	2	-1	1
1	-2	0	2	0	1
1	-2	0	2	1	1
1	-2	0	2	2	1
1	-2	0	2	3	1
1	-2	0	3	-3	0
1	-2	0	3	-2	0
1	-2	0	3	-1	0
1	-2	0	3	0	0
1	-2	0	3	1	0
1	-2	0	3	2	0
1	-2	0	3	3	0
1	-2	1	-3	-3	1
1	-2	1	-3	-2	1
1	-2	1	-3	-1	1
1	-2	1	-3	0	1
1	-2	1	-3	1	1
1	-2	1	-3	2	1
1	-2	1	-3	3	1
1	-2	1	-2	-3	1
1	-2	1	-2	-2	1
1	-2	1	-2	-1	1
1	-2	1	-2	0	1
1	-2	1	-2	1	1
1	-2	1	-2	2	1
1	-2	1	-2	3	1
1	-2	1	-1	-3	1
1	-2	1	-1	-2	1
1	-2	1	-1	-1	1
1	-2	1	-1	0	1
1	-2	1	-1	1	1
1	-2	1	-1	2	1
1	-2	1	-1	3	1
1	-2	1	0	-3	1
1	-2	1	0	-2	1
1	-2	1	0	-1	1
1	-2	1	0	0	1
1	-2	1	0	1	1
1	-2	1	0	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	1	0	3	1
1	-2	1	1	-3	1
1	-2	1	1	-2	1
1	-2	1	1	-1	1
1	-2	1	1	0	1
1	-2	1	1	1	1
1	-2	1	1	2	1
1	-2	1	1	3	1
1	-2	1	2	-3	0
1	-2	1	2	-2	0
1	-2	1	2	-1	0
1	-2	1	2	0	0
1	-2	1	2	1	0
1	-2	1	2	2	0
1	-2	1	2	3	0
1	-2	1	3	-3	0
1	-2	1	3	-2	0
1	-2	1	3	-1	0
1	-2	1	3	0	0
1	-2	1	3	1	0
1	-2	1	3	2	0
1	-2	1	3	3	0
1	-2	2	-3	-3	1
1	-2	2	-3	-2	1
1	-2	2	-3	-1	1
1	-2	2	-3	0	1
1	-2	2	-3	1	1
1	-2	2	-3	2	1
1	-2	2	-3	3	1
1	-2	2	-2	-3	1
1	-2	2	-2	-2	1
1	-2	2	-2	-1	1
1	-2	2	-2	0	1
1	-2	2	-2	1	1
1	-2	2	-2	2	1
1	-2	2	-2	3	1
1	-2	2	-1	-3	1
1	-2	2	-1	-2	1
1	-2	2	-1	-1	1
1	-2	2	-1	0	1
1	-2	2	-1	1	1
1	-2	2	-1	2	1
1	-2	2	-1	3	1
1	-2	2	0	-3	1
1	-2	2	0	-2	1
1	-2	2	0	-1	1
1	-2	2	0	0	1
1	-2	2	0	1	1
1	-2	2	0	2	1
1	-2	2	0	3	1
1	-2	2	1	-3	0
1	-2	2	1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	2	1	-1	0
1	-2	2	1	0	0
1	-2	2	1	1	0
1	-2	2	1	2	0
1	-2	2	1	3	0
1	-2	2	2	-3	0
1	-2	2	2	-2	0
1	-2	2	2	-1	0
1	-2	2	2	0	0
1	-2	2	2	1	0
1	-2	2	2	2	0
1	-2	2	2	3	0
1	-2	2	3	-3	0
1	-2	2	3	-2	0
1	-2	2	3	-1	0
1	-2	2	3	0	0
1	-2	2	3	1	0
1	-2	2	3	2	0
1	-2	2	3	3	0
1	-2	3	-3	-3	1
1	-2	3	-3	-2	1
1	-2	3	-3	-1	1
1	-2	3	-3	0	1
1	-2	3	-3	1	1
1	-2	3	-3	2	1
1	-2	3	-3	3	1
1	-2	3	-2	-3	1
1	-2	3	-2	-2	1
1	-2	3	-2	-1	1
1	-2	3	-2	0	1
1	-2	3	-2	1	1
1	-2	3	-2	2	1
1	-2	3	-2	3	1
1	-2	3	-1	-3	1
1	-2	3	-1	-2	1
1	-2	3	-1	-1	1
1	-2	3	-1	0	1
1	-2	3	-1	1	1
1	-2	3	-1	2	1
1	-2	3	-1	3	1
1	-2	3	0	-3	1
1	-2	3	0	-2	1
1	-2	3	0	-1	1
1	-2	3	0	0	1
1	-2	3	0	1	1
1	-2	3	0	2	1
1	-2	3	0	3	1
1	-2	3	1	-3	0
1	-2	3	1	-2	0
1	-2	3	1	-1	0
1	-2	3	1	0	0
1	-2	3	1	1	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-2	3	1	2	0
1	-2	3	1	3	0
1	-2	3	2	-3	0
1	-2	3	2	-2	0
1	-2	3	2	-1	0
1	-2	3	2	0	0
1	-2	3	2	1	0
1	-2	3	2	2	0
1	-2	3	2	3	0
1	-2	3	3	-3	0
1	-2	3	3	-2	0
1	-2	3	3	-1	0
1	-2	3	3	0	0
1	-2	3	3	1	0
1	-2	3	3	2	0
1	-2	3	3	3	0
1	-1	-3	-3	-3	1
1	-1	-3	-3	-2	1
1	-1	-3	-3	-1	1
1	-1	-3	-3	0	1
1	-1	-3	-3	1	1
1	-1	-3	-3	2	1
1	-1	-3	-3	3	1
1	-1	-3	-2	-3	1
1	-1	-3	-2	-2	1
1	-1	-3	-2	-1	1
1	-1	-3	-2	0	1
1	-1	-3	-2	1	1
1	-1	-3	-2	2	1
1	-1	-3	-2	3	1
1	-1	-3	-1	-3	1
1	-1	-3	-1	-2	1
1	-1	-3	-1	-1	1
1	-1	-3	-1	0	1
1	-1	-3	-1	1	1
1	-1	-3	-1	2	1
1	-1	-3	-1	3	1
1	-1	-3	0	-3	1
1	-1	-3	0	-2	1
1	-1	-3	0	-1	1
1	-1	-3	0	0	1
1	-1	-3	0	1	1
1	-1	-3	0	2	1
1	-1	-3	0	3	1
1	-1	-3	1	-3	1
1	-1	-3	1	-2	1
1	-1	-3	1	-1	1
1	-1	-3	1	0	1
1	-1	-3	1	1	1
1	-1	-3	1	2	1
1	-1	-3	1	3	1
1	-1	-3	2	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-1	-3	2	-2	1
1	-1	-3	2	-1	1
1	-1	-3	2	0	1
1	-1	-3	2	1	1
1	-1	-3	2	2	1
1	-1	-3	2	3	1
1	-1	-3	3	-3	1
1	-1	-3	3	-2	1
1	-1	-3	3	-1	1
1	-1	-3	3	0	1
1	-1	-3	3	1	1
1	-1	-3	3	2	1
1	-1	-3	3	3	1
1	-1	-2	-3	-3	1
1	-1	-2	-3	-2	1
1	-1	-2	-3	-1	1
1	-1	-2	-3	0	1
1	-1	-2	-3	1	1
1	-1	-2	-3	2	1
1	-1	-2	-3	3	1
1	-1	-2	-2	-3	1
1	-1	-2	-2	-2	1
1	-1	-2	-2	-1	1
1	-1	-2	-2	0	1
1	-1	-2	-2	1	1
1	-1	-2	-2	2	1
1	-1	-2	-2	3	1
1	-1	-2	-1	-3	1
1	-1	-2	-1	-2	1
1	-1	-2	-1	-1	1
1	-1	-2	-1	0	1
1	-1	-2	-1	1	1
1	-1	-2	-1	2	1
1	-1	-2	-1	3	1
1	-1	-2	0	-3	1
1	-1	-2	0	-2	1
1	-1	-2	0	-1	1
1	-1	-2	0	0	1
1	-1	-2	0	1	1
1	-1	-2	0	2	1
1	-1	-2	0	3	1
1	-1	-2	1	-3	1
1	-1	-2	1	-2	1
1	-1	-2	1	-1	1
1	-1	-2	1	0	1
1	-1	-2	1	1	1
1	-1	-2	1	2	1
1	-1	-2	1	3	1
1	-1	-2	2	-3	1
1	-1	-2	2	-2	1
1	-1	-2	2	-1	1
1	-1	-2	2	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-1	-2	2	1	1
1	-1	-2	2	2	1
1	-1	-2	2	3	1
1	-1	-2	3	-3	1
1	-1	-2	3	-2	1
1	-1	-2	3	-1	1
1	-1	-2	3	0	1
1	-1	-2	3	1	1
1	-1	-2	3	2	1
1	-1	-2	3	3	1
1	-1	-1	-3	-3	1
1	-1	-1	-3	-2	1
1	-1	-1	-3	-1	1
1	-1	-1	-3	0	1
1	-1	-1	-3	1	1
1	-1	-1	-3	2	1
1	-1	-1	-3	3	1
1	-1	-1	-2	-3	1
1	-1	-1	-2	-2	1
1	-1	-1	-2	-1	1
1	-1	-1	-2	0	1
1	-1	-1	-2	1	1
1	-1	-1	-2	2	1
1	-1	-1	-2	3	1
1	-1	-1	-1	-3	1
1	-1	-1	-1	-2	1
1	-1	-1	-1	-1	1
1	-1	-1	-1	0	1
1	-1	-1	-1	1	1
1	-1	-1	-1	2	1
1	-1	-1	-1	3	1
1	-1	-1	0	-3	1
1	-1	-1	0	-2	1
1	-1	-1	0	-1	1
1	-1	-1	0	0	1
1	-1	-1	0	1	1
1	-1	-1	0	2	1
1	-1	-1	0	3	1
1	-1	-1	1	-3	1
1	-1	-1	1	-2	1
1	-1	-1	1	-1	1
1	-1	-1	1	0	1
1	-1	-1	1	1	1
1	-1	-1	1	2	1
1	-1	-1	1	3	1
1	-1	-1	2	-3	1
1	-1	-1	2	-2	1
1	-1	-1	2	-1	1
1	-1	-1	2	0	1
1	-1	-1	2	1	1
1	-1	-1	2	2	1
1	-1	-1	2	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-1	-1	3	-3	1
1	-1	-1	3	-2	1
1	-1	-1	3	-1	1
1	-1	-1	3	0	1
1	-1	-1	3	1	1
1	-1	-1	3	2	1
1	-1	-1	3	3	1
1	-1	0	-3	-3	1
1	-1	0	-3	-2	1
1	-1	0	-3	-1	1
1	-1	0	-3	0	1
1	-1	0	-3	1	1
1	-1	0	-3	2	1
1	-1	0	-3	3	1
1	-1	0	-2	-3	1
1	-1	0	-2	-2	1
1	-1	0	-2	-1	1
1	-1	0	-2	0	1
1	-1	0	-2	1	1
1	-1	0	-2	2	1
1	-1	0	-2	3	1
1	-1	0	-1	-3	1
1	-1	0	-1	-2	1
1	-1	0	-1	-1	1
1	-1	0	-1	0	1
1	-1	0	-1	1	1
1	-1	0	-1	2	1
1	-1	0	-1	3	1
1	-1	0	0	-3	1
1	-1	0	0	-2	1
1	-1	0	0	-1	1
1	-1	0	0	0	1
1	-1	0	0	1	1
1	-1	0	0	2	1
1	-1	0	0	3	1
1	-1	0	1	-3	1
1	-1	0	1	-2	1
1	-1	0	1	-1	1
1	-1	0	1	0	1
1	-1	0	1	1	1
1	-1	0	1	2	1
1	-1	0	1	3	1
1	-1	0	2	-3	0
1	-1	0	2	-2	0
1	-1	0	2	-1	0
1	-1	0	2	0	0
1	-1	0	2	1	0
1	-1	0	2	2	0
1	-1	0	2	3	0
1	-1	0	3	-3	0
1	-1	0	3	-2	0
1	-1	0	3	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-1	0	3	0	0
1	-1	0	3	1	0
1	-1	0	3	2	0
1	-1	0	3	3	0
1	-1	1	-3	-3	1
1	-1	1	-3	-2	1
1	-1	1	-3	-1	1
1	-1	1	-3	0	1
1	-1	1	-3	1	1
1	-1	1	-3	2	1
1	-1	1	-3	3	1
1	-1	1	-2	-3	1
1	-1	1	-2	-2	1
1	-1	1	-2	-1	1
1	-1	1	-2	0	1
1	-1	1	-2	1	1
1	-1	1	-2	2	1
1	-1	1	-2	3	1
1	-1	1	-1	-3	1
1	-1	1	-1	-2	1
1	-1	1	-1	-1	1
1	-1	1	-1	0	1
1	-1	1	-1	1	1
1	-1	1	-1	2	1
1	-1	1	-1	3	1
1	-1	1	0	-3	1
1	-1	1	0	-2	1
1	-1	1	0	-1	1
1	-1	1	0	0	1
1	-1	1	0	1	1
1	-1	1	0	2	1
1	-1	1	0	3	1
1	-1	1	1	-3	0
1	-1	1	1	-2	0
1	-1	1	1	-1	0
1	-1	1	1	0	0
1	-1	1	1	1	0
1	-1	1	1	2	0
1	-1	1	1	3	0
1	-1	1	2	-3	0
1	-1	1	2	-2	0
1	-1	1	2	-1	0
1	-1	1	2	0	0
1	-1	1	2	1	0
1	-1	1	2	2	0
1	-1	1	2	3	0
1	-1	1	3	-3	0
1	-1	1	3	-2	0
1	-1	1	3	-1	0
1	-1	1	3	0	0
1	-1	1	3	1	0
1	-1	1	3	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-1	1	3	3	0
1	-1	2	-3	-3	1
1	-1	2	-3	-2	1
1	-1	2	-3	-1	1
1	-1	2	-3	0	1
1	-1	2	-3	1	1
1	-1	2	-3	2	1
1	-1	2	-3	3	1
1	-1	2	-2	-3	1
1	-1	2	-2	-2	1
1	-1	2	-2	-1	1
1	-1	2	-2	0	1
1	-1	2	-2	1	1
1	-1	2	-2	2	1
1	-1	2	-2	3	1
1	-1	2	-1	-3	1
1	-1	2	-1	-2	1
1	-1	2	-1	-1	1
1	-1	2	-1	0	1
1	-1	2	-1	1	1
1	-1	2	-1	2	1
1	-1	2	-1	3	1
1	-1	2	0	-3	1
1	-1	2	0	-2	1
1	-1	2	0	-1	1
1	-1	2	0	0	1
1	-1	2	0	1	1
1	-1	2	0	2	1
1	-1	2	0	3	1
1	-1	2	1	-3	0
1	-1	2	1	-2	0
1	-1	2	1	-1	0
1	-1	2	1	0	0
1	-1	2	1	1	0
1	-1	2	1	2	0
1	-1	2	1	3	0
1	-1	2	2	-3	0
1	-1	2	2	-2	0
1	-1	2	2	-1	0
1	-1	2	2	0	0
1	-1	2	2	1	0
1	-1	2	2	2	0
1	-1	2	2	3	0
1	-1	2	3	-3	0
1	-1	2	3	-2	0
1	-1	2	3	-1	0
1	-1	2	3	0	0
1	-1	2	3	1	0
1	-1	2	3	2	0
1	-1	2	3	3	0
1	-1	3	-3	-3	1
1	-1	3	-3	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	-1	3	-3	-1	1
1	-1	3	-3	0	1
1	-1	3	-3	1	1
1	-1	3	-3	2	1
1	-1	3	-3	3	1
1	-1	3	-2	-3	1
1	-1	3	-2	-2	1
1	-1	3	-2	-1	1
1	-1	3	-2	0	1
1	-1	3	-2	1	1
1	-1	3	-2	2	1
1	-1	3	-2	3	1
1	-1	3	-1	-3	1
1	-1	3	-1	-2	1
1	-1	3	-1	-1	1
1	-1	3	-1	0	1
1	-1	3	-1	1	1
1	-1	3	-1	2	1
1	-1	3	-1	3	1
1	-1	3	0	-3	1
1	-1	3	0	-2	1
1	-1	3	0	-1	1
1	-1	3	0	0	1
1	-1	3	0	1	1
1	-1	3	0	2	1
1	-1	3	0	3	1
1	-1	3	1	-3	0
1	-1	3	1	-2	0
1	-1	3	1	-1	0
1	-1	3	1	0	0
1	-1	3	1	1	0
1	-1	3	1	2	0
1	-1	3	1	3	0
1	-1	3	2	-3	0
1	-1	3	2	-2	0
1	-1	3	2	-1	0
1	-1	3	2	0	0
1	-1	3	2	1	0
1	-1	3	2	2	0
1	-1	3	2	3	0
1	-1	3	3	-3	0
1	-1	3	3	-2	0
1	-1	3	3	-1	0
1	-1	3	3	0	0
1	-1	3	3	1	0
1	-1	3	3	2	0
1	-1	3	3	3	0
1	0	-3	-3	-3	1
1	0	-3	-3	-2	1
1	0	-3	-3	-1	1
1	0	-3	-3	0	1
1	0	-3	-3	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	-3	-3	2	1
1	0	-3	-3	3	1
1	0	-3	-2	-3	1
1	0	-3	-2	-2	1
1	0	-3	-2	-1	1
1	0	-3	-2	0	1
1	0	-3	-2	1	1
1	0	-3	-2	2	1
1	0	-3	-2	3	1
1	0	-3	-1	-3	1
1	0	-3	-1	-2	1
1	0	-3	-1	-1	1
1	0	-3	-1	0	1
1	0	-3	-1	1	1
1	0	-3	-1	2	1
1	0	-3	-1	3	1
1	0	-3	0	-3	0
1	0	-3	0	-2	0
1	0	-3	0	-1	0
1	0	-3	0	0	0
1	0	-3	0	1	0
1	0	-3	0	2	0
1	0	-3	0	3	0
1	0	-3	1	-3	0
1	0	-3	1	-2	0
1	0	-3	1	-1	0
1	0	-3	1	0	0
1	0	-3	1	1	0
1	0	-3	1	2	0
1	0	-3	1	3	0
1	0	-3	2	-3	0
1	0	-3	2	-2	0
1	0	-3	2	-1	0
1	0	-3	2	0	0
1	0	-3	2	1	0
1	0	-3	2	2	0
1	0	-3	2	3	0
1	0	-3	3	-3	0
1	0	-3	3	-2	0
1	0	-3	3	-1	0
1	0	-3	3	0	0
1	0	-3	3	1	0
1	0	-3	3	2	0
1	0	-3	3	3	0
1	0	-2	-3	-3	1
1	0	-2	-3	-2	1
1	0	-2	-3	-1	1
1	0	-2	-3	0	1
1	0	-2	-3	1	1
1	0	-2	-3	2	1
1	0	-2	-3	3	1
1	0	-2	-2	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	-2	-2	-2	1
1	0	-2	-2	-1	1
1	0	-2	-2	0	1
1	0	-2	-2	1	1
1	0	-2	-2	2	1
1	0	-2	-2	3	1
1	0	-2	-1	-3	1
1	0	-2	-1	-2	1
1	0	-2	-1	-1	1
1	0	-2	-1	0	1
1	0	-2	-1	1	1
1	0	-2	-1	2	1
1	0	-2	-1	3	1
1	0	-2	0	-3	0
1	0	-2	0	-2	0
1	0	-2	0	-1	0
1	0	-2	0	0	0
1	0	-2	0	1	0
1	0	-2	0	2	0
1	0	-2	0	3	0
1	0	-2	1	-3	0
1	0	-2	1	-2	0
1	0	-2	1	-1	0
1	0	-2	1	0	0
1	0	-2	1	1	0
1	0	-2	1	2	0
1	0	-2	1	3	0
1	0	-2	2	-3	0
1	0	-2	2	-2	0
1	0	-2	2	-1	0
1	0	-2	2	0	0
1	0	-2	2	1	0
1	0	-2	2	2	0
1	0	-2	2	3	0
1	0	-2	3	-3	0
1	0	-2	3	-2	0
1	0	-2	3	-1	0
1	0	-2	3	0	0
1	0	-2	3	1	0
1	0	-2	3	2	0
1	0	-2	3	3	0
1	0	-1	-3	-3	1
1	0	-1	-3	-2	1
1	0	-1	-3	-1	1
1	0	-1	-3	0	1
1	0	-1	-3	1	1
1	0	-1	-3	2	1
1	0	-1	-3	3	1
1	0	-1	-2	-3	1
1	0	-1	-2	-2	1
1	0	-1	-2	-1	1
1	0	-1	-2	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	-1	-2	1	1
1	0	-1	-2	2	1
1	0	-1	-2	3	1
1	0	-1	-1	-3	1
1	0	-1	-1	-2	1
1	0	-1	-1	-1	1
1	0	-1	-1	0	1
1	0	-1	-1	1	1
1	0	-1	-1	2	1
1	0	-1	-1	3	1
1	0	-1	0	-3	0
1	0	-1	0	-2	0
1	0	-1	0	-1	0
1	0	-1	0	0	0
1	0	-1	0	1	0
1	0	-1	0	2	0
1	0	-1	0	3	1
1	0	-1	1	-3	0
1	0	-1	1	-2	0
1	0	-1	1	-1	0
1	0	-1	1	0	0
1	0	-1	1	1	0
1	0	-1	1	2	0
1	0	-1	1	3	0
1	0	-1	2	-3	0
1	0	-1	2	-2	0
1	0	-1	2	-1	0
1	0	-1	2	0	0
1	0	-1	2	1	0
1	0	-1	2	2	0
1	0	-1	2	3	0
1	0	-1	3	-3	0
1	0	-1	3	-2	0
1	0	-1	3	-1	0
1	0	-1	3	0	0
1	0	-1	3	1	0
1	0	-1	3	2	0
1	0	-1	3	3	0
1	0	0	-3	-3	1
1	0	0	-3	-2	1
1	0	0	-3	-1	1
1	0	0	-3	0	1
1	0	0	-3	1	1
1	0	0	-3	2	1
1	0	0	-3	3	1
1	0	0	-2	-3	1
1	0	0	-2	-2	1
1	0	0	-2	-1	1
1	0	0	-2	0	1
1	0	0	-2	1	1
1	0	0	-2	2	1
1	0	0	-2	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	0	-1	-3	1
1	0	0	-1	-2	1
1	0	0	-1	-1	1
1	0	0	-1	0	1
1	0	0	-1	1	1
1	0	0	-1	2	1
1	0	0	-1	3	1
1	0	0	0	-3	0
1	0	0	0	-2	0
1	0	0	0	-1	0
1	0	0	0	0	0
1	0	0	0	1	0
1	0	0	0	2	0
1	0	0	0	3	1
1	0	0	1	-3	0
1	0	0	1	-2	0
1	0	0	1	-1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	0	0	1	2	0
1	0	0	1	3	0
1	0	0	2	-3	0
1	0	0	2	-2	0
1	0	0	2	-1	0
1	0	0	2	0	0
1	0	0	2	1	0
1	0	0	2	2	0
1	0	0	2	3	0
1	0	0	3	-3	0
1	0	0	3	-2	0
1	0	0	3	-1	0
1	0	0	3	0	0
1	0	0	3	1	0
1	0	0	3	2	0
1	0	0	3	3	0
1	0	1	-3	-3	1
1	0	1	-3	-2	1
1	0	1	-3	-1	1
1	0	1	-3	0	1
1	0	1	-3	1	1
1	0	1	-3	2	1
1	0	1	-3	3	1
1	0	1	-2	-3	1
1	0	1	-2	-2	1
1	0	1	-2	-1	1
1	0	1	-2	0	1
1	0	1	-2	1	1
1	0	1	-2	2	1
1	0	1	-2	3	1
1	0	1	-1	-3	1
1	0	1	-1	-2	1
1	0	1	-1	-1	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	1	-1	0	1
1	0	1	-1	1	1
1	0	1	-1	2	1
1	0	1	-1	3	1
1	0	1	0	-3	0
1	0	1	0	-2	0
1	0	1	0	-1	0
1	0	1	0	0	0
1	0	1	0	1	0
1	0	1	0	2	0
1	0	1	0	3	1
1	0	1	1	-3	0
1	0	1	1	-2	0
1	0	1	1	-1	0
1	0	1	1	0	0
1	0	1	1	1	0
1	0	1	1	2	0
1	0	1	1	3	0
1	0	1	2	-3	0
1	0	1	2	-2	0
1	0	1	2	-1	0
1	0	1	2	0	0
1	0	1	2	1	0
1	0	1	2	2	0
1	0	1	2	3	0
1	0	1	3	-3	0
1	0	1	3	-2	0
1	0	1	3	-1	0
1	0	1	3	0	0
1	0	1	3	1	0
1	0	1	3	2	0
1	0	1	3	3	0
1	0	2	-3	-3	1
1	0	2	-3	-2	1
1	0	2	-3	-1	1
1	0	2	-3	0	1
1	0	2	-3	1	1
1	0	2	-3	2	1
1	0	2	-3	3	1
1	0	2	-2	-3	1
1	0	2	-2	-2	1
1	0	2	-2	-1	1
1	0	2	-2	0	1
1	0	2	-2	1	1
1	0	2	-2	2	1
1	0	2	-2	3	1
1	0	2	-1	-3	1
1	0	2	-1	-2	1
1	0	2	-1	-1	1
1	0	2	-1	0	1
1	0	2	-1	1	1
1	0	2	-1	2	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	2	-1	3	1
1	0	2	0	-3	0
1	0	2	0	-2	0
1	0	2	0	-1	0
1	0	2	0	0	0
1	0	2	0	1	0
1	0	2	0	2	1
1	0	2	0	3	1
1	0	2	1	-3	0
1	0	2	1	-2	0
1	0	2	1	-1	0
1	0	2	1	0	0
1	0	2	1	1	0
1	0	2	1	2	0
1	0	2	1	3	0
1	0	2	2	-3	0
1	0	2	2	-2	0
1	0	2	2	-1	0
1	0	2	2	0	0
1	0	2	2	1	0
1	0	2	2	2	0
1	0	2	2	3	0
1	0	2	3	-3	0
1	0	2	3	-2	0
1	0	2	3	-1	0
1	0	2	3	0	0
1	0	2	3	1	0
1	0	2	3	2	0
1	0	2	3	3	0
1	0	3	-3	-3	1
1	0	3	-3	-2	1
1	0	3	-3	-1	1
1	0	3	-3	0	1
1	0	3	-3	1	1
1	0	3	-3	2	1
1	0	3	-3	3	1
1	0	3	-2	-3	1
1	0	3	-2	-2	1
1	0	3	-2	-1	1
1	0	3	-2	0	1
1	0	3	-2	1	1
1	0	3	-2	2	1
1	0	3	-2	3	1
1	0	3	-1	-3	1
1	0	3	-1	-2	1
1	0	3	-1	-1	1
1	0	3	-1	0	1
1	0	3	-1	1	1
1	0	3	-1	2	1
1	0	3	-1	3	1
1	0	3	0	-3	0
1	0	3	0	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	0	3	0	-1	0
1	0	3	0	0	0
1	0	3	0	1	0
1	0	3	0	2	1
1	0	3	0	3	1
1	0	3	1	-3	0
1	0	3	1	-2	0
1	0	3	1	-1	0
1	0	3	1	0	0
1	0	3	1	1	0
1	0	3	1	2	0
1	0	3	1	3	0
1	0	3	2	-3	0
1	0	3	2	-2	0
1	0	3	2	-1	0
1	0	3	2	0	0
1	0	3	2	1	0
1	0	3	2	2	0
1	0	3	2	3	0
1	0	3	3	-3	0
1	0	3	3	-2	0
1	0	3	3	-1	0
1	0	3	3	0	0
1	0	3	3	1	0
1	0	3	3	2	0
1	0	3	3	3	0
1	1	-3	-3	-3	0
1	1	-3	-3	-2	0
1	1	-3	-3	-1	0
1	1	-3	-3	0	0
1	1	-3	-3	1	0
1	1	-3	-3	2	0
1	1	-3	-3	3	0
1	1	-3	-2	-3	0
1	1	-3	-2	-2	0
1	1	-3	-2	-1	0
1	1	-3	-2	0	0
1	1	-3	-2	1	0
1	1	-3	-2	2	0
1	1	-3	-2	3	0
1	1	-3	-1	-3	0
1	1	-3	-1	-2	0
1	1	-3	-1	-1	0
1	1	-3	-1	0	0
1	1	-3	-1	1	0
1	1	-3	-1	2	0
1	1	-3	-1	3	0
1	1	-3	0	-3	0
1	1	-3	0	-2	0
1	1	-3	0	-1	0
1	1	-3	0	0	0
1	1	-3	0	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	-3	0	2	0
1	1	-3	0	3	0
1	1	-3	1	-3	0
1	1	-3	1	-2	0
1	1	-3	1	-1	0
1	1	-3	1	0	0
1	1	-3	1	1	0
1	1	-3	1	2	0
1	1	-3	1	3	0
1	1	-3	2	-3	0
1	1	-3	2	-2	0
1	1	-3	2	-1	0
1	1	-3	2	0	0
1	1	-3	2	1	0
1	1	-3	2	2	0
1	1	-3	2	3	0
1	1	-3	3	-3	0
1	1	-3	3	-2	0
1	1	-3	3	-1	0
1	1	-3	3	0	0
1	1	-3	3	1	0
1	1	-3	3	2	0
1	1	-3	3	3	0
1	1	-2	-3	-3	0
1	1	-2	-3	-2	0
1	1	-2	-3	-1	0
1	1	-2	-3	0	0
1	1	-2	-3	1	0
1	1	-2	-3	2	0
1	1	-2	-3	3	0
1	1	-2	-2	-3	0
1	1	-2	-2	-2	0
1	1	-2	-2	-1	0
1	1	-2	-2	0	0
1	1	-2	-2	1	0
1	1	-2	-2	2	0
1	1	-2	-2	3	0
1	1	-2	-1	-3	0
1	1	-2	-1	-2	0
1	1	-2	-1	-1	0
1	1	-2	-1	0	0
1	1	-2	-1	1	0
1	1	-2	-1	2	0
1	1	-2	-1	3	0
1	1	-2	0	-3	0
1	1	-2	0	-2	0
1	1	-2	0	-1	0
1	1	-2	0	0	0
1	1	-2	0	1	0
1	1	-2	0	2	0
1	1	-2	0	3	0
1	1	-2	1	-3	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	-2	1	-2	0
1	1	-2	1	-1	0
1	1	-2	1	0	0
1	1	-2	1	1	0
1	1	-2	1	2	0
1	1	-2	1	3	0
1	1	-2	2	-3	0
1	1	-2	2	-2	0
1	1	-2	2	-1	0
1	1	-2	2	0	0
1	1	-2	2	1	0
1	1	-2	2	2	0
1	1	-2	2	3	0
1	1	-2	3	-3	0
1	1	-2	3	-2	0
1	1	-2	3	-1	0
1	1	-2	3	0	0
1	1	-2	3	1	0
1	1	-2	3	2	0
1	1	-2	3	3	0
1	1	-1	-3	-3	0
1	1	-1	-3	-2	0
1	1	-1	-3	-1	0
1	1	-1	-3	0	0
1	1	-1	-3	1	0
1	1	-1	-3	2	0
1	1	-1	-3	3	0
1	1	-1	-2	-3	0
1	1	-1	-2	-2	0
1	1	-1	-2	-1	0
1	1	-1	-2	0	0
1	1	-1	-2	1	0
1	1	-1	-2	2	0
1	1	-1	-2	3	0
1	1	-1	-1	-3	0
1	1	-1	-1	-2	0
1	1	-1	-1	-1	0
1	1	-1	-1	0	0
1	1	-1	-1	1	0
1	1	-1	-1	2	0
1	1	-1	-1	3	0
1	1	-1	0	-3	0
1	1	-1	0	-2	0
1	1	-1	0	-1	0
1	1	-1	0	0	0
1	1	-1	0	1	0
1	1	-1	0	2	0
1	1	-1	0	3	0
1	1	-1	1	-3	0
1	1	-1	1	-2	0
1	1	-1	1	-1	0
1	1	-1	1	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	-1	1	1	0
1	1	-1	1	2	0
1	1	-1	1	3	0
1	1	-1	2	-3	0
1	1	-1	2	-2	0
1	1	-1	2	-1	0
1	1	-1	2	0	0
1	1	-1	2	1	0
1	1	-1	2	2	0
1	1	-1	2	3	0
1	1	-1	3	-3	0
1	1	-1	3	-2	0
1	1	-1	3	-1	0
1	1	-1	3	0	0
1	1	-1	3	1	0
1	1	-1	3	2	0
1	1	-1	3	3	0
1	1	0	-3	-3	0
1	1	0	-3	-2	0
1	1	0	-3	-1	0
1	1	0	-3	0	0
1	1	0	-3	1	0
1	1	0	-3	2	0
1	1	0	-3	3	0
1	1	0	-2	-3	0
1	1	0	-2	-2	0
1	1	0	-2	-1	0
1	1	0	-2	0	0
1	1	0	-2	1	0
1	1	0	-2	2	0
1	1	0	-2	3	0
1	1	0	-1	-3	0
1	1	0	-1	-2	0
1	1	0	-1	-1	0
1	1	0	-1	0	0
1	1	0	-1	1	0
1	1	0	-1	2	0
1	1	0	-1	3	0
1	1	0	0	-3	0
1	1	0	0	-2	0
1	1	0	0	-1	0
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	0	2	0
1	1	0	0	3	0
1	1	0	1	-3	0
1	1	0	1	-2	0
1	1	0	1	-1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	0	1	2	0
1	1	0	1	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	0	2	-3	0
1	1	0	2	-2	0
1	1	0	2	-1	0
1	1	0	2	0	0
1	1	0	2	1	0
1	1	0	2	2	0
1	1	0	2	3	0
1	1	0	3	-3	0
1	1	0	3	-2	0
1	1	0	3	-1	0
1	1	0	3	0	0
1	1	0	3	1	0
1	1	0	3	2	0
1	1	0	3	3	0
1	1	1	-3	-3	1
1	1	1	-3	-2	1
1	1	1	-3	-1	1
1	1	1	-3	0	1
1	1	1	-3	1	1
1	1	1	-3	2	1
1	1	1	-3	3	1
1	1	1	-2	-3	1
1	1	1	-2	-2	1
1	1	1	-2	-1	1
1	1	1	-2	0	1
1	1	1	-2	1	1
1	1	1	-2	2	1
1	1	1	-2	3	1
1	1	1	-1	-3	0
1	1	1	-1	-2	0
1	1	1	-1	-1	0
1	1	1	-1	0	0
1	1	1	-1	1	0
1	1	1	-1	2	0
1	1	1	-1	3	0
1	1	1	0	-3	0
1	1	1	0	-2	0
1	1	1	0	-1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	0	2	0
1	1	1	0	3	0
1	1	1	1	-3	0
1	1	1	1	-2	0
1	1	1	1	-1	0
1	1	1	1	0	0
1	1	1	1	1	0
1	1	1	1	2	0
1	1	1	1	3	0
1	1	1	2	-3	0
1	1	1	2	-2	0
1	1	1	2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	1	2	0	0
1	1	1	2	1	0
1	1	1	2	2	0
1	1	1	2	3	0
1	1	1	3	-3	0
1	1	1	3	-2	0
1	1	1	3	-1	0
1	1	1	3	0	0
1	1	1	3	1	0
1	1	1	3	2	0
1	1	1	3	3	0
1	1	2	-3	-3	1
1	1	2	-3	-2	1
1	1	2	-3	-1	1
1	1	2	-3	0	1
1	1	2	-3	1	1
1	1	2	-3	2	1
1	1	2	-3	3	1
1	1	2	-2	-3	1
1	1	2	-2	-2	1
1	1	2	-2	-1	1
1	1	2	-2	0	1
1	1	2	-2	1	1
1	1	2	-2	2	1
1	1	2	-2	3	1
1	1	2	-1	-3	1
1	1	2	-1	-2	1
1	1	2	-1	-1	1
1	1	2	-1	0	1
1	1	2	-1	1	1
1	1	2	-1	2	1
1	1	2	-1	3	1
1	1	2	0	-3	0
1	1	2	0	-2	0
1	1	2	0	-1	0
1	1	2	0	0	0
1	1	2	0	1	0
1	1	2	0	2	0
1	1	2	0	3	0
1	1	2	1	-3	0
1	1	2	1	-2	0
1	1	2	1	-1	0
1	1	2	1	0	0
1	1	2	1	1	0
1	1	2	1	2	0
1	1	2	1	3	0
1	1	2	2	-3	0
1	1	2	2	-2	0
1	1	2	2	-1	0
1	1	2	2	0	0
1	1	2	2	1	0
1	1	2	2	2	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	2	2	3	0
1	1	2	3	-3	0
1	1	2	3	-2	0
1	1	2	3	-1	0
1	1	2	3	0	0
1	1	2	3	1	0
1	1	2	3	2	0
1	1	2	3	3	0
1	1	3	-3	-3	1
1	1	3	-3	-2	1
1	1	3	-3	-1	1
1	1	3	-3	0	1
1	1	3	-3	1	1
1	1	3	-3	2	1
1	1	3	-3	3	1
1	1	3	-2	-3	1
1	1	3	-2	-2	1
1	1	3	-2	-1	1
1	1	3	-2	0	1
1	1	3	-2	1	1
1	1	3	-2	2	1
1	1	3	-2	3	1
1	1	3	-1	-3	1
1	1	3	-1	-2	1
1	1	3	-1	-1	1
1	1	3	-1	0	1
1	1	3	-1	1	1
1	1	3	-1	2	1
1	1	3	-1	3	1
1	1	3	0	-3	0
1	1	3	0	-2	0
1	1	3	0	-1	0
1	1	3	0	0	0
1	1	3	0	1	0
1	1	3	0	2	0
1	1	3	0	3	2
1	1	3	1	-3	0
1	1	3	1	-2	0
1	1	3	1	-1	0
1	1	3	1	0	0
1	1	3	1	1	0
1	1	3	1	2	0
1	1	3	1	3	0
1	1	3	2	-3	0
1	1	3	2	-2	0
1	1	3	2	-1	0
1	1	3	2	0	0
1	1	3	2	1	0
1	1	3	2	2	0
1	1	3	2	3	0
1	1	3	3	-3	0
1	1	3	3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	1	3	3	-1	0
1	1	3	3	0	0
1	1	3	3	1	0
1	1	3	3	2	0
1	1	3	3	3	0
1	2	-3	-3	-3	0
1	2	-3	-3	-2	0
1	2	-3	-3	-1	0
1	2	-3	-3	0	0
1	2	-3	-3	1	0
1	2	-3	-3	2	0
1	2	-3	-3	3	0
1	2	-3	-2	-3	0
1	2	-3	-2	-2	0
1	2	-3	-2	-1	0
1	2	-3	-2	0	0
1	2	-3	-2	1	0
1	2	-3	-2	2	0
1	2	-3	-2	3	0
1	2	-3	-1	-3	0
1	2	-3	-1	-2	0
1	2	-3	-1	-1	0
1	2	-3	-1	0	0
1	2	-3	-1	1	0
1	2	-3	-1	2	0
1	2	-3	-1	3	0
1	2	-3	0	-3	0
1	2	-3	0	-2	0
1	2	-3	0	-1	0
1	2	-3	0	0	0
1	2	-3	0	1	0
1	2	-3	0	2	0
1	2	-3	0	3	0
1	2	-3	1	-3	0
1	2	-3	1	-2	0
1	2	-3	1	-1	0
1	2	-3	1	0	0
1	2	-3	1	1	0
1	2	-3	1	2	0
1	2	-3	1	3	0
1	2	-3	2	-3	0
1	2	-3	2	-2	0
1	2	-3	2	-1	0
1	2	-3	2	0	0
1	2	-3	2	1	0
1	2	-3	2	2	0
1	2	-3	2	3	0
1	2	-3	3	-3	0
1	2	-3	3	-2	0
1	2	-3	3	-1	0
1	2	-3	3	0	0
1	2	-3	3	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	2	-3	3	2	0
1	2	-3	3	3	0
1	2	-2	-3	-3	0
1	2	-2	-3	-2	0
1	2	-2	-3	-1	0
1	2	-2	-3	0	0
1	2	-2	-3	1	0
1	2	-2	-3	2	0
1	2	-2	-3	3	0
1	2	-2	-2	-3	0
1	2	-2	-2	-2	0
1	2	-2	-2	-1	0
1	2	-2	-2	0	0
1	2	-2	-2	1	0
1	2	-2	-2	2	0
1	2	-2	-2	3	0
1	2	-2	-1	-3	0
1	2	-2	-1	-2	0
1	2	-2	-1	-1	0
1	2	-2	-1	0	0
1	2	-2	-1	1	0
1	2	-2	-1	2	0
1	2	-2	-1	3	0
1	2	-2	0	-3	0
1	2	-2	0	-2	0
1	2	-2	0	-1	0
1	2	-2	0	0	0
1	2	-2	0	1	0
1	2	-2	0	2	0
1	2	-2	0	3	0
1	2	-2	1	-3	0
1	2	-2	1	-2	0
1	2	-2	1	-1	0
1	2	-2	1	0	0
1	2	-2	1	1	0
1	2	-2	1	2	0
1	2	-2	1	3	0
1	2	-2	2	-3	0
1	2	-2	2	-2	0
1	2	-2	2	-1	0
1	2	-2	2	0	0
1	2	-2	2	1	0
1	2	-2	2	2	0
1	2	-2	2	3	0
1	2	-2	3	-3	0
1	2	-2	3	-2	0
1	2	-2	3	-1	0
1	2	-2	3	0	0
1	2	-2	3	1	0
1	2	-2	3	2	0
1	2	-2	3	3	0
1	2	-1	-3	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	2	-1	-3	-2	0
1	2	-1	-3	-1	0
1	2	-1	-3	0	0
1	2	-1	-3	1	0
1	2	-1	-3	2	0
1	2	-1	-3	3	0
1	2	-1	-2	-3	0
1	2	-1	-2	-2	0
1	2	-1	-2	-1	0
1	2	-1	-2	0	0
1	2	-1	-2	1	0
1	2	-1	-2	2	0
1	2	-1	-2	3	0
1	2	-1	-1	-3	0
1	2	-1	-1	-2	0
1	2	-1	-1	-1	0
1	2	-1	-1	0	0
1	2	-1	-1	1	0
1	2	-1	-1	2	0
1	2	-1	-1	3	0
1	2	-1	0	-3	0
1	2	-1	0	-2	0
1	2	-1	0	-1	0
1	2	-1	0	0	0
1	2	-1	0	1	0
1	2	-1	0	2	0
1	2	-1	0	3	0
1	2	-1	1	-3	0
1	2	-1	1	-2	0
1	2	-1	1	-1	0
1	2	-1	1	0	0
1	2	-1	1	1	0
1	2	-1	1	2	0
1	2	-1	1	3	0
1	2	-1	2	-3	0
1	2	-1	2	-2	0
1	2	-1	2	-1	0
1	2	-1	2	0	0
1	2	-1	2	1	0
1	2	-1	2	2	0
1	2	-1	2	3	0
1	2	-1	3	-3	0
1	2	-1	3	-2	0
1	2	-1	3	-1	0
1	2	-1	3	0	0
1	2	-1	3	1	0
1	2	-1	3	2	0
1	2	-1	3	3	0
1	2	0	-3	-3	0
1	2	0	-3	-2	0
1	2	0	-3	-1	0
1	2	0	-3	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	2	0	-3	1	0
1	2	0	-3	2	0
1	2	0	-3	3	0
1	2	0	-2	-3	0
1	2	0	-2	-2	0
1	2	0	-2	-1	0
1	2	0	-2	0	0
1	2	0	-2	1	0
1	2	0	-2	2	0
1	2	0	-2	3	0
1	2	0	-1	-3	0
1	2	0	-1	-2	0
1	2	0	-1	-1	0
1	2	0	-1	0	0
1	2	0	-1	1	0
1	2	0	-1	2	0
1	2	0	-1	3	0
1	2	0	0	-3	0
1	2	0	0	-2	0
1	2	0	0	-1	0
1	2	0	0	0	0
1	2	0	0	1	0
1	2	0	0	2	0
1	2	0	0	3	0
1	2	0	1	-3	0
1	2	0	1	-2	0
1	2	0	1	-1	0
1	2	0	1	0	0
1	2	0	1	1	0
1	2	0	1	2	0
1	2	0	1	3	0
1	2	0	2	-3	0
1	2	0	2	-2	0
1	2	0	2	-1	0
1	2	0	2	0	0
1	2	0	2	1	0
1	2	0	2	2	0
1	2	0	2	3	0
1	2	0	3	-3	0
1	2	0	3	-2	0
1	2	0	3	-1	0
1	2	0	3	0	0
1	2	0	3	1	0
1	2	0	3	2	0
1	2	0	3	3	0
1	2	1	-3	-3	0
1	2	1	-3	-2	0
1	2	1	-3	-1	0
1	2	1	-3	0	0
1	2	1	-3	1	0
1	2	1	-3	2	0
1	2	1	-3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	2	1	-2	-3	0
1	2	1	-2	-2	0
1	2	1	-2	-1	0
1	2	1	-2	0	0
1	2	1	-2	1	0
1	2	1	-2	2	0
1	2	1	-2	3	0
1	2	1	-1	-3	0
1	2	1	-1	-2	0
1	2	1	-1	-1	0
1	2	1	-1	0	0
1	2	1	-1	1	0
1	2	1	-1	2	0
1	2	1	-1	3	0
1	2	1	0	-3	0
1	2	1	0	-2	0
1	2	1	0	-1	0
1	2	1	0	0	0
1	2	1	0	1	0
1	2	1	0	2	0
1	2	1	0	3	0
1	2	1	1	-3	0
1	2	1	1	-2	0
1	2	1	1	-1	0
1	2	1	1	0	0
1	2	1	1	1	0
1	2	1	1	2	0
1	2	1	1	3	0
1	2	1	2	-3	0
1	2	1	2	-2	0
1	2	1	2	-1	0
1	2	1	2	0	0
1	2	1	2	1	0
1	2	1	2	2	0
1	2	1	2	3	0
1	2	1	3	-3	0
1	2	1	3	-2	0
1	2	1	3	-1	0
1	2	1	3	0	0
1	2	1	3	1	0
1	2	1	3	2	0
1	2	1	3	3	0
1	2	2	-3	-3	1
1	2	2	-3	-2	1
1	2	2	-3	-1	1
1	2	2	-3	0	1
1	2	2	-3	1	1
1	2	2	-3	2	1
1	2	2	-3	3	1
1	2	2	-2	-3	0
1	2	2	-2	-2	0
1	2	2	-2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	2	2	-2	0	0
1	2	2	-2	1	0
1	2	2	-2	2	0
1	2	2	-2	3	0
1	2	2	-1	-3	0
1	2	2	-1	-2	0
1	2	2	-1	-1	0
1	2	2	-1	0	0
1	2	2	-1	1	0
1	2	2	-1	2	0
1	2	2	-1	3	0
1	2	2	0	-3	0
1	2	2	0	-2	0
1	2	2	0	-1	0
1	2	2	0	0	0
1	2	2	0	1	0
1	2	2	0	2	0
1	2	2	0	3	0
1	2	2	1	-3	0
1	2	2	1	-2	0
1	2	2	1	-1	0
1	2	2	1	0	0
1	2	2	1	1	0
1	2	2	1	2	0
1	2	2	1	3	0
1	2	2	2	-3	0
1	2	2	2	-2	0
1	2	2	2	-1	0
1	2	2	2	0	0
1	2	2	2	1	0
1	2	2	2	2	0
1	2	2	2	3	0
1	2	2	3	-3	0
1	2	2	3	-2	0
1	2	2	3	-1	0
1	2	2	3	0	0
1	2	2	3	1	0
1	2	2	3	2	0
1	2	2	3	3	0
1	2	3	-3	-3	1
1	2	3	-3	-2	1
1	2	3	-3	-1	1
1	2	3	-3	0	1
1	2	3	-3	1	1
1	2	3	-3	2	1
1	2	3	-3	3	1
1	2	3	-2	-3	1
1	2	3	-2	-2	1
1	2	3	-2	-1	1
1	2	3	-2	0	1
1	2	3	-2	1	1
1	2	3	-2	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	2	3	-2	3	1
1	2	3	-1	-3	0
1	2	3	-1	-2	0
1	2	3	-1	-1	0
1	2	3	-1	0	0
1	2	3	-1	1	0
1	2	3	-1	2	0
1	2	3	-1	3	2
1	2	3	0	-3	0
1	2	3	0	-2	0
1	2	3	0	-1	0
1	2	3	0	0	0
1	2	3	0	1	0
1	2	3	0	2	0
1	2	3	0	3	0
1	2	3	1	-3	0
1	2	3	1	-2	0
1	2	3	1	-1	0
1	2	3	1	0	0
1	2	3	1	1	0
1	2	3	1	2	0
1	2	3	1	3	0
1	2	3	2	-3	0
1	2	3	2	-2	0
1	2	3	2	-1	0
1	2	3	2	0	0
1	2	3	2	1	0
1	2	3	2	2	0
1	2	3	2	3	0
1	2	3	3	-3	0
1	2	3	3	-2	0
1	2	3	3	-1	0
1	2	3	3	0	0
1	2	3	3	1	0
1	2	3	3	2	0
1	2	3	3	3	0
1	3	-3	-3	-3	0
1	3	-3	-3	-2	0
1	3	-3	-3	-1	0
1	3	-3	-3	0	0
1	3	-3	-3	1	0
1	3	-3	-3	2	0
1	3	-3	-3	3	0
1	3	-3	-2	-3	0
1	3	-3	-2	-2	0
1	3	-3	-2	-1	0
1	3	-3	-2	0	0
1	3	-3	-2	1	0
1	3	-3	-2	2	0
1	3	-3	-2	3	0
1	3	-3	-1	-3	0
1	3	-3	-1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	-3	-1	-1	0
1	3	-3	-1	0	0
1	3	-3	-1	1	0
1	3	-3	-1	2	0
1	3	-3	-1	3	0
1	3	-3	0	-3	0
1	3	-3	0	-2	0
1	3	-3	0	-1	0
1	3	-3	0	0	0
1	3	-3	0	1	0
1	3	-3	0	2	0
1	3	-3	0	3	0
1	3	-3	1	-3	0
1	3	-3	1	-2	0
1	3	-3	1	-1	0
1	3	-3	1	0	0
1	3	-3	1	1	0
1	3	-3	1	2	0
1	3	-3	1	3	0
1	3	-3	2	-3	0
1	3	-3	2	-2	0
1	3	-3	2	-1	0
1	3	-3	2	0	0
1	3	-3	2	1	0
1	3	-3	2	2	0
1	3	-3	2	3	0
1	3	-3	3	-3	0
1	3	-3	3	-2	0
1	3	-3	3	-1	0
1	3	-3	3	0	0
1	3	-3	3	1	0
1	3	-3	3	2	0
1	3	-3	3	3	0
1	3	-2	-3	-3	0
1	3	-2	-3	-2	0
1	3	-2	-3	-1	0
1	3	-2	-3	0	0
1	3	-2	-3	1	0
1	3	-2	-3	2	0
1	3	-2	-3	3	0
1	3	-2	-2	-3	0
1	3	-2	-2	-2	0
1	3	-2	-2	-1	0
1	3	-2	-2	0	0
1	3	-2	-2	1	0
1	3	-2	-2	2	0
1	3	-2	-2	3	0
1	3	-2	-1	-3	0
1	3	-2	-1	-2	0
1	3	-2	-1	-1	0
1	3	-2	-1	0	0
1	3	-2	-1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	-2	-1	2	0
1	3	-2	-1	3	0
1	3	-2	0	-3	0
1	3	-2	0	-2	0
1	3	-2	0	-1	0
1	3	-2	0	0	0
1	3	-2	0	1	0
1	3	-2	0	2	0
1	3	-2	0	3	0
1	3	-2	1	-3	0
1	3	-2	1	-2	0
1	3	-2	1	-1	0
1	3	-2	1	0	0
1	3	-2	1	1	0
1	3	-2	1	2	0
1	3	-2	1	3	0
1	3	-2	2	-3	0
1	3	-2	2	-2	0
1	3	-2	2	-1	0
1	3	-2	2	0	0
1	3	-2	2	1	0
1	3	-2	2	2	0
1	3	-2	2	3	0
1	3	-2	3	-3	0
1	3	-2	3	-2	0
1	3	-2	3	-1	0
1	3	-2	3	0	0
1	3	-2	3	1	0
1	3	-2	3	2	0
1	3	-2	3	3	0
1	3	-1	-3	-3	0
1	3	-1	-3	-2	0
1	3	-1	-3	-1	0
1	3	-1	-3	0	0
1	3	-1	-3	1	0
1	3	-1	-3	2	0
1	3	-1	-3	3	0
1	3	-1	-2	-3	0
1	3	-1	-2	-2	0
1	3	-1	-2	-1	0
1	3	-1	-2	0	0
1	3	-1	-2	1	0
1	3	-1	-2	2	0
1	3	-1	-2	3	0
1	3	-1	-1	-3	0
1	3	-1	-1	-2	0
1	3	-1	-1	-1	0
1	3	-1	-1	0	0
1	3	-1	-1	1	0
1	3	-1	-1	2	0
1	3	-1	-1	3	0
1	3	-1	0	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	-1	0	-2	0
1	3	-1	0	-1	0
1	3	-1	0	0	0
1	3	-1	0	1	0
1	3	-1	0	2	0
1	3	-1	0	3	0
1	3	-1	1	-3	0
1	3	-1	1	-2	0
1	3	-1	1	-1	0
1	3	-1	1	0	0
1	3	-1	1	1	0
1	3	-1	1	2	0
1	3	-1	1	3	0
1	3	-1	2	-3	0
1	3	-1	2	-2	0
1	3	-1	2	-1	0
1	3	-1	2	0	0
1	3	-1	2	1	0
1	3	-1	2	2	0
1	3	-1	2	3	0
1	3	-1	3	-3	0
1	3	-1	3	-2	0
1	3	-1	3	-1	0
1	3	-1	3	0	0
1	3	-1	3	1	0
1	3	-1	3	2	0
1	3	-1	3	3	0
1	3	0	-3	-3	0
1	3	0	-3	-2	0
1	3	0	-3	-1	0
1	3	0	-3	0	0
1	3	0	-3	1	0
1	3	0	-3	2	0
1	3	0	-3	3	0
1	3	0	-2	-3	0
1	3	0	-2	-2	0
1	3	0	-2	-1	0
1	3	0	-2	0	0
1	3	0	-2	1	0
1	3	0	-2	2	0
1	3	0	-2	3	0
1	3	0	-1	-3	0
1	3	0	-1	-2	0
1	3	0	-1	-1	0
1	3	0	-1	0	0
1	3	0	-1	1	0
1	3	0	-1	2	0
1	3	0	-1	3	0
1	3	0	0	-3	0
1	3	0	0	-2	0
1	3	0	0	-1	0
1	3	0	0	0	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	0	0	1	0
1	3	0	0	2	0
1	3	0	0	3	0
1	3	0	1	-3	0
1	3	0	1	-2	0
1	3	0	1	-1	0
1	3	0	1	0	0
1	3	0	1	1	0
1	3	0	1	2	0
1	3	0	1	3	0
1	3	0	2	-3	0
1	3	0	2	-2	0
1	3	0	2	-1	0
1	3	0	2	0	0
1	3	0	2	1	0
1	3	0	2	2	0
1	3	0	2	3	0
1	3	0	3	-3	0
1	3	0	3	-2	0
1	3	0	3	-1	0
1	3	0	3	0	0
1	3	0	3	1	0
1	3	0	3	2	0
1	3	0	3	3	0
1	3	1	-3	-3	0
1	3	1	-3	-2	0
1	3	1	-3	-1	0
1	3	1	-3	0	0
1	3	1	-3	1	0
1	3	1	-3	2	0
1	3	1	-3	3	0
1	3	1	-2	-3	0
1	3	1	-2	-2	0
1	3	1	-2	-1	0
1	3	1	-2	0	0
1	3	1	-2	1	0
1	3	1	-2	2	0
1	3	1	-2	3	0
1	3	1	-1	-3	0
1	3	1	-1	-2	0
1	3	1	-1	-1	0
1	3	1	-1	0	0
1	3	1	-1	1	0
1	3	1	-1	2	0
1	3	1	-1	3	0
1	3	1	0	-3	0
1	3	1	0	-2	0
1	3	1	0	-1	0
1	3	1	0	0	0
1	3	1	0	1	0
1	3	1	0	2	0
1	3	1	0	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	1	1	-3	0
1	3	1	1	-2	0
1	3	1	1	-1	0
1	3	1	1	0	0
1	3	1	1	1	0
1	3	1	1	2	0
1	3	1	1	3	0
1	3	1	2	-3	0
1	3	1	2	-2	0
1	3	1	2	-1	0
1	3	1	2	0	0
1	3	1	2	1	0
1	3	1	2	2	0
1	3	1	2	3	0
1	3	1	3	-3	0
1	3	1	3	-2	0
1	3	1	3	-1	0
1	3	1	3	0	0
1	3	1	3	1	0
1	3	1	3	2	0
1	3	1	3	3	0
1	3	2	-3	-3	0
1	3	2	-3	-2	0
1	3	2	-3	-1	0
1	3	2	-3	0	0
1	3	2	-3	1	0
1	3	2	-3	2	0
1	3	2	-3	3	0
1	3	2	-2	-3	0
1	3	2	-2	-2	0
1	3	2	-2	-1	0
1	3	2	-2	0	0
1	3	2	-2	1	0
1	3	2	-2	2	0
1	3	2	-2	3	0
1	3	2	-1	-3	0
1	3	2	-1	-2	0
1	3	2	-1	-1	0
1	3	2	-1	0	0
1	3	2	-1	1	0
1	3	2	-1	2	0
1	3	2	-1	3	0
1	3	2	0	-3	0
1	3	2	0	-2	0
1	3	2	0	-1	0
1	3	2	0	0	0
1	3	2	0	1	0
1	3	2	0	2	0
1	3	2	0	3	0
1	3	2	1	-3	0
1	3	2	1	-2	0
1	3	2	1	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	2	1	0	0
1	3	2	1	1	0
1	3	2	1	2	0
1	3	2	1	3	0
1	3	2	2	-3	0
1	3	2	2	-2	0
1	3	2	2	-1	0
1	3	2	2	0	0
1	3	2	2	1	0
1	3	2	2	2	0
1	3	2	2	3	0
1	3	2	3	-3	0
1	3	2	3	-2	0
1	3	2	3	-1	0
1	3	2	3	0	0
1	3	2	3	1	0
1	3	2	3	2	0
1	3	2	3	3	0
1	3	3	-3	-3	0
1	3	3	-3	-2	0
1	3	3	-3	-1	0
1	3	3	-3	0	0
1	3	3	-3	1	0
1	3	3	-3	2	0
1	3	3	-3	3	0
1	3	3	-2	-3	0
1	3	3	-2	-2	0
1	3	3	-2	-1	0
1	3	3	-2	0	0
1	3	3	-2	1	0
1	3	3	-2	2	0
1	3	3	-2	3	0
1	3	3	-1	-3	0
1	3	3	-1	-2	0
1	3	3	-1	-1	0
1	3	3	-1	0	0
1	3	3	-1	1	0
1	3	3	-1	2	0
1	3	3	-1	3	0
1	3	3	0	-3	0
1	3	3	0	-2	0
1	3	3	0	-1	0
1	3	3	0	0	0
1	3	3	0	1	0
1	3	3	0	2	0
1	3	3	0	3	0
1	3	3	1	-3	0
1	3	3	1	-2	0
1	3	3	1	-1	0
1	3	3	1	0	0
1	3	3	1	1	0
1	3	3	1	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
1	3	3	1	3	0
1	3	3	2	-3	0
1	3	3	2	-2	0
1	3	3	2	-1	0
1	3	3	2	0	0
1	3	3	2	1	0
1	3	3	2	2	0
1	3	3	2	3	0
1	3	3	3	-3	0
1	3	3	3	-2	0
1	3	3	3	-1	0
1	3	3	3	0	0
1	3	3	3	1	0
1	3	3	3	2	0
1	3	3	3	3	0
2	-3	-3	-3	-3	1
2	-3	-3	-3	-2	1
2	-3	-3	-3	-1	1
2	-3	-3	-3	0	1
2	-3	-3	-3	1	1
2	-3	-3	-3	2	1
2	-3	-3	-3	3	1
2	-3	-3	-2	-3	1
2	-3	-3	-2	-2	1
2	-3	-3	-2	-1	1
2	-3	-3	-2	0	1
2	-3	-3	-2	1	1
2	-3	-3	-2	2	1
2	-3	-3	-2	3	1
2	-3	-3	-1	-3	1
2	-3	-3	-1	-2	1
2	-3	-3	-1	-1	1
2	-3	-3	-1	0	1
2	-3	-3	-1	1	1
2	-3	-3	-1	2	1
2	-3	-3	-1	3	1
2	-3	-3	0	-3	1
2	-3	-3	0	-2	1
2	-3	-3	0	-1	1
2	-3	-3	0	0	1
2	-3	-3	0	1	1
2	-3	-3	0	2	1
2	-3	-3	0	3	1
2	-3	-3	1	-3	1
2	-3	-3	1	-2	1
2	-3	-3	1	-1	1
2	-3	-3	1	0	1
2	-3	-3	1	1	1
2	-3	-3	1	2	1
2	-3	-3	1	3	1
2	-3	-3	2	-3	1
2	-3	-3	2	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-3	-3	2	-1	1
2	-3	-3	2	0	1
2	-3	-3	2	1	1
2	-3	-3	2	2	1
2	-3	-3	2	3	1
2	-3	-3	3	-3	1
2	-3	-3	3	-2	1
2	-3	-3	3	-1	1
2	-3	-3	3	0	1
2	-3	-3	3	1	1
2	-3	-3	3	2	1
2	-3	-3	3	3	1
2	-3	-2	-3	-3	1
2	-3	-2	-3	-2	1
2	-3	-2	-3	-1	1
2	-3	-2	-3	0	1
2	-3	-2	-3	1	1
2	-3	-2	-3	2	1
2	-3	-2	-3	3	1
2	-3	-2	-2	-3	1
2	-3	-2	-2	-2	1
2	-3	-2	-2	-1	1
2	-3	-2	-2	0	1
2	-3	-2	-2	1	1
2	-3	-2	-2	2	1
2	-3	-2	-2	3	1
2	-3	-2	-1	-3	1
2	-3	-2	-1	-2	1
2	-3	-2	-1	-1	1
2	-3	-2	-1	0	1
2	-3	-2	-1	1	1
2	-3	-2	-1	2	1
2	-3	-2	-1	3	1
2	-3	-2	0	-3	1
2	-3	-2	0	-2	1
2	-3	-2	0	-1	1
2	-3	-2	0	0	1
2	-3	-2	0	1	1
2	-3	-2	0	2	1
2	-3	-2	0	3	1
2	-3	-2	1	-3	1
2	-3	-2	1	-2	1
2	-3	-2	1	-1	1
2	-3	-2	1	0	1
2	-3	-2	1	1	1
2	-3	-2	1	2	1
2	-3	-2	1	3	1
2	-3	-2	2	-3	1
2	-3	-2	2	-2	1
2	-3	-2	2	-1	1
2	-3	-2	2	0	1
2	-3	-2	2	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-3	-2	2	2	1
2	-3	-2	2	3	1
2	-3	-2	3	-3	1
2	-3	-2	3	-2	1
2	-3	-2	3	-1	1
2	-3	-2	3	0	1
2	-3	-2	3	1	1
2	-3	-2	3	2	1
2	-3	-2	3	3	1
2	-3	-1	-3	-3	1
2	-3	-1	-3	-2	1
2	-3	-1	-3	-1	1
2	-3	-1	-3	0	1
2	-3	-1	-3	1	1
2	-3	-1	-3	2	1
2	-3	-1	-3	3	1
2	-3	-1	-2	-3	1
2	-3	-1	-2	-2	1
2	-3	-1	-2	-1	1
2	-3	-1	-2	0	1
2	-3	-1	-2	1	1
2	-3	-1	-2	2	1
2	-3	-1	-2	3	1
2	-3	-1	-1	-3	1
2	-3	-1	-1	-2	1
2	-3	-1	-1	-1	1
2	-3	-1	-1	0	1
2	-3	-1	-1	1	1
2	-3	-1	-1	2	1
2	-3	-1	-1	3	1
2	-3	-1	0	-3	1
2	-3	-1	0	-2	1
2	-3	-1	0	-1	1
2	-3	-1	0	0	1
2	-3	-1	0	1	1
2	-3	-1	0	2	1
2	-3	-1	0	3	1
2	-3	-1	1	-3	1
2	-3	-1	1	-2	1
2	-3	-1	1	-1	1
2	-3	-1	1	0	1
2	-3	-1	1	1	1
2	-3	-1	1	2	1
2	-3	-1	1	3	1
2	-3	-1	2	-3	1
2	-3	-1	2	-2	1
2	-3	-1	2	-1	1
2	-3	-1	2	0	1
2	-3	-1	2	1	1
2	-3	-1	2	2	1
2	-3	-1	2	3	1
2	-3	-1	3	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-3	-1	3	-2	1
2	-3	-1	3	-1	1
2	-3	-1	3	0	1
2	-3	-1	3	1	1
2	-3	-1	3	2	1
2	-3	-1	3	3	1
2	-3	0	-3	-3	1
2	-3	0	-3	-2	1
2	-3	0	-3	-1	1
2	-3	0	-3	0	1
2	-3	0	-3	1	1
2	-3	0	-3	2	1
2	-3	0	-3	3	1
2	-3	0	-2	-3	1
2	-3	0	-2	-2	1
2	-3	0	-2	-1	1
2	-3	0	-2	0	1
2	-3	0	-2	1	1
2	-3	0	-2	2	1
2	-3	0	-2	3	1
2	-3	0	-1	-3	1
2	-3	0	-1	-2	1
2	-3	0	-1	-1	1
2	-3	0	-1	0	1
2	-3	0	-1	1	1
2	-3	0	-1	2	1
2	-3	0	-1	3	1
2	-3	0	0	-3	1
2	-3	0	0	-2	1
2	-3	0	0	-1	1
2	-3	0	0	0	1
2	-3	0	0	1	1
2	-3	0	0	2	1
2	-3	0	0	3	1
2	-3	0	1	-3	1
2	-3	0	1	-2	1
2	-3	0	1	-1	1
2	-3	0	1	0	1
2	-3	0	1	1	1
2	-3	0	1	2	1
2	-3	0	1	3	1
2	-3	0	2	-3	1
2	-3	0	2	-2	1
2	-3	0	2	-1	1
2	-3	0	2	0	1
2	-3	0	2	1	1
2	-3	0	2	2	1
2	-3	0	2	3	1
2	-3	0	3	-3	1
2	-3	0	3	-2	1
2	-3	0	3	-1	1
2	-3	0	3	0	1

250

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-3	0	3	1	1
2	-3	0	3	2	1
2	-3	0	3	3	1
2	-3	1	-3	-3	1
2	-3	1	-3	-2	1
2	-3	1	-3	-1	1
2	-3	1	-3	0	1
2	-3	1	-3	1	1
2	-3	1	-3	2	1
2	-3	1	-3	3	1
2	-3	1	-2	-3	1
2	-3	1	-2	-2	1
2	-3	1	-2	-1	1
2	-3	1	-2	0	1
2	-3	1	-2	1	1
2	-3	1	-2	2	1
2	-3	1	-2	3	1
2	-3	1	-1	-3	1
2	-3	1	-1	-2	1
2	-3	1	-1	-1	1
2	-3	1	-1	0	1
2	-3	1	-1	1	1
2	-3	1	-1	2	1
2	-3	1	-1	3	1
2	-3	1	0	-3	1
2	-3	1	0	-2	1
2	-3	1	0	-1	1
2	-3	1	0	0	1
2	-3	1	0	1	1
2	-3	1	0	2	1
2	-3	1	0	3	1
2	-3	1	1	-3	1
2	-3	1	1	-2	1
2	-3	1	1	-1	1
2	-3	1	1	0	1
2	-3	1	1	1	1
2	-3	1	1	2	1
2	-3	1	1	3	1
2	-3	1	2	-3	1
2	-3	1	2	-2	1
2	-3	1	2	-1	1
2	-3	1	2	0	1
2	-3	1	2	1	1
2	-3	1	2	2	1
2	-3	1	2	3	1
2	-3	1	3	-3	1
2	-3	1	3	-2	1
2	-3	1	3	-1	1
2	-3	1	3	0	1
2	-3	1	3	1	1
2	-3	1	3	2	1
2	-3	1	3	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-3	2	-3	-3	1
2	-3	2	-3	-2	1
2	-3	2	-3	-1	1
2	-3	2	-3	0	1
2	-3	2	-3	1	1
2	-3	2	-3	2	1
2	-3	2	-3	3	1
2	-3	2	-2	-3	1
2	-3	2	-2	-2	1
2	-3	2	-2	-1	1
2	-3	2	-2	0	1
2	-3	2	-2	1	1
2	-3	2	-2	2	1
2	-3	2	-2	3	1
2	-3	2	-1	-3	1
2	-3	2	-1	-2	1
2	-3	2	-1	-1	1
2	-3	2	-1	0	1
2	-3	2	-1	1	1
2	-3	2	-1	2	1
2	-3	2	-1	3	1
2	-3	2	0	-3	1
2	-3	2	0	-2	1
2	-3	2	0	-1	1
2	-3	2	0	0	1
2	-3	2	0	1	1
2	-3	2	0	2	1
2	-3	2	0	3	1
2	-3	2	1	-3	1
2	-3	2	1	-2	1
2	-3	2	1	-1	1
2	-3	2	1	0	1
2	-3	2	1	1	1
2	-3	2	1	2	1
2	-3	2	1	3	1
2	-3	2	2	-3	1
2	-3	2	2	-2	1
2	-3	2	2	-1	1
2	-3	2	2	0	1
2	-3	2	2	1	1
2	-3	2	2	2	1
2	-3	2	2	3	1
2	-3	2	3	-3	1
2	-3	2	3	-2	1
2	-3	2	3	-1	1
2	-3	2	3	0	1
2	-3	2	3	1	1
2	-3	2	3	2	1
2	-3	2	3	3	1
2	-3	3	-3	-3	1
2	-3	3	-3	-2	1
2	-3	3	-3	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-3	3	-3	0	1
2	-3	3	-3	1	1
2	-3	3	-3	2	1
2	-3	3	-3	3	1
2	-3	3	-2	-3	1
2	-3	3	-2	-2	1
2	-3	3	-2	-1	1
2	-3	3	-2	0	1
2	-3	3	-2	1	1
2	-3	3	-2	2	1
2	-3	3	-2	3	1
2	-3	3	-1	-3	1
2	-3	3	-1	-2	1
2	-3	3	-1	-1	1
2	-3	3	-1	0	1
2	-3	3	-1	1	1
2	-3	3	-1	2	1
2	-3	3	-1	3	1
2	-3	3	0	-3	1
2	-3	3	0	-2	1
2	-3	3	0	-1	1
2	-3	3	0	0	1
2	-3	3	0	1	1
2	-3	3	0	2	1
2	-3	3	0	3	1
2	-3	3	1	-3	1
2	-3	3	1	-2	1
2	-3	3	1	-1	1
2	-3	3	1	0	1
2	-3	3	1	1	1
2	-3	3	1	2	1
2	-3	3	1	3	1
2	-3	3	2	-3	1
2	-3	3	2	-2	1
2	-3	3	2	-1	1
2	-3	3	2	0	1
2	-3	3	2	1	1
2	-3	3	2	2	1
2	-3	3	2	3	1
2	-3	3	3	-3	0
2	-3	3	3	-2	0
2	-3	3	3	-1	0
2	-3	3	3	0	0
2	-3	3	3	1	0
2	-3	3	3	2	0
2	-3	3	3	3	0
2	-2	-3	-3	-3	1
2	-2	-3	-3	-2	1
2	-2	-3	-3	-1	1
2	-2	-3	-3	0	1
2	-2	-3	-3	1	1
2	-2	-3	-3	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	-3	-3	3	1
2	-2	-3	-2	-3	1
2	-2	-3	-2	-2	1
2	-2	-3	-2	-1	1
2	-2	-3	-2	0	1
2	-2	-3	-2	1	1
2	-2	-3	-2	2	1
2	-2	-3	-2	3	1
2	-2	-3	-1	-3	1
2	-2	-3	-1	-2	1
2	-2	-3	-1	-1	1
2	-2	-3	-1	0	1
2	-2	-3	-1	1	1
2	-2	-3	-1	2	1
2	-2	-3	-1	3	1
2	-2	-3	0	-3	1
2	-2	-3	0	-2	1
2	-2	-3	0	-1	1
2	-2	-3	0	0	1
2	-2	-3	0	1	1
2	-2	-3	0	2	1
2	-2	-3	0	3	1
2	-2	-3	1	-3	1
2	-2	-3	1	-2	1
2	-2	-3	1	-1	1
2	-2	-3	1	0	1
2	-2	-3	1	1	1
2	-2	-3	1	2	1
2	-2	-3	1	3	1
2	-2	-3	2	-3	1
2	-2	-3	2	-2	1
2	-2	-3	2	-1	1
2	-2	-3	2	0	1
2	-2	-3	2	1	1
2	-2	-3	2	2	1
2	-2	-3	2	3	1
2	-2	-3	3	-3	1
2	-2	-3	3	-2	1
2	-2	-3	3	-1	1
2	-2	-3	3	0	1
2	-2	-3	3	1	1
2	-2	-3	3	2	1
2	-2	-3	3	3	1
2	-2	-2	-3	-3	1
2	-2	-2	-3	-2	1
2	-2	-2	-3	-1	1
2	-2	-2	-3	0	1
2	-2	-2	-3	1	1
2	-2	-2	-3	2	1
2	-2	-2	-3	3	1
2	-2	-2	-2	-3	1
2	-2	-2	-2	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	-2	-2	-1	1
2	-2	-2	-2	0	1
2	-2	-2	-2	1	1
2	-2	-2	-2	2	1
2	-2	-2	-2	3	1
2	-2	-2	-1	-3	1
2	-2	-2	-1	-2	1
2	-2	-2	-1	-1	1
2	-2	-2	-1	0	1
2	-2	-2	-1	1	1
2	-2	-2	-1	2	1
2	-2	-2	-1	3	1
2	-2	-2	0	-3	1
2	-2	-2	0	-2	1
2	-2	-2	0	-1	1
2	-2	-2	0	0	1
2	-2	-2	0	1	1
2	-2	-2	0	2	1
2	-2	-2	0	3	1
2	-2	-2	1	-3	1
2	-2	-2	1	-2	1
2	-2	-2	1	-1	1
2	-2	-2	1	0	1
2	-2	-2	1	1	1
2	-2	-2	1	2	1
2	-2	-2	1	3	1
2	-2	-2	2	-3	1
2	-2	-2	2	-2	1
2	-2	-2	2	-1	1
2	-2	-2	2	0	1
2	-2	-2	2	1	1
2	-2	-2	2	2	1
2	-2	-2	2	3	1
2	-2	-2	3	-3	1
2	-2	-2	3	-2	1
2	-2	-2	3	-1	1
2	-2	-2	3	0	1
2	-2	-2	3	1	1
2	-2	-2	3	2	1
2	-2	-2	3	3	1
2	-2	-1	-3	-3	1
2	-2	-1	-3	-2	1
2	-2	-1	-3	-1	1
2	-2	-1	-3	0	1
2	-2	-1	-3	1	1
2	-2	-1	-3	2	1
2	-2	-1	-3	3	1
2	-2	-1	-2	-3	1
2	-2	-1	-2	-2	1
2	-2	-1	-2	-1	1
2	-2	-1	-2	0	1
2	-2	-1	-2	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	-1	-2	2	1
2	-2	-1	-2	3	1
2	-2	-1	-1	-3	1
2	-2	-1	-1	-2	1
2	-2	-1	-1	-1	1
2	-2	-1	-1	0	1
2	-2	-1	-1	1	1
2	-2	-1	-1	2	1
2	-2	-1	-1	3	1
2	-2	-1	0	-3	1
2	-2	-1	0	-2	1
2	-2	-1	0	-1	1
2	-2	-1	0	0	1
2	-2	-1	0	1	1
2	-2	-1	0	2	1
2	-2	-1	0	3	1
2	-2	-1	1	-3	1
2	-2	-1	1	-2	1
2	-2	-1	1	-1	1
2	-2	-1	1	0	1
2	-2	-1	1	1	1
2	-2	-1	1	2	1
2	-2	-1	1	3	1
2	-2	-1	2	-3	1
2	-2	-1	2	-2	1
2	-2	-1	2	-1	1
2	-2	-1	2	0	1
2	-2	-1	2	1	1
2	-2	-1	2	2	1
2	-2	-1	2	3	1
2	-2	-1	3	-3	1
2	-2	-1	3	-2	1
2	-2	-1	3	-1	1
2	-2	-1	3	0	1
2	-2	-1	3	1	1
2	-2	-1	3	2	1
2	-2	-1	3	3	1
2	-2	0	-3	-3	1
2	-2	0	-3	-2	1
2	-2	0	-3	-1	1
2	-2	0	-3	0	1
2	-2	0	-3	1	1
2	-2	0	-3	2	1
2	-2	0	-3	3	1
2	-2	0	-2	-3	1
2	-2	0	-2	-2	1
2	-2	0	-2	-1	1
2	-2	0	-2	0	1
2	-2	0	-2	1	1
2	-2	0	-2	2	1
2	-2	0	-2	3	1
2	-2	0	-1	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	0	-1	-2	1
2	-2	0	-1	-1	1
2	-2	0	-1	0	1
2	-2	0	-1	1	1
2	-2	0	-1	2	1
2	-2	0	-1	3	1
2	-2	0	0	-3	1
2	-2	0	0	-2	1
2	-2	0	0	-1	1
2	-2	0	0	0	1
2	-2	0	0	1	1
2	-2	0	0	2	1
2	-2	0	0	3	1
2	-2	0	1	-3	1
2	-2	0	1	-2	1
2	-2	0	1	-1	1
2	-2	0	1	0	1
2	-2	0	1	1	1
2	-2	0	1	2	1
2	-2	0	1	3	1
2	-2	0	2	-3	1
2	-2	0	2	-2	1
2	-2	0	2	-1	1
2	-2	0	2	0	1
2	-2	0	2	1	1
2	-2	0	2	2	1
2	-2	0	2	3	1
2	-2	0	3	-3	1
2	-2	0	3	-2	1
2	-2	0	3	-1	1
2	-2	0	3	0	1
2	-2	0	3	1	1
2	-2	0	3	2	1
2	-2	0	3	3	1
2	-2	1	-3	-3	1
2	-2	1	-3	-2	1
2	-2	1	-3	-1	1
2	-2	1	-3	0	1
2	-2	1	-3	1	1
2	-2	1	-3	2	1
2	-2	1	-3	3	1
2	-2	1	-2	-3	1
2	-2	1	-2	-2	1
2	-2	1	-2	-1	1
2	-2	1	-2	0	1
2	-2	1	-2	1	1
2	-2	1	-2	2	1
2	-2	1	-2	3	1
2	-2	1	-1	-3	1
2	-2	1	-1	-2	1
2	-2	1	-1	-1	1
2	-2	1	-1	0	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	1	-1	1	1
2	-2	1	-1	2	1
2	-2	1	-1	3	1
2	-2	1	0	-3	1
2	-2	1	0	-2	1
2	-2	1	0	-1	1
2	-2	1	0	0	1
2	-2	1	0	1	1
2	-2	1	0	2	1
2	-2	1	0	3	1
2	-2	1	1	-3	1
2	-2	1	1	-2	1
2	-2	1	1	-1	1
2	-2	1	1	0	1
2	-2	1	1	1	1
2	-2	1	1	2	1
2	-2	1	1	3	1
2	-2	1	2	-3	1
2	-2	1	2	-2	1
2	-2	1	2	-1	1
2	-2	1	2	0	1
2	-2	1	2	1	1
2	-2	1	2	2	1
2	-2	1	2	3	1
2	-2	1	3	-3	1
2	-2	1	3	-2	1
2	-2	1	3	-1	1
2	-2	1	3	0	1
2	-2	1	3	1	1
2	-2	1	3	2	1
2	-2	1	3	3	1
2	-2	2	-3	-3	1
2	-2	2	-3	-2	1
2	-2	2	-3	-1	1
2	-2	2	-3	0	1
2	-2	2	-3	1	1
2	-2	2	-3	2	1
2	-2	2	-3	3	1
2	-2	2	-2	-3	1
2	-2	2	-2	-2	1
2	-2	2	-2	-1	1
2	-2	2	-2	0	1
2	-2	2	-2	1	1
2	-2	2	-2	2	1
2	-2	2	-2	3	1
2	-2	2	-1	-3	1
2	-2	2	-1	-2	1
2	-2	2	-1	-1	1
2	-2	2	-1	0	1
2	-2	2	-1	1	1
2	-2	2	-1	2	1
2	-2	2	-1	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	2	0	-3	1
2	-2	2	0	-2	1
2	-2	2	0	-1	1
2	-2	2	0	0	1
2	-2	2	0	1	1
2	-2	2	0	2	1
2	-2	2	0	3	1
2	-2	2	1	-3	1
2	-2	2	1	-2	1
2	-2	2	1	-1	1
2	-2	2	1	0	1
2	-2	2	1	1	1
2	-2	2	1	2	1
2	-2	2	1	3	1
2	-2	2	2	-3	1
2	-2	2	2	-2	1
2	-2	2	2	-1	1
2	-2	2	2	0	1
2	-2	2	2	1	1
2	-2	2	2	2	1
2	-2	2	2	3	1
2	-2	2	3	-3	1
2	-2	2	3	-2	1
2	-2	2	3	-1	1
2	-2	2	3	0	1
2	-2	2	3	1	1
2	-2	2	3	2	1
2	-2	2	3	3	1
2	-2	3	-3	-3	1
2	-2	3	-3	-2	1
2	-2	3	-3	-1	1
2	-2	3	-3	0	1
2	-2	3	-3	1	1
2	-2	3	-3	2	1
2	-2	3	-3	3	1
2	-2	3	-2	-3	1
2	-2	3	-2	-2	1
2	-2	3	-2	-1	1
2	-2	3	-2	0	1
2	-2	3	-2	1	1
2	-2	3	-2	2	1
2	-2	3	-2	3	1
2	-2	3	-1	-3	1
2	-2	3	-1	-2	1
2	-2	3	-1	-1	1
2	-2	3	-1	0	1
2	-2	3	-1	1	1
2	-2	3	-1	2	1
2	-2	3	-1	3	1
2	-2	3	0	-3	1
2	-2	3	0	-2	1
2	-2	3	0	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-2	3	0	0	1
2	-2	3	0	1	1
2	-2	3	0	2	1
2	-2	3	0	3	1
2	-2	3	1	-3	1
2	-2	3	1	-2	1
2	-2	3	1	-1	1
2	-2	3	1	0	1
2	-2	3	1	1	1
2	-2	3	1	2	1
2	-2	3	1	3	1
2	-2	3	2	-3	1
2	-2	3	2	-2	1
2	-2	3	2	-1	1
2	-2	3	2	0	1
2	-2	3	2	1	1
2	-2	3	2	2	1
2	-2	3	2	3	1
2	-2	3	3	-3	0
2	-2	3	3	-2	0
2	-2	3	3	-1	0
2	-2	3	3	0	0
2	-2	3	3	1	0
2	-2	3	3	2	0
2	-2	3	3	3	0
2	-1	-3	-3	-3	1
2	-1	-3	-3	-2	1
2	-1	-3	-3	-1	1
2	-1	-3	-3	0	1
2	-1	-3	-3	1	1
2	-1	-3	-3	2	1
2	-1	-3	-3	3	1
2	-1	-3	-2	-3	1
2	-1	-3	-2	-2	1
2	-1	-3	-2	-1	1
2	-1	-3	-2	0	1
2	-1	-3	-2	1	1
2	-1	-3	-2	2	1
2	-1	-3	-2	3	1
2	-1	-3	-1	-3	1
2	-1	-3	-1	-2	1
2	-1	-3	-1	-1	1
2	-1	-3	-1	0	1
2	-1	-3	-1	1	1
2	-1	-3	-1	2	1
2	-1	-3	-1	3	1
2	-1	-3	0	-3	1
2	-1	-3	0	-2	1
2	-1	-3	0	-1	1
2	-1	-3	0	0	1
2	-1	-3	0	1	1
2	-1	-3	0	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	-3	0	3	1
2	-1	-3	1	-3	1
2	-1	-3	1	-2	1
2	-1	-3	1	-1	1
2	-1	-3	1	0	1
2	-1	-3	1	1	1
2	-1	-3	1	2	1
2	-1	-3	1	3	1
2	-1	-3	2	-3	1
2	-1	-3	2	-2	1
2	-1	-3	2	-1	1
2	-1	-3	2	0	1
2	-1	-3	2	1	1
2	-1	-3	2	2	1
2	-1	-3	2	3	1
2	-1	-3	3	-3	1
2	-1	-3	3	-2	1
2	-1	-3	3	-1	1
2	-1	-3	3	0	1
2	-1	-3	3	1	1
2	-1	-3	3	2	1
2	-1	-3	3	3	1
2	-1	-2	-3	-3	1
2	-1	-2	-3	-2	1
2	-1	-2	-3	-1	1
2	-1	-2	-3	0	1
2	-1	-2	-3	1	1
2	-1	-2	-3	2	1
2	-1	-2	-3	3	1
2	-1	-2	-2	-3	1
2	-1	-2	-2	-2	1
2	-1	-2	-2	-1	1
2	-1	-2	-2	0	1
2	-1	-2	-2	1	1
2	-1	-2	-2	2	1
2	-1	-2	-2	3	1
2	-1	-2	-1	-3	1
2	-1	-2	-1	-2	1
2	-1	-2	-1	-1	1
2	-1	-2	-1	0	1
2	-1	-2	-1	1	1
2	-1	-2	-1	2	1
2	-1	-2	-1	3	1
2	-1	-2	0	-3	1
2	-1	-2	0	-2	1
2	-1	-2	0	-1	1
2	-1	-2	0	0	1
2	-1	-2	0	1	1
2	-1	-2	0	2	1
2	-1	-2	0	3	1
2	-1	-2	1	-3	1
2	-1	-2	1	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	-2	1	-1	1
2	-1	-2	1	0	1
2	-1	-2	1	1	1
2	-1	-2	1	2	1
2	-1	-2	1	3	1
2	-1	-2	2	-3	1
2	-1	-2	2	-2	1
2	-1	-2	2	-1	1
2	-1	-2	2	0	1
2	-1	-2	2	1	1
2	-1	-2	2	2	1
2	-1	-2	2	3	1
2	-1	-2	3	-3	1
2	-1	-2	3	-2	1
2	-1	-2	3	-1	1
2	-1	-2	3	0	1
2	-1	-2	3	1	1
2	-1	-2	3	2	1
2	-1	-2	3	3	1
2	-1	-1	-3	-3	1
2	-1	-1	-3	-2	1
2	-1	-1	-3	-1	1
2	-1	-1	-3	0	1
2	-1	-1	-3	1	1
2	-1	-1	-3	2	1
2	-1	-1	-3	3	1
2	-1	-1	-2	-3	1
2	-1	-1	-2	-2	1
2	-1	-1	-2	-1	1
2	-1	-1	-2	0	1
2	-1	-1	-2	1	1
2	-1	-1	-2	2	1
2	-1	-1	-2	3	1
2	-1	-1	-1	-3	1
2	-1	-1	-1	-2	1
2	-1	-1	-1	-1	1
2	-1	-1	-1	0	1
2	-1	-1	-1	1	1
2	-1	-1	-1	2	1
2	-1	-1	-1	3	1
2	-1	-1	0	-3	1
2	-1	-1	0	-2	1
2	-1	-1	0	-1	1
2	-1	-1	0	0	1
2	-1	-1	0	1	1
2	-1	-1	0	2	1
2	-1	-1	0	3	1
2	-1	-1	1	-3	1
2	-1	-1	1	-2	1
2	-1	-1	1	-1	1
2	-1	-1	1	0	1
2	-1	-1	1	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	-1	1	2	1
2	-1	-1	1	3	1
2	-1	-1	2	-3	1
2	-1	-1	2	-2	1
2	-1	-1	2	-1	1
2	-1	-1	2	0	1
2	-1	-1	2	1	1
2	-1	-1	2	2	1
2	-1	-1	2	3	1
2	-1	-1	3	-3	1
2	-1	-1	3	-2	1
2	-1	-1	3	-1	1
2	-1	-1	3	0	1
2	-1	-1	3	1	1
2	-1	-1	3	2	1
2	-1	-1	3	3	1
2	-1	0	-3	-3	1
2	-1	0	-3	-2	1
2	-1	0	-3	-1	1
2	-1	0	-3	0	1
2	-1	0	-3	1	1
2	-1	0	-3	2	1
2	-1	0	-3	3	1
2	-1	0	-2	-3	1
2	-1	0	-2	-2	1
2	-1	0	-2	-1	1
2	-1	0	-2	0	1
2	-1	0	-2	1	1
2	-1	0	-2	2	1
2	-1	0	-2	3	1
2	-1	0	-1	-3	1
2	-1	0	-1	-2	1
2	-1	0	-1	-1	1
2	-1	0	-1	0	1
2	-1	0	-1	1	1
2	-1	0	-1	2	1
2	-1	0	-1	3	1
2	-1	0	0	-3	1
2	-1	0	0	-2	1
2	-1	0	0	-1	1
2	-1	0	0	0	1
2	-1	0	0	1	1
2	-1	0	0	2	1
2	-1	0	0	3	1
2	-1	0	1	-3	1
2	-1	0	1	-2	1
2	-1	0	1	-1	1
2	-1	0	1	0	1
2	-1	0	1	1	1
2	-1	0	1	2	1
2	-1	0	1	3	1
2	-1	0	2	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	0	2	-2	1
2	-1	0	2	-1	1
2	-1	0	2	0	1
2	-1	0	2	1	1
2	-1	0	2	2	1
2	-1	0	2	3	1
2	-1	0	3	-3	1
2	-1	0	3	-2	1
2	-1	0	3	-1	1
2	-1	0	3	0	1
2	-1	0	3	1	1
2	-1	0	3	2	1
2	-1	0	3	3	1
2	-1	1	-3	-3	1
2	-1	1	-3	-2	1
2	-1	1	-3	-1	1
2	-1	1	-3	0	1
2	-1	1	-3	1	1
2	-1	1	-3	2	1
2	-1	1	-3	3	1
2	-1	1	-2	-3	1
2	-1	1	-2	-2	1
2	-1	1	-2	-1	1
2	-1	1	-2	0	1
2	-1	1	-2	1	1
2	-1	1	-2	2	1
2	-1	1	-2	3	1
2	-1	1	-1	-3	1
2	-1	1	-1	-2	1
2	-1	1	-1	-1	1
2	-1	1	-1	0	1
2	-1	1	-1	1	1
2	-1	1	-1	2	1
2	-1	1	-1	3	1
2	-1	1	0	-3	1
2	-1	1	0	-2	1
2	-1	1	0	-1	1
2	-1	1	0	0	1
2	-1	1	0	1	1
2	-1	1	0	2	1
2	-1	1	0	3	1
2	-1	1	1	-3	1
2	-1	1	1	-2	1
2	-1	1	1	-1	1
2	-1	1	1	0	1
2	-1	1	1	1	1
2	-1	1	1	2	1
2	-1	1	1	3	1
2	-1	1	2	-3	1
2	-1	1	2	-2	1
2	-1	1	2	-1	1
2	-1	1	2	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	1	2	1	1
2	-1	1	2	2	1
2	-1	1	2	3	1
2	-1	1	3	-3	1
2	-1	1	3	-2	1
2	-1	1	3	-1	1
2	-1	1	3	0	1
2	-1	1	3	1	1
2	-1	1	3	2	1
2	-1	1	3	3	1
2	-1	2	-3	-3	1
2	-1	2	-3	-2	1
2	-1	2	-3	-1	1
2	-1	2	-3	0	1
2	-1	2	-3	1	1
2	-1	2	-3	2	1
2	-1	2	-3	3	1
2	-1	2	-2	-3	1
2	-1	2	-2	-2	1
2	-1	2	-2	-1	1
2	-1	2	-2	0	1
2	-1	2	-2	1	1
2	-1	2	-2	2	1
2	-1	2	-2	3	1
2	-1	2	-1	-3	1
2	-1	2	-1	-2	1
2	-1	2	-1	-1	1
2	-1	2	-1	0	1
2	-1	2	-1	1	1
2	-1	2	-1	2	1
2	-1	2	-1	3	1
2	-1	2	0	-3	1
2	-1	2	0	-2	1
2	-1	2	0	-1	1
2	-1	2	0	0	1
2	-1	2	0	1	1
2	-1	2	0	2	1
2	-1	2	0	3	1
2	-1	2	1	-3	1
2	-1	2	1	-2	1
2	-1	2	1	-1	1
2	-1	2	1	0	1
2	-1	2	1	1	1
2	-1	2	1	2	1
2	-1	2	1	3	1
2	-1	2	2	-3	1
2	-1	2	2	-2	1
2	-1	2	2	-1	1
2	-1	2	2	0	1
2	-1	2	2	1	1
2	-1	2	2	2	1
2	-1	2	2	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	2	3	-3	1
2	-1	2	3	-2	1
2	-1	2	3	-1	1
2	-1	2	3	0	1
2	-1	2	3	1	1
2	-1	2	3	2	1
2	-1	2	3	3	1
2	-1	3	-3	-3	1
2	-1	3	-3	-2	1
2	-1	3	-3	-1	1
2	-1	3	-3	0	1
2	-1	3	-3	1	1
2	-1	3	-3	2	1
2	-1	3	-3	3	1
2	-1	3	-2	-3	1
2	-1	3	-2	-2	1
2	-1	3	-2	-1	1
2	-1	3	-2	0	1
2	-1	3	-2	1	1
2	-1	3	-2	2	1
2	-1	3	-2	3	1
2	-1	3	-1	-3	1
2	-1	3	-1	-2	1
2	-1	3	-1	-1	1
2	-1	3	-1	0	1
2	-1	3	-1	1	1
2	-1	3	-1	2	1
2	-1	3	-1	3	1
2	-1	3	0	-3	1
2	-1	3	0	-2	1
2	-1	3	0	-1	1
2	-1	3	0	0	1
2	-1	3	0	1	1
2	-1	3	0	2	1
2	-1	3	0	3	1
2	-1	3	1	-3	1
2	-1	3	1	-2	1
2	-1	3	1	-1	1
2	-1	3	1	0	1
2	-1	3	1	1	1
2	-1	3	1	2	1
2	-1	3	1	3	1
2	-1	3	2	-3	1
2	-1	3	2	-2	1
2	-1	3	2	-1	1
2	-1	3	2	0	1
2	-1	3	2	1	1
2	-1	3	2	2	1
2	-1	3	2	3	1
2	-1	3	3	-3	0
2	-1	3	3	-2	0
2	-1	3	3	-1	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	-1	3	3	0	0
2	-1	3	3	1	0
2	-1	3	3	2	0
2	-1	3	3	3	0
2	0	-3	-3	-3	1
2	0	-3	-3	-2	1
2	0	-3	-3	-1	1
2	0	-3	-3	0	1
2	0	-3	-3	1	1
2	0	-3	-3	2	1
2	0	-3	-3	3	1
2	0	-3	-2	-3	1
2	0	-3	-2	-2	1
2	0	-3	-2	-1	1
2	0	-3	-2	0	1
2	0	-3	-2	1	1
2	0	-3	-2	2	1
2	0	-3	-2	3	1
2	0	-3	-1	-3	1
2	0	-3	-1	-2	1
2	0	-3	-1	-1	1
2	0	-3	-1	0	1
2	0	-3	-1	1	1
2	0	-3	-1	2	1
2	0	-3	-1	3	1
2	0	-3	0	-3	1
2	0	-3	0	-2	1
2	0	-3	0	-1	1
2	0	-3	0	0	1
2	0	-3	0	1	1
2	0	-3	0	2	1
2	0	-3	0	3	1
2	0	-3	1	-3	1
2	0	-3	1	-2	1
2	0	-3	1	-1	1
2	0	-3	1	0	1
2	0	-3	1	1	1
2	0	-3	1	2	1
2	0	-3	1	3	1
2	0	-3	2	-3	1
2	0	-3	2	-2	1
2	0	-3	2	-1	1
2	0	-3	2	0	1
2	0	-3	2	1	1
2	0	-3	2	2	1
2	0	-3	2	3	1
2	0	-3	3	-3	1
2	0	-3	3	-2	1
2	0	-3	3	-1	1
2	0	-3	3	0	1
2	0	-3	3	1	1
2	0	-3	3	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	0	-3	3	3	1
2	0	-2	-3	-3	1
2	0	-2	-3	-2	1
2	0	-2	-3	-1	1
2	0	-2	-3	0	1
2	0	-2	-3	1	1
2	0	-2	-3	2	1
2	0	-2	-3	3	1
2	0	-2	-2	-3	1
2	0	-2	-2	-2	1
2	0	-2	-2	-1	1
2	0	-2	-2	0	1
2	0	-2	-2	1	1
2	0	-2	-2	2	1
2	0	-2	-2	3	1
2	0	-2	-1	-3	1
2	0	-2	-1	-2	1
2	0	-2	-1	-1	1
2	0	-2	-1	0	1
2	0	-2	-1	1	1
2	0	-2	-1	2	1
2	0	-2	-1	3	1
2	0	-2	0	-3	1
2	0	-2	0	-2	1
2	0	-2	0	-1	1
2	0	-2	0	0	1
2	0	-2	0	1	1
2	0	-2	0	2	1
2	0	-2	0	3	1
2	0	-2	1	-3	1
2	0	-2	1	-2	1
2	0	-2	1	-1	1
2	0	-2	1	0	1
2	0	-2	1	1	1
2	0	-2	1	2	1
2	0	-2	1	3	1
2	0	-2	2	-3	1
2	0	-2	2	-2	1
2	0	-2	2	-1	1
2	0	-2	2	0	1
2	0	-2	2	1	1
2	0	-2	2	2	1
2	0	-2	2	3	1
2	0	-2	3	-3	1
2	0	-2	3	-2	1
2	0	-2	3	-1	1
2	0	-2	3	0	1
2	0	-2	3	1	1
2	0	-2	3	2	1
2	0	-2	3	3	1
2	0	-1	-3	-3	1
2	0	-1	-3	-2	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	0	-1	-3	-1	1
2	0	-1	-3	0	1
2	0	-1	-3	1	1
2	0	-1	-3	2	1
2	0	-1	-3	3	1
2	0	-1	-2	-3	1
2	0	-1	-2	-2	1
2	0	-1	-2	-1	1
2	0	-1	-2	0	1
2	0	-1	-2	1	1
2	0	-1	-2	2	1
2	0	-1	-2	3	1
2	0	-1	-1	-3	1
2	0	-1	-1	-2	1
2	0	-1	-1	-1	1
2	0	-1	-1	0	1
2	0	-1	-1	1	1
2	0	-1	-1	2	1
2	0	-1	-1	3	1
2	0	-1	0	-3	1
2	0	-1	0	-2	1
2	0	-1	0	-1	1
2	0	-1	0	0	1
2	0	-1	0	1	1
2	0	-1	0	2	1
2	0	-1	0	3	1
2	0	-1	1	-3	1
2	0	-1	1	-2	1
2	0	-1	1	-1	1
2	0	-1	1	0	1
2	0	-1	1	1	1
2	0	-1	1	2	1
2	0	-1	1	3	1
2	0	-1	2	-3	1
2	0	-1	2	-2	1
2	0	-1	2	-1	1
2	0	-1	2	0	1
2	0	-1	2	1	1
2	0	-1	2	2	1
2	0	-1	2	3	1
2	0	-1	3	-3	1
2	0	-1	3	-2	1
2	0	-1	3	-1	1
2	0	-1	3	0	1
2	0	-1	3	1	1
2	0	-1	3	2	1
2	0	-1	3	3	1
2	0	0	-3	-3	1
2	0	0	-3	-2	1
2	0	0	-3	-1	1
2	0	0	-3	0	1
2	0	0	-3	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	0	0	-3	2	1
2	0	0	-3	3	1
2	0	0	-2	-3	1
2	0	0	-2	-2	1
2	0	0	-2	-1	1
2	0	0	-2	0	1
2	0	0	-2	1	1
2	0	0	-2	2	1
2	0	0	-2	3	1
2	0	0	-1	-3	1
2	0	0	-1	-2	1
2	0	0	-1	-1	1
2	0	0	-1	0	1
2	0	0	-1	1	1
2	0	0	-1	2	1
2	0	0	-1	3	1
2	0	0	0	-3	1
2	0	0	0	-2	1
2	0	0	0	-1	1
2	0	0	0	0	1
2	0	0	0	1	1
2	0	0	0	2	1
2	0	0	0	3	1
2	0	0	1	-3	1
2	0	0	1	-2	1
2	0	0	1	-1	1
2	0	0	1	0	1
2	0	0	1	1	1
2	0	0	1	2	1
2	0	0	1	3	1
2	0	0	2	-3	1
2	0	0	2	-2	1
2	0	0	2	-1	1
2	0	0	2	0	1
2	0	0	2	1	1
2	0	0	2	2	1
2	0	0	2	3	1
2	0	0	3	-3	1
2	0	0	3	-2	1
2	0	0	3	-1	1
2	0	0	3	0	1
2	0	0	3	1	1
2	0	0	3	2	1
2	0	0	3	3	1
2	0	1	-3	-3	1
2	0	1	-3	-2	1
2	0	1	-3	-1	1
2	0	1	-3	0	1
2	0	1	-3	1	1
2	0	1	-3	2	1
2	0	1	-3	3	1
2	0	1	-2	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	0	1	-2	-2	1
2	0	1	-2	-1	1
2	0	1	-2	0	1
2	0	1	-2	1	1
2	0	1	-2	2	1
2	0	1	-2	3	1
2	0	1	-1	-3	1
2	0	1	-1	-2	1
2	0	1	-1	-1	1
2	0	1	-1	0	1
2	0	1	-1	1	1
2	0	1	-1	2	1
2	0	1	-1	3	1
2	0	1	0	-3	1
2	0	1	0	-2	1
2	0	1	0	-1	1
2	0	1	0	0	1
2	0	1	0	1	1
2	0	1	0	2	1
2	0	1	0	3	1
2	0	1	1	-3	1
2	0	1	1	-2	1
2	0	1	1	-1	1
2	0	1	1	0	1
2	0	1	1	1	1
2	0	1	1	2	1
2	0	1	1	3	1
2	0	1	2	-3	1
2	0	1	2	-2	1
2	0	1	2	-1	1
2	0	1	2	0	1
2	0	1	2	1	1
2	0	1	2	2	1
2	0	1	2	3	1
2	0	1	3	-3	1
2	0	1	3	-2	1
2	0	1	3	-1	1
2	0	1	3	0	1
2	0	1	3	1	1
2	0	1	3	2	1
2	0	1	3	3	1
2	0	2	-3	-3	1
2	0	2	-3	-2	1
2	0	2	-3	-1	1
2	0	2	-3	0	1
2	0	2	-3	1	1
2	0	2	-3	2	1
2	0	2	-3	3	1
2	0	2	-2	-3	1
2	0	2	-2	-2	1
2	0	2	-2	-1	1
2	0	2	-2	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	0	2	-2	1	1
2	0	2	-2	2	1
2	0	2	-2	3	1
2	0	2	-1	-3	1
2	0	2	-1	-2	1
2	0	2	-1	-1	1
2	0	2	-1	0	1
2	0	2	-1	1	1
2	0	2	-1	2	1
2	0	2	-1	3	1
2	0	2	0	-3	1
2	0	2	0	-2	1
2	0	2	0	-1	1
2	0	2	0	0	1
2	0	2	0	1	1
2	0	2	0	2	1
2	0	2	0	3	1
2	0	2	1	-3	1
2	0	2	1	-2	1
2	0	2	1	-1	1
2	0	2	1	0	1
2	0	2	1	1	1
2	0	2	1	2	1
2	0	2	1	3	1
2	0	2	2	-3	1
2	0	2	2	-2	1
2	0	2	2	-1	1
2	0	2	2	0	1
2	0	2	2	1	1
2	0	2	2	2	1
2	0	2	2	3	1
2	0	2	3	-3	0
2	0	2	3	-2	0
2	0	2	3	-1	0
2	0	2	3	0	0
2	0	2	3	1	0
2	0	2	3	2	0
2	0	2	3	3	0
2	0	3	-3	-3	1
2	0	3	-3	-2	1
2	0	3	-3	-1	1
2	0	3	-3	0	1
2	0	3	-3	1	1
2	0	3	-3	2	1
2	0	3	-3	3	1
2	0	3	-2	-3	1
2	0	3	-2	-2	1
2	0	3	-2	-1	1
2	0	3	-2	0	1
2	0	3	-2	1	1
2	0	3	-2	2	1
2	0	3	-2	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	0	3	-1	-3	1
2	0	3	-1	-2	1
2	0	3	-1	-1	1
2	0	3	-1	0	1
2	0	3	-1	1	1
2	0	3	-1	2	1
2	0	3	-1	3	1
2	0	3	0	-3	1
2	0	3	0	-2	1
2	0	3	0	-1	1
2	0	3	0	0	1
2	0	3	0	1	1
2	0	3	0	2	1
2	0	3	0	3	1
2	0	3	1	-3	1
2	0	3	1	-2	1
2	0	3	1	-1	1
2	0	3	1	0	1
2	0	3	1	1	1
2	0	3	1	2	1
2	0	3	1	3	1
2	0	3	2	-3	1
2	0	3	2	-2	1
2	0	3	2	-1	1
2	0	3	2	0	1
2	0	3	2	1	1
2	0	3	2	2	1
2	0	3	2	3	1
2	0	3	3	-3	0
2	0	3	3	-2	0
2	0	3	3	-1	0
2	0	3	3	0	0
2	0	3	3	1	0
2	0	3	3	2	0
2	0	3	3	3	0
2	1	-3	-3	-3	1
2	1	-3	-3	-2	1
2	1	-3	-3	-1	1
2	1	-3	-3	0	1
2	1	-3	-3	1	1
2	1	-3	-3	2	1
2	1	-3	-3	3	1
2	1	-3	-2	-3	1
2	1	-3	-2	-2	1
2	1	-3	-2	-1	1
2	1	-3	-2	0	1
2	1	-3	-2	1	1
2	1	-3	-2	2	1
2	1	-3	-2	3	1
2	1	-3	-1	-3	1
2	1	-3	-1	-2	1
2	1	-3	-1	-1	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	-3	-1	0	1
2	1	-3	-1	1	1
2	1	-3	-1	2	1
2	1	-3	-1	3	1
2	1	-3	0	-3	1
2	1	-3	0	-2	1
2	1	-3	0	-1	1
2	1	-3	0	0	1
2	1	-3	0	1	1
2	1	-3	0	2	1
2	1	-3	0	3	1
2	1	-3	1	-3	1
2	1	-3	1	-2	1
2	1	-3	1	-1	1
2	1	-3	1	0	1
2	1	-3	1	1	1
2	1	-3	1	2	1
2	1	-3	1	3	1
2	1	-3	2	-3	1
2	1	-3	2	-2	1
2	1	-3	2	-1	1
2	1	-3	2	0	1
2	1	-3	2	1	1
2	1	-3	2	2	1
2	1	-3	2	3	1
2	1	-3	3	-3	1
2	1	-3	3	-2	1
2	1	-3	3	-1	1
2	1	-3	3	0	1
2	1	-3	3	1	1
2	1	-3	3	2	1
2	1	-3	3	3	1
2	1	-2	-3	-3	1
2	1	-2	-3	-2	1
2	1	-2	-3	-1	1
2	1	-2	-3	0	1
2	1	-2	-3	1	1
2	1	-2	-3	2	1
2	1	-2	-3	3	1
2	1	-2	-2	-3	1
2	1	-2	-2	-2	1
2	1	-2	-2	-1	1
2	1	-2	-2	0	1
2	1	-2	-2	1	1
2	1	-2	-2	2	1
2	1	-2	-2	3	1
2	1	-2	-1	-3	1
2	1	-2	-1	-2	1
2	1	-2	-1	-1	1
2	1	-2	-1	0	1
2	1	-2	-1	1	1
2	1	-2	-1	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	-2	-1	3	1
2	1	-2	0	-3	1
2	1	-2	0	-2	1
2	1	-2	0	-1	1
2	1	-2	0	0	1
2	1	-2	0	1	1
2	1	-2	0	2	1
2	1	-2	0	3	1
2	1	-2	1	-3	1
2	1	-2	1	-2	1
2	1	-2	1	-1	1
2	1	-2	1	0	1
2	1	-2	1	1	1
2	1	-2	1	2	1
2	1	-2	1	3	1
2	1	-2	2	-3	1
2	1	-2	2	-2	1
2	1	-2	2	-1	1
2	1	-2	2	0	1
2	1	-2	2	1	1
2	1	-2	2	2	1
2	1	-2	2	3	1
2	1	-2	3	-3	1
2	1	-2	3	-2	1
2	1	-2	3	-1	1
2	1	-2	3	0	1
2	1	-2	3	1	1
2	1	-2	3	2	1
2	1	-2	3	3	1
2	1	-1	-3	-3	1
2	1	-1	-3	-2	1
2	1	-1	-3	-1	1
2	1	-1	-3	0	1
2	1	-1	-3	1	1
2	1	-1	-3	2	1
2	1	-1	-3	3	1
2	1	-1	-2	-3	1
2	1	-1	-2	-2	1
2	1	-1	-2	-1	1
2	1	-1	-2	0	1
2	1	-1	-2	1	1
2	1	-1	-2	2	1
2	1	-1	-2	3	1
2	1	-1	-1	-3	1
2	1	-1	-1	-2	1
2	1	-1	-1	-1	1
2	1	-1	-1	0	1
2	1	-1	-1	1	1
2	1	-1	-1	2	1
2	1	-1	-1	3	1
2	1	-1	0	-3	1
2	1	-1	0	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	-1	0	-1	1
2	1	-1	0	0	1
2	1	-1	0	1	1
2	1	-1	0	2	1
2	1	-1	0	3	1
2	1	-1	1	-3	1
2	1	-1	1	-2	1
2	1	-1	1	-1	1
2	1	-1	1	0	1
2	1	-1	1	1	1
2	1	-1	1	2	1
2	1	-1	1	3	1
2	1	-1	2	-3	1
2	1	-1	2	-2	1
2	1	-1	2	-1	1
2	1	-1	2	0	1
2	1	-1	2	1	1
2	1	-1	2	2	1
2	1	-1	2	3	1
2	1	-1	3	-3	1
2	1	-1	3	-2	1
2	1	-1	3	-1	1
2	1	-1	3	0	1
2	1	-1	3	1	1
2	1	-1	3	2	1
2	1	-1	3	3	1
2	1	0	-3	-3	1
2	1	0	-3	-2	1
2	1	0	-3	-1	1
2	1	0	-3	0	1
2	1	0	-3	1	1
2	1	0	-3	2	1
2	1	0	-3	3	1
2	1	0	-2	-3	1
2	1	0	-2	-2	1
2	1	0	-2	-1	1
2	1	0	-2	0	1
2	1	0	-2	1	1
2	1	0	-2	2	1
2	1	0	-2	3	1
2	1	0	-1	-3	1
2	1	0	-1	-2	1
2	1	0	-1	-1	1
2	1	0	-1	0	1
2	1	0	-1	1	1
2	1	0	-1	2	1
2	1	0	-1	3	1
2	1	0	0	-3	1
2	1	0	0	-2	1
2	1	0	0	-1	1
2	1	0	0	0	1
2	1	0	0	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	0	0	2	1
2	1	0	0	3	1
2	1	0	1	-3	1
2	1	0	1	-2	1
2	1	0	1	-1	1
2	1	0	1	0	1
2	1	0	1	1	1
2	1	0	1	2	1
2	1	0	1	3	1
2	1	0	2	-3	1
2	1	0	2	-2	1
2	1	0	2	-1	1
2	1	0	2	0	1
2	1	0	2	1	1
2	1	0	2	2	1
2	1	0	2	3	1
2	1	0	3	-3	1
2	1	0	3	-2	1
2	1	0	3	-1	1
2	1	0	3	0	1
2	1	0	3	1	1
2	1	0	3	2	1
2	1	0	3	3	1
2	1	1	-3	-3	1
2	1	1	-3	-2	1
2	1	1	-3	-1	1
2	1	1	-3	0	1
2	1	1	-3	1	1
2	1	1	-3	2	1
2	1	1	-3	3	1
2	1	1	-2	-3	1
2	1	1	-2	-2	1
2	1	1	-2	-1	1
2	1	1	-2	0	1
2	1	1	-2	1	1
2	1	1	-2	2	1
2	1	1	-2	3	1
2	1	1	-1	-3	1
2	1	1	-1	-2	1
2	1	1	-1	-1	1
2	1	1	-1	0	1
2	1	1	-1	1	1
2	1	1	-1	2	1
2	1	1	-1	3	1
2	1	1	0	-3	1
2	1	1	0	-2	1
2	1	1	0	-1	1
2	1	1	0	0	1
2	1	1	0	1	1
2	1	1	0	2	1
2	1	1	0	3	1
2	1	1	1	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	1	1	-2	1
2	1	1	1	-1	1
2	1	1	1	0	1
2	1	1	1	1	1
2	1	1	1	2	1
2	1	1	1	3	1
2	1	1	2	-3	1
2	1	1	2	-2	1
2	1	1	2	-1	1
2	1	1	2	0	1
2	1	1	2	1	1
2	1	1	2	2	1
2	1	1	2	3	1
2	1	1	3	-3	0
2	1	1	3	-2	0
2	1	1	3	-1	0
2	1	1	3	0	0
2	1	1	3	1	0
2	1	1	3	2	0
2	1	1	3	3	0
2	1	2	-3	-3	1
2	1	2	-3	-2	1
2	1	2	-3	-1	1
2	1	2	-3	0	1
2	1	2	-3	1	1
2	1	2	-3	2	1
2	1	2	-3	3	1
2	1	2	-2	-3	1
2	1	2	-2	-2	1
2	1	2	-2	-1	1
2	1	2	-2	0	1
2	1	2	-2	1	1
2	1	2	-2	2	1
2	1	2	-2	3	1
2	1	2	-1	-3	1
2	1	2	-1	-2	1
2	1	2	-1	-1	1
2	1	2	-1	0	1
2	1	2	-1	1	1
2	1	2	-1	2	1
2	1	2	-1	3	1
2	1	2	0	-3	1
2	1	2	0	-2	1
2	1	2	0	-1	1
2	1	2	0	0	1
2	1	2	0	1	1
2	1	2	0	2	1
2	1	2	0	3	1
2	1	2	1	-3	1
2	1	2	1	-2	1
2	1	2	1	-1	1
2	1	2	1	0	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	2	1	1	1
2	1	2	1	2	1
2	1	2	1	3	1
2	1	2	2	-3	1
2	1	2	2	-2	1
2	1	2	2	-1	1
2	1	2	2	0	1
2	1	2	2	1	1
2	1	2	2	2	1
2	1	2	2	3	1
2	1	2	3	-3	0
2	1	2	3	-2	0
2	1	2	3	-1	0
2	1	2	3	0	0
2	1	2	3	1	0
2	1	2	3	2	0
2	1	2	3	3	0
2	1	3	-3	-3	1
2	1	3	-3	-2	1
2	1	3	-3	-1	1
2	1	3	-3	0	1
2	1	3	-3	1	1
2	1	3	-3	2	1
2	1	3	-3	3	1
2	1	3	-2	-3	1
2	1	3	-2	-2	1
2	1	3	-2	-1	1
2	1	3	-2	0	1
2	1	3	-2	1	1
2	1	3	-2	2	1
2	1	3	-2	3	1
2	1	3	-1	-3	1
2	1	3	-1	-2	1
2	1	3	-1	-1	1
2	1	3	-1	0	1
2	1	3	-1	1	1
2	1	3	-1	2	1
2	1	3	-1	3	1
2	1	3	0	-3	1
2	1	3	0	-2	1
2	1	3	0	-1	1
2	1	3	0	0	1
2	1	3	0	1	1
2	1	3	0	2	1
2	1	3	0	3	1
2	1	3	1	-3	1
2	1	3	1	-2	1
2	1	3	1	-1	1
2	1	3	1	0	1
2	1	3	1	1	1
2	1	3	1	2	1
2	1	3	1	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	1	3	2	-3	0
2	1	3	2	-2	0
2	1	3	2	-1	0
2	1	3	2	0	0
2	1	3	2	1	0
2	1	3	2	2	0
2	1	3	2	3	2
2	1	3	3	-3	0
2	1	3	3	-2	0
2	1	3	3	-1	0
2	1	3	3	0	0
2	1	3	3	1	0
2	1	3	3	2	0
2	1	3	3	3	0
2	2	-3	-3	-3	0
2	2	-3	-3	-2	0
2	2	-3	-3	-1	0
2	2	-3	-3	0	0
2	2	-3	-3	1	0
2	2	-3	-3	2	0
2	2	-3	-3	3	0
2	2	-3	-2	-3	0
2	2	-3	-2	-2	0
2	2	-3	-2	-1	0
2	2	-3	-2	0	0
2	2	-3	-2	1	0
2	2	-3	-2	2	0
2	2	-3	-2	3	0
2	2	-3	-1	-3	0
2	2	-3	-1	-2	0
2	2	-3	-1	-1	0
2	2	-3	-1	0	0
2	2	-3	-1	1	0
2	2	-3	-1	2	0
2	2	-3	-1	3	0
2	2	-3	0	-3	0
2	2	-3	0	-2	0
2	2	-3	0	-1	0
2	2	-3	0	0	0
2	2	-3	0	1	0
2	2	-3	0	2	0
2	2	-3	0	3	0
2	2	-3	1	-3	0
2	2	-3	1	-2	0
2	2	-3	1	-1	0
2	2	-3	1	0	0
2	2	-3	1	1	0
2	2	-3	1	2	0
2	2	-3	1	3	0
2	2	-3	2	-3	0
2	2	-3	2	-2	0
2	2	-3	2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	2	-3	2	0	0
2	2	-3	2	1	0
2	2	-3	2	2	0
2	2	-3	2	3	0
2	2	-3	3	-3	0
2	2	-3	3	-2	0
2	2	-3	3	-1	0
2	2	-3	3	0	0
2	2	-3	3	1	0
2	2	-3	3	2	0
2	2	-3	3	3	0
2	2	-2	-3	-3	0
2	2	-2	-3	-2	0
2	2	-2	-3	-1	0
2	2	-2	-3	0	0
2	2	-2	-3	1	0
2	2	-2	-3	2	0
2	2	-2	-3	3	0
2	2	-2	-2	-3	0
2	2	-2	-2	-2	0
2	2	-2	-2	-1	0
2	2	-2	-2	0	0
2	2	-2	-2	1	0
2	2	-2	-2	2	0
2	2	-2	-2	3	0
2	2	-2	-1	-3	0
2	2	-2	-1	-2	0
2	2	-2	-1	-1	0
2	2	-2	-1	0	0
2	2	-2	-1	1	0
2	2	-2	-1	2	0
2	2	-2	-1	3	0
2	2	-2	0	-3	0
2	2	-2	0	-2	0
2	2	-2	0	-1	0
2	2	-2	0	0	0
2	2	-2	0	1	0
2	2	-2	0	2	0
2	2	-2	0	3	0
2	2	-2	1	-3	0
2	2	-2	1	-2	0
2	2	-2	1	-1	0
2	2	-2	1	0	0
2	2	-2	1	1	0
2	2	-2	1	2	0
2	2	-2	1	3	0
2	2	-2	2	-3	0
2	2	-2	2	-2	0
2	2	-2	2	-1	0
2	2	-2	2	0	0
2	2	-2	2	1	0
2	2	-2	2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	2	-2	2	3	0
2	2	-2	3	-3	0
2	2	-2	3	-2	0
2	2	-2	3	-1	0
2	2	-2	3	0	0
2	2	-2	3	1	0
2	2	-2	3	2	0
2	2	-2	3	3	0
2	2	-1	-3	-3	1
2	2	-1	-3	-2	1
2	2	-1	-3	-1	1
2	2	-1	-3	0	1
2	2	-1	-3	1	1
2	2	-1	-3	2	1
2	2	-1	-3	3	1
2	2	-1	-2	-3	1
2	2	-1	-2	-2	1
2	2	-1	-2	-1	1
2	2	-1	-2	0	1
2	2	-1	-2	1	1
2	2	-1	-2	2	1
2	2	-1	-2	3	1
2	2	-1	-1	-3	0
2	2	-1	-1	-2	0
2	2	-1	-1	-1	0
2	2	-1	-1	0	0
2	2	-1	-1	1	0
2	2	-1	-1	2	0
2	2	-1	-1	3	0
2	2	-1	0	-3	0
2	2	-1	0	-2	0
2	2	-1	0	-1	0
2	2	-1	0	0	0
2	2	-1	0	1	0
2	2	-1	0	2	0
2	2	-1	0	3	0
2	2	-1	1	-3	0
2	2	-1	1	-2	0
2	2	-1	1	-1	0
2	2	-1	1	0	0
2	2	-1	1	1	0
2	2	-1	1	2	0
2	2	-1	1	3	0
2	2	-1	2	-3	0
2	2	-1	2	-2	0
2	2	-1	2	-1	0
2	2	-1	2	0	0
2	2	-1	2	1	0
2	2	-1	2	2	0
2	2	-1	2	3	0
2	2	-1	3	-3	0
2	2	-1	3	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	2	-1	3	-1	0
2	2	-1	3	0	0
2	2	-1	3	1	0
2	2	-1	3	2	0
2	2	-1	3	3	0
2	2	0	-3	-3	1
2	2	0	-3	-2	1
2	2	0	-3	-1	1
2	2	0	-3	0	1
2	2	0	-3	1	1
2	2	0	-3	2	1
2	2	0	-3	3	1
2	2	0	-2	-3	1
2	2	0	-2	-2	1
2	2	0	-2	-1	1
2	2	0	-2	0	1
2	2	0	-2	1	1
2	2	0	-2	2	1
2	2	0	-2	3	1
2	2	0	-1	-3	1
2	2	0	-1	-2	1
2	2	0	-1	-1	1
2	2	0	-1	0	1
2	2	0	-1	1	1
2	2	0	-1	2	1
2	2	0	-1	3	1
2	2	0	0	-3	0
2	2	0	0	-2	0
2	2	0	0	-1	0
2	2	0	0	0	0
2	2	0	0	1	0
2	2	0	0	2	1
2	2	0	0	3	1
2	2	0	1	-3	0
2	2	0	1	-2	0
2	2	0	1	-1	0
2	2	0	1	0	0
2	2	0	1	1	0
2	2	0	1	2	0
2	2	0	1	3	0
2	2	0	2	-3	0
2	2	0	2	-2	0
2	2	0	2	-1	0
2	2	0	2	0	0
2	2	0	2	1	0
2	2	0	2	2	0
2	2	0	2	3	0
2	2	0	3	-3	0
2	2	0	3	-2	0
2	2	0	3	-1	0
2	2	0	3	0	0
2	2	0	3	1	0

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	2	0	3	2	0
2	2	0	3	3	0
2	2	1	-3	-3	1
2	2	1	-3	-2	1
2	2	1	-3	-1	1
2	2	1	-3	0	1
2	2	1	-3	1	1
2	2	1	-3	2	1
2	2	1	-3	3	1
2	2	1	-2	-3	1
2	2	1	-2	-2	1
2	2	1	-2	-1	1
2	2	1	-2	0	1
2	2	1	-2	1	1
2	2	1	-2	2	1
2	2	1	-2	3	1
2	2	1	-1	-3	1
2	2	1	-1	-2	1
2	2	1	-1	-1	1
2	2	1	-1	0	1
2	2	1	-1	1	1
2	2	1	-1	2	1
2	2	1	-1	3	1
2	2	1	0	-3	1
2	2	1	0	-2	1
2	2	1	0	-1	1
2	2	1	0	0	1
2	2	1	0	1	1
2	2	1	0	2	1
2	2	1	0	3	1
2	2	1	1	-3	0
2	2	1	1	-2	0
2	2	1	1	-1	0
2	2	1	1	0	0
2	2	1	1	1	0
2	2	1	1	2	0
2	2	1	1	3	2
2	2	1	2	-3	0
2	2	1	2	-2	0
2	2	1	2	-1	0
2	2	1	2	0	0
2	2	1	2	1	0
2	2	1	2	2	0
2	2	1	2	3	0
2	2	1	3	-3	0
2	2	1	3	-2	0
2	2	1	3	-1	0
2	2	1	3	0	0
2	2	1	3	1	0
2	2	1	3	2	0
2	2	1	3	3	0
2	2	2	-3	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	2	2	-3	-2	1
2	2	2	-3	-1	1
2	2	2	-3	0	1
2	2	2	-3	1	1
2	2	2	-3	2	1
2	2	2	-3	3	1
2	2	2	-2	-3	1
2	2	2	-2	-2	1
2	2	2	-2	-1	1
2	2	2	-2	0	1
2	2	2	-2	1	1
2	2	2	-2	2	1
2	2	2	-2	3	1
2	2	2	-1	-3	1
2	2	2	-1	-2	1
2	2	2	-1	-1	1
2	2	2	-1	0	1
2	2	2	-1	1	1
2	2	2	-1	2	1
2	2	2	-1	3	1
2	2	2	0	-3	1
2	2	2	0	-2	1
2	2	2	0	-1	1
2	2	2	0	0	1
2	2	2	0	1	1
2	2	2	0	2	1
2	2	2	0	3	1
2	2	2	1	-3	1
2	2	2	1	-2	1
2	2	2	1	-1	1
2	2	2	1	0	1
2	2	2	1	1	1
2	2	2	1	2	1
2	2	2	1	3	1
2	2	2	2	-3	0
2	2	2	2	-2	0
2	2	2	2	-1	0
2	2	2	2	0	0
2	2	2	2	1	0
2	2	2	2	2	0
2	2	2	2	3	0
2	2	2	3	-3	0
2	2	2	3	-2	0
2	2	2	3	-1	0
2	2	2	3	0	0
2	2	2	3	1	0
2	2	2	3	2	0
2	2	2	3	3	0
2	2	3	-3	-3	1
2	2	3	-3	-2	1
2	2	3	-3	-1	1
2	2	3	-3	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	2	3	-3	1	1
2	2	3	-3	2	1
2	2	3	-3	3	1
2	2	3	-2	-3	1
2	2	3	-2	-2	1
2	2	3	-2	-1	1
2	2	3	-2	0	1
2	2	3	-2	1	1
2	2	3	-2	2	1
2	2	3	-2	3	1
2	2	3	-1	-3	1
2	2	3	-1	-2	1
2	2	3	-1	-1	1
2	2	3	-1	0	1
2	2	3	-1	1	1
2	2	3	-1	2	1
2	2	3	-1	3	1
2	2	3	0	-3	1
2	2	3	0	-2	1
2	2	3	0	-1	1
2	2	3	0	0	1
2	2	3	0	1	1
2	2	3	0	2	1
2	2	3	0	3	1
2	2	3	1	-3	1
2	2	3	1	-2	1
2	2	3	1	-1	1
2	2	3	1	0	1
2	2	3	1	1	1
2	2	3	1	2	1
2	2	3	1	3	1
2	2	3	2	-3	0
2	2	3	2	-2	0
2	2	3	2	-1	0
2	2	3	2	0	0
2	2	3	2	1	0
2	2	3	2	2	0
2	2	3	2	3	0
2	2	3	3	-3	0
2	2	3	3	-2	0
2	2	3	3	-1	0
2	2	3	3	0	0
2	2	3	3	1	0
2	2	3	3	2	0
2	2	3	3	3	0
2	3	-3	-3	-3	0
2	3	-3	-3	-2	0
2	3	-3	-3	-1	0
2	3	-3	-3	0	0
2	3	-3	-3	1	0
2	3	-3	-3	2	0
2	3	-3	-3	3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	-3	-2	-3	0
2	3	-3	-2	-2	0
2	3	-3	-2	-1	0
2	3	-3	-2	0	0
2	3	-3	-2	1	0
2	3	-3	-2	2	0
2	3	-3	-2	3	0
2	3	-3	-1	-3	0
2	3	-3	-1	-2	0
2	3	-3	-1	-1	0
2	3	-3	-1	0	0
2	3	-3	-1	1	0
2	3	-3	-1	2	0
2	3	-3	-1	3	0
2	3	-3	0	-3	0
2	3	-3	0	-2	0
2	3	-3	0	-1	0
2	3	-3	0	0	0
2	3	-3	0	1	0
2	3	-3	0	2	0
2	3	-3	0	3	0
2	3	-3	1	-3	0
2	3	-3	1	-2	0
2	3	-3	1	-1	0
2	3	-3	1	0	0
2	3	-3	1	1	0
2	3	-3	1	2	0
2	3	-3	1	3	0
2	3	-3	2	-3	0
2	3	-3	2	-2	0
2	3	-3	2	-1	0
2	3	-3	2	0	0
2	3	-3	2	1	0
2	3	-3	2	2	0
2	3	-3	2	3	0
2	3	-3	3	-3	0
2	3	-3	3	-2	0
2	3	-3	3	-1	0
2	3	-3	3	0	0
2	3	-3	3	1	0
2	3	-3	3	2	0
2	3	-3	3	3	0
2	3	-2	-3	-3	0
2	3	-2	-3	-2	0
2	3	-2	-3	-1	0
2	3	-2	-3	0	0
2	3	-2	-3	1	0
2	3	-2	-3	2	0
2	3	-2	-3	3	0
2	3	-2	-2	-3	0
2	3	-2	-2	-2	0
2	3	-2	-2	-1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	-2	-2	0	0
2	3	-2	-2	1	0
2	3	-2	-2	2	0
2	3	-2	-2	3	0
2	3	-2	-1	-3	0
2	3	-2	-1	-2	0
2	3	-2	-1	-1	0
2	3	-2	-1	0	0
2	3	-2	-1	1	0
2	3	-2	-1	2	0
2	3	-2	-1	3	0
2	3	-2	0	-3	0
2	3	-2	0	-2	0
2	3	-2	0	-1	0
2	3	-2	0	0	0
2	3	-2	0	1	0
2	3	-2	0	2	0
2	3	-2	0	3	0
2	3	-2	1	-3	0
2	3	-2	1	-2	0
2	3	-2	1	-1	0
2	3	-2	1	0	0
2	3	-2	1	1	0
2	3	-2	1	2	0
2	3	-2	1	3	0
2	3	-2	2	-3	0
2	3	-2	2	-2	0
2	3	-2	2	-1	0
2	3	-2	2	0	0
2	3	-2	2	1	0
2	3	-2	2	2	0
2	3	-2	2	3	0
2	3	-2	3	-3	0
2	3	-2	3	-2	0
2	3	-2	3	-1	0
2	3	-2	3	0	0
2	3	-2	3	1	0
2	3	-2	3	2	0
2	3	-2	3	3	0
2	3	-1	-3	-3	0
2	3	-1	-3	-2	0
2	3	-1	-3	-1	0
2	3	-1	-3	0	0
2	3	-1	-3	1	0
2	3	-1	-3	2	0
2	3	-1	-3	3	0
2	3	-1	-2	-3	0
2	3	-1	-2	-2	0
2	3	-1	-2	-1	0
2	3	-1	-2	0	0
2	3	-1	-2	1	0
2	3	-1	-2	2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	-1	-2	3	0
2	3	-1	-1	-3	0
2	3	-1	-1	-2	0
2	3	-1	-1	-1	0
2	3	-1	-1	0	0
2	3	-1	-1	1	0
2	3	-1	-1	2	0
2	3	-1	-1	3	0
2	3	-1	0	-3	0
2	3	-1	0	-2	0
2	3	-1	0	-1	0
2	3	-1	0	0	0
2	3	-1	0	1	0
2	3	-1	0	2	0
2	3	-1	0	3	0
2	3	-1	1	-3	0
2	3	-1	1	-2	0
2	3	-1	1	-1	0
2	3	-1	1	0	0
2	3	-1	1	1	0
2	3	-1	1	2	0
2	3	-1	1	3	0
2	3	-1	2	-3	0
2	3	-1	2	-2	0
2	3	-1	2	-1	0
2	3	-1	2	0	0
2	3	-1	2	1	0
2	3	-1	2	2	0
2	3	-1	2	3	0
2	3	-1	3	-3	0
2	3	-1	3	-2	0
2	3	-1	3	-1	0
2	3	-1	3	0	0
2	3	-1	3	1	0
2	3	-1	3	2	0
2	3	-1	3	3	0
2	3	0	-3	-3	0
2	3	0	-3	-2	0
2	3	0	-3	-1	0
2	3	0	-3	0	0
2	3	0	-3	1	0
2	3	0	-3	2	0
2	3	0	-3	3	0
2	3	0	-2	-3	0
2	3	0	-2	-2	0
2	3	0	-2	-1	0
2	3	0	-2	0	0
2	3	0	-2	1	0
2	3	0	-2	2	0
2	3	0	-2	3	0
2	3	0	-1	-3	0
2	3	0	-1	-2	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	0	-1	-1	0
2	3	0	-1	0	0
2	3	0	-1	1	0
2	3	0	-1	2	0
2	3	0	-1	3	0
2	3	0	0	-3	0
2	3	0	0	-2	0
2	3	0	0	-1	0
2	3	0	0	0	0
2	3	0	0	1	0
2	3	0	0	2	0
2	3	0	0	3	0
2	3	0	1	-3	0
2	3	0	1	-2	0
2	3	0	1	-1	0
2	3	0	1	0	0
2	3	0	1	1	0
2	3	0	1	2	0
2	3	0	1	3	0
2	3	0	2	-3	0
2	3	0	2	-2	0
2	3	0	2	-1	0
2	3	0	2	0	0
2	3	0	2	1	0
2	3	0	2	2	0
2	3	0	2	3	0
2	3	0	3	-3	0
2	3	0	3	-2	0
2	3	0	3	-1	0
2	3	0	3	0	0
2	3	0	3	1	0
2	3	0	3	2	0
2	3	0	3	3	0
2	3	1	-3	-3	1
2	3	1	-3	-2	1
2	3	1	-3	-1	1
2	3	1	-3	0	1
2	3	1	-3	1	1
2	3	1	-3	2	1
2	3	1	-3	3	1
2	3	1	-2	-3	0
2	3	1	-2	-2	0
2	3	1	-2	-1	0
2	3	1	-2	0	0
2	3	1	-2	1	0
2	3	1	-2	2	0
2	3	1	-2	3	0
2	3	1	-1	-3	0
2	3	1	-1	-2	0
2	3	1	-1	-1	0
2	3	1	-1	0	0
2	3	1	-1	1	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	1	-1	2	0
2	3	1	-1	3	0
2	3	1	0	-3	0
2	3	1	0	-2	0
2	3	1	0	-1	0
2	3	1	0	0	0
2	3	1	0	1	0
2	3	1	0	2	0
2	3	1	0	3	0
2	3	1	1	-3	0
2	3	1	1	-2	0
2	3	1	1	-1	0
2	3	1	1	0	0
2	3	1	1	1	0
2	3	1	1	2	0
2	3	1	1	3	0
2	3	1	2	-3	0
2	3	1	2	-2	0
2	3	1	2	-1	0
2	3	1	2	0	0
2	3	1	2	1	0
2	3	1	2	2	0
2	3	1	2	3	0
2	3	1	3	-3	0
2	3	1	3	-2	0
2	3	1	3	-1	0
2	3	1	3	0	0
2	3	1	3	1	0
2	3	1	3	2	0
2	3	1	3	3	0
2	3	2	-3	-3	1
2	3	2	-3	-2	1
2	3	2	-3	-1	1
2	3	2	-3	0	1
2	3	2	-3	1	1
2	3	2	-3	2	1
2	3	2	-3	3	1
2	3	2	-2	-3	1
2	3	2	-2	-2	1
2	3	2	-2	-1	1
2	3	2	-2	0	1
2	3	2	-2	1	1
2	3	2	-2	2	1
2	3	2	-2	3	1
2	3	2	-1	-3	1
2	3	2	-1	-2	1
2	3	2	-1	-1	1
2	3	2	-1	0	1
2	3	2	-1	1	1
2	3	2	-1	2	1
2	3	2	-1	3	1
2	3	2	0	-3	0

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	2	0	-2	0
2	3	2	0	-1	0
2	3	2	0	0	0
2	3	2	0	1	0
2	3	2	0	2	0
2	3	2	0	3	2
2	3	2	1	-3	0
2	3	2	1	-2	0
2	3	2	1	-1	0
2	3	2	1	0	0
2	3	2	1	1	0
2	3	2	1	2	0
2	3	2	1	3	0
2	3	2	2	-3	0
2	3	2	2	-2	0
2	3	2	2	-1	0
2	3	2	2	0	0
2	3	2	2	1	0
2	3	2	2	2	0
2	3	2	2	3	0
2	3	2	3	-3	0
2	3	2	3	-2	0
2	3	2	3	-1	0
2	3	2	3	0	0
2	3	2	3	1	0
2	3	2	3	2	0
2	3	2	3	3	0
2	3	3	-3	-3	1
2	3	3	-3	-2	1
2	3	3	-3	-1	1
2	3	3	-3	0	1
2	3	3	-3	1	1
2	3	3	-3	2	1
2	3	3	-3	3	1
2	3	3	-2	-3	1
2	3	3	-2	-2	1
2	3	3	-2	-1	1
2	3	3	-2	0	1
2	3	3	-2	1	1
2	3	3	-2	2	1
2	3	3	-2	3	1
2	3	3	-1	-3	1
2	3	3	-1	-2	1
2	3	3	-1	-1	1
2	3	3	-1	0	1
2	3	3	-1	1	1
2	3	3	-1	2	1
2	3	3	-1	3	1
2	3	3	0	-3	1
2	3	3	0	-2	1
2	3	3	0	-1	1
2	3	3	0	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
2	3	3	0	1	1
2	3	3	0	2	1
2	3	3	0	3	1
2	3	3	1	-3	0
2	3	3	1	-2	0
2	3	3	1	-1	0
2	3	3	1	0	0
2	3	3	1	1	0
2	3	3	1	2	0
2	3	3	1	3	2
2	3	3	2	-3	0
2	3	3	2	-2	0
2	3	3	2	-1	0
2	3	3	2	0	0
2	3	3	2	1	0
2	3	3	2	2	0
2	3	3	2	3	0
2	3	3	3	-3	0
2	3	3	3	-2	0
2	3	3	3	-1	0
2	3	3	3	0	0
2	3	3	3	1	0
2	3	3	3	2	0
2	3	3	3	3	0
3	-3	-3	-3	-3	1
3	-3	-3	-3	-2	1
3	-3	-3	-3	-1	1
3	-3	-3	-3	0	1
3	-3	-3	-3	1	1
3	-3	-3	-3	2	1
3	-3	-3	-3	3	1
3	-3	-3	-2	-3	1
3	-3	-3	-2	-2	1
3	-3	-3	-2	-1	1
3	-3	-3	-2	0	1
3	-3	-3	-2	1	1
3	-3	-3	-2	2	1
3	-3	-3	-2	3	1
3	-3	-3	-1	-3	1
3	-3	-3	-1	-2	1
3	-3	-3	-1	-1	1
3	-3	-3	-1	0	1
3	-3	-3	-1	1	1
3	-3	-3	-1	2	1
3	-3	-3	-1	3	1
3	-3	-3	0	-3	1
3	-3	-3	0	-2	1
3	-3	-3	0	-1	1
3	-3	-3	0	0	1
3	-3	-3	0	1	1
3	-3	-3	0	2	1
3	-3	-3	0	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	-3	1	-3	1
3	-3	-3	1	-2	1
3	-3	-3	1	-1	1
3	-3	-3	1	0	1
3	-3	-3	1	1	1
3	-3	-3	1	2	1
3	-3	-3	1	3	1
3	-3	-3	2	-3	1
3	-3	-3	2	-2	1
3	-3	-3	2	-1	1
3	-3	-3	2	0	1
3	-3	-3	2	1	1
3	-3	-3	2	2	1
3	-3	-3	2	3	1
3	-3	-3	3	-3	1
3	-3	-3	3	-2	1
3	-3	-3	3	-1	1
3	-3	-3	3	0	1
3	-3	-3	3	1	1
3	-3	-3	3	2	1
3	-3	-3	3	3	1
3	-3	-2	-3	-3	1
3	-3	-2	-3	-2	1
3	-3	-2	-3	-1	1
3	-3	-2	-3	0	1
3	-3	-2	-3	1	1
3	-3	-2	-3	2	1
3	-3	-2	-3	3	1
3	-3	-2	-2	-3	1
3	-3	-2	-2	-2	1
3	-3	-2	-2	-1	1
3	-3	-2	-2	0	1
3	-3	-2	-2	1	1
3	-3	-2	-2	2	1
3	-3	-2	-2	3	1
3	-3	-2	-1	-3	1
3	-3	-2	-1	-2	1
3	-3	-2	-1	-1	1
3	-3	-2	-1	0	1
3	-3	-2	-1	1	1
3	-3	-2	-1	2	1
3	-3	-2	-1	3	1
3	-3	-2	0	-3	1
3	-3	-2	0	-2	1
3	-3	-2	0	-1	1
3	-3	-2	0	0	1
3	-3	-2	0	1	1
3	-3	-2	0	2	1
3	-3	-2	0	3	1
3	-3	-2	1	-3	1
3	-3	-2	1	-2	1
3	-3	-2	1	-1	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	-2	1	0	1
3	-3	-2	1	1	1
3	-3	-2	1	2	1
3	-3	-2	1	3	1
3	-3	-2	2	-3	1
3	-3	-2	2	-2	1
3	-3	-2	2	-1	1
3	-3	-2	2	0	1
3	-3	-2	2	1	1
3	-3	-2	2	2	1
3	-3	-2	2	3	1
3	-3	-2	3	-3	1
3	-3	-2	3	-2	1
3	-3	-2	3	-1	1
3	-3	-2	3	0	1
3	-3	-2	3	1	1
3	-3	-2	3	2	1
3	-3	-2	3	3	1
3	-3	-1	-3	-3	1
3	-3	-1	-3	-2	1
3	-3	-1	-3	-1	1
3	-3	-1	-3	0	1
3	-3	-1	-3	1	1
3	-3	-1	-3	2	1
3	-3	-1	-3	3	1
3	-3	-1	-2	-3	1
3	-3	-1	-2	-2	1
3	-3	-1	-2	-1	1
3	-3	-1	-2	0	1
3	-3	-1	-2	1	1
3	-3	-1	-2	2	1
3	-3	-1	-2	3	1
3	-3	-1	-1	-3	1
3	-3	-1	-1	-2	1
3	-3	-1	-1	-1	1
3	-3	-1	-1	0	1
3	-3	-1	-1	1	1
3	-3	-1	-1	2	1
3	-3	-1	-1	3	1
3	-3	-1	0	-3	1
3	-3	-1	0	-2	1
3	-3	-1	0	-1	1
3	-3	-1	0	0	1
3	-3	-1	0	1	1
3	-3	-1	0	2	1
3	-3	-1	0	3	1
3	-3	-1	1	-3	1
3	-3	-1	1	-2	1
3	-3	-1	1	-1	1
3	-3	-1	1	0	1
3	-3	-1	1	1	1
3	-3	-1	1	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	-1	1	3	1
3	-3	-1	2	-3	1
3	-3	-1	2	-2	1
3	-3	-1	2	-1	1
3	-3	-1	2	0	1
3	-3	-1	2	1	1
3	-3	-1	2	2	1
3	-3	-1	2	3	1
3	-3	-1	3	-3	1
3	-3	-1	3	-2	1
3	-3	-1	3	-1	1
3	-3	-1	3	0	1
3	-3	-1	3	1	1
3	-3	-1	3	2	1
3	-3	-1	3	3	1
3	-3	0	-3	-3	1
3	-3	0	-3	-2	1
3	-3	0	-3	-1	1
3	-3	0	-3	0	1
3	-3	0	-3	1	1
3	-3	0	-3	2	1
3	-3	0	-3	3	1
3	-3	0	-2	-3	1
3	-3	0	-2	-2	1
3	-3	0	-2	-1	1
3	-3	0	-2	0	1
3	-3	0	-2	1	1
3	-3	0	-2	2	1
3	-3	0	-2	3	1
3	-3	0	-1	-3	1
3	-3	0	-1	-2	1
3	-3	0	-1	-1	1
3	-3	0	-1	0	1
3	-3	0	-1	1	1
3	-3	0	-1	2	1
3	-3	0	-1	3	1
3	-3	0	0	-3	1
3	-3	0	0	-2	1
3	-3	0	0	-1	1
3	-3	0	0	0	1
3	-3	0	0	1	1
3	-3	0	0	2	1
3	-3	0	0	3	1
3	-3	0	1	-3	1
3	-3	0	1	-2	1
3	-3	0	1	-1	1
3	-3	0	1	0	1
3	-3	0	1	1	1
3	-3	0	1	2	1
3	-3	0	1	3	1
3	-3	0	2	-3	1
3	-3	0	2	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	0	2	-1	1
3	-3	0	2	0	1
3	-3	0	2	1	1
3	-3	0	2	2	1
3	-3	0	2	3	1
3	-3	0	3	-3	1
3	-3	0	3	-2	1
3	-3	0	3	-1	1
3	-3	0	3	0	1
3	-3	0	3	1	1
3	-3	0	3	2	1
3	-3	0	3	3	1
3	-3	1	-3	-3	1
3	-3	1	-3	-2	1
3	-3	1	-3	-1	1
3	-3	1	-3	0	1
3	-3	1	-3	1	1
3	-3	1	-3	2	1
3	-3	1	-3	3	1
3	-3	1	-2	-3	1
3	-3	1	-2	-2	1
3	-3	1	-2	-1	1
3	-3	1	-2	0	1
3	-3	1	-2	1	1
3	-3	1	-2	2	1
3	-3	1	-2	3	1
3	-3	1	-1	-3	1
3	-3	1	-1	-2	1
3	-3	1	-1	-1	1
3	-3	1	-1	0	1
3	-3	1	-1	1	1
3	-3	1	-1	2	1
3	-3	1	-1	3	1
3	-3	1	0	-3	1
3	-3	1	0	-2	1
3	-3	1	0	-1	1
3	-3	1	0	0	1
3	-3	1	0	1	1
3	-3	1	0	2	1
3	-3	1	0	3	1
3	-3	1	1	-3	1
3	-3	1	1	-2	1
3	-3	1	1	-1	1
3	-3	1	1	0	1
3	-3	1	1	1	1
3	-3	1	1	2	1
3	-3	1	1	3	1
3	-3	1	2	-3	1
3	-3	1	2	-2	1
3	-3	1	2	-1	1
3	-3	1	2	0	1
3	-3	1	2	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	1	2	2	1
3	-3	1	2	3	1
3	-3	1	3	-3	1
3	-3	1	3	-2	1
3	-3	1	3	-1	1
3	-3	1	3	0	1
3	-3	1	3	1	1
3	-3	1	3	2	1
3	-3	1	3	3	1
3	-3	2	-3	-3	1
3	-3	2	-3	-2	1
3	-3	2	-3	-1	1
3	-3	2	-3	0	1
3	-3	2	-3	1	1
3	-3	2	-3	2	1
3	-3	2	-3	3	1
3	-3	2	-2	-3	1
3	-3	2	-2	-2	1
3	-3	2	-2	-1	1
3	-3	2	-2	0	1
3	-3	2	-2	1	1
3	-3	2	-2	2	1
3	-3	2	-2	3	1
3	-3	2	-1	-3	1
3	-3	2	-1	-2	1
3	-3	2	-1	-1	1
3	-3	2	-1	0	1
3	-3	2	-1	1	1
3	-3	2	-1	2	1
3	-3	2	-1	3	1
3	-3	2	0	-3	1
3	-3	2	0	-2	1
3	-3	2	0	-1	1
3	-3	2	0	0	1
3	-3	2	0	1	1
3	-3	2	0	2	1
3	-3	2	0	3	1
3	-3	2	1	-3	1
3	-3	2	1	-2	1
3	-3	2	1	-1	1
3	-3	2	1	0	1
3	-3	2	1	1	1
3	-3	2	1	2	1
3	-3	2	1	3	1
3	-3	2	2	-3	1
3	-3	2	2	-2	1
3	-3	2	2	-1	1
3	-3	2	2	0	1
3	-3	2	2	1	1
3	-3	2	2	2	1
3	-3	2	2	3	1
3	-3	2	3	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	2	3	-2	1
3	-3	2	3	-1	1
3	-3	2	3	0	1
3	-3	2	3	1	1
3	-3	2	3	2	1
3	-3	2	3	3	1
3	-3	3	-3	-3	1
3	-3	3	-3	-2	1
3	-3	3	-3	-1	1
3	-3	3	-3	0	1
3	-3	3	-3	1	1
3	-3	3	-3	2	1
3	-3	3	-3	3	1
3	-3	3	-2	-3	1
3	-3	3	-2	-2	1
3	-3	3	-2	-1	1
3	-3	3	-2	0	1
3	-3	3	-2	1	1
3	-3	3	-2	2	1
3	-3	3	-2	3	1
3	-3	3	-1	-3	1
3	-3	3	-1	-2	1
3	-3	3	-1	-1	1
3	-3	3	-1	0	1
3	-3	3	-1	1	1
3	-3	3	-1	2	1
3	-3	3	-1	3	1
3	-3	3	0	-3	1
3	-3	3	0	-2	1
3	-3	3	0	-1	1
3	-3	3	0	0	1
3	-3	3	0	1	1
3	-3	3	0	2	1
3	-3	3	0	3	1
3	-3	3	1	-3	1
3	-3	3	1	-2	1
3	-3	3	1	-1	1
3	-3	3	1	0	1
3	-3	3	1	1	1
3	-3	3	1	2	1
3	-3	3	1	3	1
3	-3	3	2	-3	1
3	-3	3	2	-2	1
3	-3	3	2	-1	1
3	-3	3	2	0	1
3	-3	3	2	1	1
3	-3	3	2	2	1
3	-3	3	2	3	1
3	-3	3	3	-3	1
3	-3	3	3	-2	1
3	-3	3	3	-1	1
3	-3	3	3	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-3	3	3	1	1
3	-3	3	3	2	1
3	-3	3	3	3	1
3	-2	-3	-3	-3	1
3	-2	-3	-3	-2	1
3	-2	-3	-3	-1	1
3	-2	-3	-3	0	1
3	-2	-3	-3	1	1
3	-2	-3	-3	2	1
3	-2	-3	-3	3	1
3	-2	-3	-2	-3	1
3	-2	-3	-2	-2	1
3	-2	-3	-2	-1	1
3	-2	-3	-2	0	1
3	-2	-3	-2	1	1
3	-2	-3	-2	2	1
3	-2	-3	-2	3	1
3	-2	-3	-1	-3	1
3	-2	-3	-1	-2	1
3	-2	-3	-1	-1	1
3	-2	-3	-1	0	1
3	-2	-3	-1	1	1
3	-2	-3	-1	2	1
3	-2	-3	-1	3	1
3	-2	-3	0	-3	1
3	-2	-3	0	-2	1
3	-2	-3	0	-1	1
3	-2	-3	0	0	1
3	-2	-3	0	1	1
3	-2	-3	0	2	1
3	-2	-3	0	3	1
3	-2	-3	1	-3	1
3	-2	-3	1	-2	1
3	-2	-3	1	-1	1
3	-2	-3	1	0	1
3	-2	-3	1	1	1
3	-2	-3	1	2	1
3	-2	-3	1	3	1
3	-2	-3	2	-3	1
3	-2	-3	2	-2	1
3	-2	-3	2	-1	1
3	-2	-3	2	0	1
3	-2	-3	2	1	1
3	-2	-3	2	2	1
3	-2	-3	2	3	1
3	-2	-3	3	-3	1
3	-2	-3	3	-2	1
3	-2	-3	3	-1	1
3	-2	-3	3	0	1
3	-2	-3	3	1	1
3	-2	-3	3	2	1
3	-2	-3	3	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-2	-2	-3	-3	1
3	-2	-2	-3	-2	1
3	-2	-2	-3	-1	1
3	-2	-2	-3	0	1
3	-2	-2	-3	1	1
3	-2	-2	-3	2	1
3	-2	-2	-3	3	1
3	-2	-2	-2	-3	1
3	-2	-2	-2	-2	1
3	-2	-2	-2	-1	1
3	-2	-2	-2	0	1
3	-2	-2	-2	1	1
3	-2	-2	-2	2	1
3	-2	-2	-2	3	1
3	-2	-2	-1	-3	1
3	-2	-2	-1	-2	1
3	-2	-2	-1	-1	1
3	-2	-2	-1	0	1
3	-2	-2	-1	1	1
3	-2	-2	-1	2	1
3	-2	-2	-1	3	1
3	-2	-2	0	-3	1
3	-2	-2	0	-2	1
3	-2	-2	0	-1	1
3	-2	-2	0	0	1
3	-2	-2	0	1	1
3	-2	-2	0	2	1
3	-2	-2	0	3	1
3	-2	-2	1	-3	1
3	-2	-2	1	-2	1
3	-2	-2	1	-1	1
3	-2	-2	1	0	1
3	-2	-2	1	1	1
3	-2	-2	1	2	1
3	-2	-2	1	3	1
3	-2	-2	2	-3	1
3	-2	-2	2	-2	1
3	-2	-2	2	-1	1
3	-2	-2	2	0	1
3	-2	-2	2	1	1
3	-2	-2	2	2	1
3	-2	-2	2	3	1
3	-2	-2	3	-3	1
3	-2	-2	3	-2	1
3	-2	-2	3	-1	1
3	-2	-2	3	0	1
3	-2	-2	3	1	1
3	-2	-2	3	2	1
3	-2	-2	3	3	1
3	-2	-1	-3	-3	1
3	-2	-1	-3	-2	1
3	-2	-1	-3	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-2	-1	-3	0	1
3	-2	-1	-3	1	1
3	-2	-1	-3	2	1
3	-2	-1	-3	3	1
3	-2	-1	-2	-3	1
3	-2	-1	-2	-2	1
3	-2	-1	-2	-1	1
3	-2	-1	-2	0	1
3	-2	-1	-2	1	1
3	-2	-1	-2	2	1
3	-2	-1	-2	3	1
3	-2	-1	-1	-3	1
3	-2	-1	-1	-2	1
3	-2	-1	-1	-1	1
3	-2	-1	-1	0	1
3	-2	-1	-1	1	1
3	-2	-1	-1	2	1
3	-2	-1	-1	3	1
3	-2	-1	0	-3	1
3	-2	-1	0	-2	1
3	-2	-1	0	-1	1
3	-2	-1	0	0	1
3	-2	-1	0	1	1
3	-2	-1	0	2	1
3	-2	-1	0	3	1
3	-2	-1	1	-3	1
3	-2	-1	1	-2	1
3	-2	-1	1	-1	1
3	-2	-1	1	0	1
3	-2	-1	1	1	1
3	-2	-1	1	2	1
3	-2	-1	1	3	1
3	-2	-1	2	-3	1
3	-2	-1	2	-2	1
3	-2	-1	2	-1	1
3	-2	-1	2	0	1
3	-2	-1	2	1	1
3	-2	-1	2	2	1
3	-2	-1	2	3	1
3	-2	-1	3	-3	1
3	-2	-1	3	-2	1
3	-2	-1	3	-1	1
3	-2	-1	3	0	1
3	-2	-1	3	1	1
3	-2	-1	3	2	1
3	-2	-1	3	3	1
3	-2	0	-3	-3	1
3	-2	0	-3	-2	1
3	-2	0	-3	-1	1
3	-2	0	-3	0	1
3	-2	0	-3	1	1
3	-2	0	-3	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-2	0	-3	3	1
3	-2	0	-2	-3	1
3	-2	0	-2	-2	1
3	-2	0	-2	-1	1
3	-2	0	-2	0	1
3	-2	0	-2	1	1
3	-2	0	-2	2	1
3	-2	0	-2	3	1
3	-2	0	-1	-3	1
3	-2	0	-1	-2	1
3	-2	0	-1	-1	1
3	-2	0	-1	0	1
3	-2	0	-1	1	1
3	-2	0	-1	2	1
3	-2	0	-1	3	1
3	-2	0	0	-3	1
3	-2	0	0	-2	1
3	-2	0	0	-1	1
3	-2	0	0	0	1
3	-2	0	0	1	1
3	-2	0	0	2	1
3	-2	0	0	3	1
3	-2	0	1	-3	1
3	-2	0	1	-2	1
3	-2	0	1	-1	1
3	-2	0	1	0	1
3	-2	0	1	1	1
3	-2	0	1	2	1
3	-2	0	1	3	1
3	-2	0	2	-3	1
3	-2	0	2	-2	1
3	-2	0	2	-1	1
3	-2	0	2	0	1
3	-2	0	2	1	1
3	-2	0	2	2	1
3	-2	0	2	3	1
3	-2	0	3	-3	1
3	-2	0	3	-2	1
3	-2	0	3	-1	1
3	-2	0	3	0	1
3	-2	0	3	1	1
3	-2	0	3	2	1
3	-2	0	3	3	1
3	-2	1	-3	-3	1
3	-2	1	-3	-2	1
3	-2	1	-3	-1	1
3	-2	1	-3	0	1
3	-2	1	-3	1	1
3	-2	1	-3	2	1
3	-2	1	-3	3	1
3	-2	1	-2	-3	1
3	-2	1	-2	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-2	1	-2	-1	1
3	-2	1	-2	0	1
3	-2	1	-2	1	1
3	-2	1	-2	2	1
3	-2	1	-2	3	1
3	-2	1	-1	-3	1
3	-2	1	-1	-2	1
3	-2	1	-1	-1	1
3	-2	1	-1	0	1
3	-2	1	-1	1	1
3	-2	1	-1	2	1
3	-2	1	-1	3	1
3	-2	1	0	-3	1
3	-2	1	0	-2	1
3	-2	1	0	-1	1
3	-2	1	0	0	1
3	-2	1	0	1	1
3	-2	1	0	2	1
3	-2	1	0	3	1
3	-2	1	1	-3	1
3	-2	1	1	-2	1
3	-2	1	1	-1	1
3	-2	1	1	0	1
3	-2	1	1	1	1
3	-2	1	1	2	1
3	-2	1	1	3	1
3	-2	1	2	-3	1
3	-2	1	2	-2	1
3	-2	1	2	-1	1
3	-2	1	2	0	1
3	-2	1	2	1	1
3	-2	1	2	2	1
3	-2	1	2	3	1
3	-2	1	3	-3	1
3	-2	1	3	-2	1
3	-2	1	3	-1	1
3	-2	1	3	0	1
3	-2	1	3	1	1
3	-2	1	3	2	1
3	-2	1	3	3	1
3	-2	2	-3	-3	1
3	-2	2	-3	-2	1
3	-2	2	-3	-1	1
3	-2	2	-3	0	1
3	-2	2	-3	1	1
3	-2	2	-3	2	1
3	-2	2	-3	3	1
3	-2	2	-2	-3	1
3	-2	2	-2	-2	1
3	-2	2	-2	-1	1
3	-2	2	-2	0	1
3	-2	2	-2	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-2	2	-2	2	1
3	-2	2	-2	3	1
3	-2	2	-1	-3	1
3	-2	2	-1	-2	1
3	-2	2	-1	-1	1
3	-2	2	-1	0	1
3	-2	2	-1	1	1
3	-2	2	-1	2	1
3	-2	2	-1	3	1
3	-2	2	0	-3	1
3	-2	2	0	-2	1
3	-2	2	0	-1	1
3	-2	2	0	0	1
3	-2	2	0	1	1
3	-2	2	0	2	1
3	-2	2	0	3	1
3	-2	2	1	-3	1
3	-2	2	1	-2	1
3	-2	2	1	-1	1
3	-2	2	1	0	1
3	-2	2	1	1	1
3	-2	2	1	2	1
3	-2	2	1	3	1
3	-2	2	2	-3	1
3	-2	2	2	-2	1
3	-2	2	2	-1	1
3	-2	2	2	0	1
3	-2	2	2	1	1
3	-2	2	2	2	1
3	-2	2	2	3	1
3	-2	2	3	-3	1
3	-2	2	3	-2	1
3	-2	2	3	-1	1
3	-2	2	3	0	1
3	-2	2	3	1	1
3	-2	2	3	2	1
3	-2	2	3	3	1
3	-2	3	-3	-3	1
3	-2	3	-3	-2	1
3	-2	3	-3	-1	1
3	-2	3	-3	0	1
3	-2	3	-3	1	1
3	-2	3	-3	2	1
3	-2	3	-3	3	1
3	-2	3	-2	-3	1
3	-2	3	-2	-2	1
3	-2	3	-2	-1	1
3	-2	3	-2	0	1
3	-2	3	-2	1	1
3	-2	3	-2	2	1
3	-2	3	-2	3	1
3	-2	3	-1	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-2	3	-1	-2	1
3	-2	3	-1	-1	1
3	-2	3	-1	0	1
3	-2	3	-1	1	1
3	-2	3	-1	2	1
3	-2	3	-1	3	1
3	-2	3	0	-3	1
3	-2	3	0	-2	1
3	-2	3	0	-1	1
3	-2	3	0	0	1
3	-2	3	0	1	1
3	-2	3	0	2	1
3	-2	3	0	3	1
3	-2	3	1	-3	1
3	-2	3	1	-2	1
3	-2	3	1	-1	1
3	-2	3	1	0	1
3	-2	3	1	1	1
3	-2	3	1	2	1
3	-2	3	1	3	1
3	-2	3	2	-3	1
3	-2	3	2	-2	1
3	-2	3	2	-1	1
3	-2	3	2	0	1
3	-2	3	2	1	1
3	-2	3	2	2	1
3	-2	3	2	3	1
3	-2	3	3	-3	1
3	-2	3	3	-2	1
3	-2	3	3	-1	1
3	-2	3	3	0	1
3	-2	3	3	1	1
3	-2	3	3	2	1
3	-2	3	3	3	1
3	-1	-3	-3	-3	1
3	-1	-3	-3	-2	1
3	-1	-3	-3	-1	1
3	-1	-3	-3	0	1
3	-1	-3	-3	1	1
3	-1	-3	-3	2	1
3	-1	-3	-3	3	1
3	-1	-3	-2	-3	1
3	-1	-3	-2	-2	1
3	-1	-3	-2	-1	1
3	-1	-3	-2	0	1
3	-1	-3	-2	1	1
3	-1	-3	-2	2	1
3	-1	-3	-2	3	1
3	-1	-3	-1	-3	1
3	-1	-3	-1	-2	1
3	-1	-3	-1	-1	1
3	-1	-3	-1	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	-3	-1	1	1
3	-1	-3	-1	2	1
3	-1	-3	-1	3	1
3	-1	-3	0	-3	1
3	-1	-3	0	-2	1
3	-1	-3	0	-1	1
3	-1	-3	0	0	1
3	-1	-3	0	1	1
3	-1	-3	0	2	1
3	-1	-3	0	3	1
3	-1	-3	1	-3	1
3	-1	-3	1	-2	1
3	-1	-3	1	-1	1
3	-1	-3	1	0	1
3	-1	-3	1	1	1
3	-1	-3	1	2	1
3	-1	-3	1	3	1
3	-1	-3	2	-3	1
3	-1	-3	2	-2	1
3	-1	-3	2	-1	1
3	-1	-3	2	0	1
3	-1	-3	2	1	1
3	-1	-3	2	2	1
3	-1	-3	2	3	1
3	-1	-3	3	-3	1
3	-1	-3	3	-2	1
3	-1	-3	3	-1	1
3	-1	-3	3	0	1
3	-1	-3	3	1	1
3	-1	-3	3	2	1
3	-1	-3	3	3	1
3	-1	-2	-3	-3	1
3	-1	-2	-3	-2	1
3	-1	-2	-3	-1	1
3	-1	-2	-3	0	1
3	-1	-2	-3	1	1
3	-1	-2	-3	2	1
3	-1	-2	-3	3	1
3	-1	-2	-2	-3	1
3	-1	-2	-2	-2	1
3	-1	-2	-2	-1	1
3	-1	-2	-2	0	1
3	-1	-2	-2	1	1
3	-1	-2	-2	2	1
3	-1	-2	-2	3	1
3	-1	-2	-1	-3	1
3	-1	-2	-1	-2	1
3	-1	-2	-1	-1	1
3	-1	-2	-1	0	1
3	-1	-2	-1	1	1
3	-1	-2	-1	2	1
3	-1	-2	-1	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	-2	0	-3	1
3	-1	-2	0	-2	1
3	-1	-2	0	-1	1
3	-1	-2	0	0	1
3	-1	-2	0	1	1
3	-1	-2	0	2	1
3	-1	-2	0	3	1
3	-1	-2	1	-3	1
3	-1	-2	1	-2	1
3	-1	-2	1	-1	1
3	-1	-2	1	0	1
3	-1	-2	1	1	1
3	-1	-2	1	2	1
3	-1	-2	1	3	1
3	-1	-2	2	-3	1
3	-1	-2	2	-2	1
3	-1	-2	2	-1	1
3	-1	-2	2	0	1
3	-1	-2	2	1	1
3	-1	-2	2	2	1
3	-1	-2	2	3	1
3	-1	-2	3	-3	1
3	-1	-2	3	-2	1
3	-1	-2	3	-1	1
3	-1	-2	3	0	1
3	-1	-2	3	1	1
3	-1	-2	3	2	1
3	-1	-2	3	3	1
3	-1	-1	-3	-3	1
3	-1	-1	-3	-2	1
3	-1	-1	-3	-1	1
3	-1	-1	-3	0	1
3	-1	-1	-3	1	1
3	-1	-1	-3	2	1
3	-1	-1	-3	3	1
3	-1	-1	-2	-3	1
3	-1	-1	-2	-2	1
3	-1	-1	-2	-1	1
3	-1	-1	-2	0	1
3	-1	-1	-2	1	1
3	-1	-1	-2	2	1
3	-1	-1	-2	3	1
3	-1	-1	-1	-3	1
3	-1	-1	-1	-2	1
3	-1	-1	-1	-1	1
3	-1	-1	-1	0	1
3	-1	-1	-1	1	1
3	-1	-1	-1	2	1
3	-1	-1	-1	3	1
3	-1	-1	0	-3	1
3	-1	-1	0	-2	1
3	-1	-1	0	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	-1	0	0	1
3	-1	-1	0	1	1
3	-1	-1	0	2	1
3	-1	-1	0	3	1
3	-1	-1	1	-3	1
3	-1	-1	1	-2	1
3	-1	-1	1	-1	1
3	-1	-1	1	0	1
3	-1	-1	1	1	1
3	-1	-1	1	2	1
3	-1	-1	1	3	1
3	-1	-1	2	-3	1
3	-1	-1	2	-2	1
3	-1	-1	2	-1	1
3	-1	-1	2	0	1
3	-1	-1	2	1	1
3	-1	-1	2	2	1
3	-1	-1	2	3	1
3	-1	-1	3	-3	1
3	-1	-1	3	-2	1
3	-1	-1	3	-1	1
3	-1	-1	3	0	1
3	-1	-1	3	1	1
3	-1	-1	3	2	1
3	-1	-1	3	3	1
3	-1	0	-3	-3	1
3	-1	0	-3	-2	1
3	-1	0	-3	-1	1
3	-1	0	-3	0	1
3	-1	0	-3	1	1
3	-1	0	-3	2	1
3	-1	0	-3	3	1
3	-1	0	-2	-3	1
3	-1	0	-2	-2	1
3	-1	0	-2	-1	1
3	-1	0	-2	0	1
3	-1	0	-2	1	1
3	-1	0	-2	2	1
3	-1	0	-2	3	1
3	-1	0	-1	-3	1
3	-1	0	-1	-2	1
3	-1	0	-1	-1	1
3	-1	0	-1	0	1
3	-1	0	-1	1	1
3	-1	0	-1	2	1
3	-1	0	-1	3	1
3	-1	0	0	-3	1
3	-1	0	0	-2	1
3	-1	0	0	-1	1
3	-1	0	0	0	1
3	-1	0	0	1	1
3	-1	0	0	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	0	0	3	1
3	-1	0	1	-3	1
3	-1	0	1	-2	1
3	-1	0	1	-1	1
3	-1	0	1	0	1
3	-1	0	1	1	1
3	-1	0	1	2	1
3	-1	0	1	3	1
3	-1	0	2	-3	1
3	-1	0	2	-2	1
3	-1	0	2	-1	1
3	-1	0	2	0	1
3	-1	0	2	1	1
3	-1	0	2	2	1
3	-1	0	2	3	1
3	-1	0	3	-3	1
3	-1	0	3	-2	1
3	-1	0	3	-1	1
3	-1	0	3	0	1
3	-1	0	3	1	1
3	-1	0	3	2	1
3	-1	0	3	3	1
3	-1	1	-3	-3	1
3	-1	1	-3	-2	1
3	-1	1	-3	-1	1
3	-1	1	-3	0	1
3	-1	1	-3	1	1
3	-1	1	-3	2	1
3	-1	1	-3	3	1
3	-1	1	-2	-3	1
3	-1	1	-2	-2	1
3	-1	1	-2	-1	1
3	-1	1	-2	0	1
3	-1	1	-2	1	1
3	-1	1	-2	2	1
3	-1	1	-2	3	1
3	-1	1	-1	-3	1
3	-1	1	-1	-2	1
3	-1	1	-1	-1	1
3	-1	1	-1	0	1
3	-1	1	-1	1	1
3	-1	1	-1	2	1
3	-1	1	-1	3	1
3	-1	1	0	-3	1
3	-1	1	0	-2	1
3	-1	1	0	-1	1
3	-1	1	0	0	1
3	-1	1	0	1	1
3	-1	1	0	2	1
3	-1	1	0	3	1
3	-1	1	1	-3	1
3	-1	1	1	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	1	1	-1	1
3	-1	1	1	0	1
3	-1	1	1	1	1
3	-1	1	1	2	1
3	-1	1	1	3	1
3	-1	1	2	-3	1
3	-1	1	2	-2	1
3	-1	1	2	-1	1
3	-1	1	2	0	1
3	-1	1	2	1	1
3	-1	1	2	2	1
3	-1	1	2	3	1
3	-1	1	3	-3	1
3	-1	1	3	-2	1
3	-1	1	3	-1	1
3	-1	1	3	0	1
3	-1	1	3	1	1
3	-1	1	3	2	1
3	-1	1	3	3	1
3	-1	2	-3	-3	1
3	-1	2	-3	-2	1
3	-1	2	-3	-1	1
3	-1	2	-3	0	1
3	-1	2	-3	1	1
3	-1	2	-3	2	1
3	-1	2	-3	3	1
3	-1	2	-2	-3	1
3	-1	2	-2	-2	1
3	-1	2	-2	-1	1
3	-1	2	-2	0	1
3	-1	2	-2	1	1
3	-1	2	-2	2	1
3	-1	2	-2	3	1
3	-1	2	-1	-3	1
3	-1	2	-1	-2	1
3	-1	2	-1	-1	1
3	-1	2	-1	0	1
3	-1	2	-1	1	1
3	-1	2	-1	2	1
3	-1	2	-1	3	1
3	-1	2	0	-3	1
3	-1	2	0	-2	1
3	-1	2	0	-1	1
3	-1	2	0	0	1
3	-1	2	0	1	1
3	-1	2	0	2	1
3	-1	2	0	3	1
3	-1	2	1	-3	1
3	-1	2	1	-2	1
3	-1	2	1	-1	1
3	-1	2	1	0	1
3	-1	2	1	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	2	1	2	1
3	-1	2	1	3	1
3	-1	2	2	-3	1
3	-1	2	2	-2	1
3	-1	2	2	-1	1
3	-1	2	2	0	1
3	-1	2	2	1	1
3	-1	2	2	2	1
3	-1	2	2	3	1
3	-1	2	3	-3	1
3	-1	2	3	-2	1
3	-1	2	3	-1	1
3	-1	2	3	0	1
3	-1	2	3	1	1
3	-1	2	3	2	1
3	-1	2	3	3	1
3	-1	3	-3	-3	1
3	-1	3	-3	-2	1
3	-1	3	-3	-1	1
3	-1	3	-3	0	1
3	-1	3	-3	1	1
3	-1	3	-3	2	1
3	-1	3	-3	3	1
3	-1	3	-2	-3	1
3	-1	3	-2	-2	1
3	-1	3	-2	-1	1
3	-1	3	-2	0	1
3	-1	3	-2	1	1
3	-1	3	-2	2	1
3	-1	3	-2	3	1
3	-1	3	-1	-3	1
3	-1	3	-1	-2	1
3	-1	3	-1	-1	1
3	-1	3	-1	0	1
3	-1	3	-1	1	1
3	-1	3	-1	2	1
3	-1	3	-1	3	1
3	-1	3	0	-3	1
3	-1	3	0	-2	1
3	-1	3	0	-1	1
3	-1	3	0	0	1
3	-1	3	0	1	1
3	-1	3	0	2	1
3	-1	3	0	3	1
3	-1	3	1	-3	1
3	-1	3	1	-2	1
3	-1	3	1	-1	1
3	-1	3	1	0	1
3	-1	3	1	1	1
3	-1	3	1	2	1
3	-1	3	1	3	1
3	-1	3	2	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	-1	3	2	-2	1
3	-1	3	2	-1	1
3	-1	3	2	0	1
3	-1	3	2	1	1
3	-1	3	2	2	1
3	-1	3	2	3	1
3	-1	3	3	-3	1
3	-1	3	3	-2	1
3	-1	3	3	-1	1
3	-1	3	3	0	1
3	-1	3	3	1	1
3	-1	3	3	2	1
3	-1	3	3	3	1
3	0	-3	-3	-3	1
3	0	-3	-3	-2	1
3	0	-3	-3	-1	1
3	0	-3	-3	0	1
3	0	-3	-3	1	1
3	0	-3	-3	2	1
3	0	-3	-3	3	1
3	0	-3	-2	-3	1
3	0	-3	-2	-2	1
3	0	-3	-2	-1	1
3	0	-3	-2	0	1
3	0	-3	-2	1	1
3	0	-3	-2	2	1
3	0	-3	-2	3	1
3	0	-3	-1	-3	1
3	0	-3	-1	-2	1
3	0	-3	-1	-1	1
3	0	-3	-1	0	1
3	0	-3	-1	1	1
3	0	-3	-1	2	1
3	0	-3	-1	3	1
3	0	-3	0	-3	1
3	0	-3	0	-2	1
3	0	-3	0	-1	1
3	0	-3	0	0	1
3	0	-3	0	1	1
3	0	-3	0	2	1
3	0	-3	0	3	1
3	0	-3	1	-3	1
3	0	-3	1	-2	1
3	0	-3	1	-1	1
3	0	-3	1	0	1
3	0	-3	1	1	1
3	0	-3	1	2	1
3	0	-3	1	3	1
3	0	-3	2	-3	1
3	0	-3	2	-2	1
3	0	-3	2	-1	1
3	0	-3	2	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	0	-3	2	1	1
3	0	-3	2	2	1
3	0	-3	2	3	1
3	0	-3	3	-3	1
3	0	-3	3	-2	1
3	0	-3	3	-1	1
3	0	-3	3	0	1
3	0	-3	3	1	1
3	0	-3	3	2	1
3	0	-3	3	3	1
3	0	-2	-3	-3	1
3	0	-2	-3	-2	1
3	0	-2	-3	-1	1
3	0	-2	-3	0	1
3	0	-2	-3	1	1
3	0	-2	-3	2	1
3	0	-2	-3	3	1
3	0	-2	-2	-3	1
3	0	-2	-2	-2	1
3	0	-2	-2	-1	1
3	0	-2	-2	0	1
3	0	-2	-2	1	1
3	0	-2	-2	2	1
3	0	-2	-2	3	1
3	0	-2	-1	-3	1
3	0	-2	-1	-2	1
3	0	-2	-1	-1	1
3	0	-2	-1	0	1
3	0	-2	-1	1	1
3	0	-2	-1	2	1
3	0	-2	-1	3	1
3	0	-2	0	-3	1
3	0	-2	0	-2	1
3	0	-2	0	-1	1
3	0	-2	0	0	1
3	0	-2	0	1	1
3	0	-2	0	2	1
3	0	-2	0	3	1
3	0	-2	1	-3	1
3	0	-2	1	-2	1
3	0	-2	1	-1	1
3	0	-2	1	0	1
3	0	-2	1	1	1
3	0	-2	1	2	1
3	0	-2	1	3	1
3	0	-2	2	-3	1
3	0	-2	2	-2	1
3	0	-2	2	-1	1
3	0	-2	2	0	1
3	0	-2	2	1	1
3	0	-2	2	2	1
3	0	-2	2	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	0	-2	3	-3	1
3	0	-2	3	-2	1
3	0	-2	3	-1	1
3	0	-2	3	0	1
3	0	-2	3	1	1
3	0	-2	3	2	1
3	0	-2	3	3	1
3	0	-1	-3	-3	1
3	0	-1	-3	-2	1
3	0	-1	-3	-1	1
3	0	-1	-3	0	1
3	0	-1	-3	1	1
3	0	-1	-3	2	1
3	0	-1	-3	3	1
3	0	-1	-2	-3	1
3	0	-1	-2	-2	1
3	0	-1	-2	-1	1
3	0	-1	-2	0	1
3	0	-1	-2	1	1
3	0	-1	-2	2	1
3	0	-1	-2	3	1
3	0	-1	-1	-3	1
3	0	-1	-1	-2	1
3	0	-1	-1	-1	1
3	0	-1	-1	0	1
3	0	-1	-1	1	1
3	0	-1	-1	2	1
3	0	-1	-1	3	1
3	0	-1	0	-3	1
3	0	-1	0	-2	1
3	0	-1	0	-1	1
3	0	-1	0	0	1
3	0	-1	0	1	1
3	0	-1	0	2	1
3	0	-1	0	3	1
3	0	-1	1	-3	1
3	0	-1	1	-2	1
3	0	-1	1	-1	1
3	0	-1	1	0	1
3	0	-1	1	1	1
3	0	-1	1	2	1
3	0	-1	1	3	1
3	0	-1	2	-3	1
3	0	-1	2	-2	1
3	0	-1	2	-1	1
3	0	-1	2	0	1
3	0	-1	2	1	1
3	0	-1	2	2	1
3	0	-1	2	3	1
3	0	-1	3	-3	1
3	0	-1	3	-2	1
3	0	-1	3	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	0	-1	3	0	1
3	0	-1	3	1	1
3	0	-1	3	2	1
3	0	-1	3	3	1
3	0	0	-3	-3	1
3	0	0	-3	-2	1
3	0	0	-3	-1	1
3	0	0	-3	0	1
3	0	0	-3	1	1
3	0	0	-3	2	1
3	0	0	-3	3	1
3	0	0	-2	-3	1
3	0	0	-2	-2	1
3	0	0	-2	-1	1
3	0	0	-2	0	1
3	0	0	-2	1	1
3	0	0	-2	2	1
3	0	0	-2	3	1
3	0	0	-1	-3	1
3	0	0	-1	-2	1
3	0	0	-1	-1	1
3	0	0	-1	0	1
3	0	0	-1	1	1
3	0	0	-1	2	1
3	0	0	-1	3	1
3	0	0	0	-3	1
3	0	0	0	-2	1
3	0	0	0	-1	1
3	0	0	0	0	1
3	0	0	0	1	1
3	0	0	0	2	1
3	0	0	0	3	1
3	0	0	1	-3	1
3	0	0	1	-2	1
3	0	0	1	-1	1
3	0	0	1	0	1
3	0	0	1	1	1
3	0	0	1	2	1
3	0	0	1	3	1
3	0	0	2	-3	1
3	0	0	2	-2	1
3	0	0	2	-1	1
3	0	0	2	0	1
3	0	0	2	1	1
3	0	0	2	2	1
3	0	0	2	3	1
3	0	0	3	-3	1
3	0	0	3	-2	1
3	0	0	3	-1	1
3	0	0	3	0	1
3	0	0	3	1	1
3	0	0	3	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	0	0	3	3	1
3	0	1	-3	-3	1
3	0	1	-3	-2	1
3	0	1	-3	-1	1
3	0	1	-3	0	1
3	0	1	-3	1	1
3	0	1	-3	2	1
3	0	1	-3	3	1
3	0	1	-2	-3	1
3	0	1	-2	-2	1
3	0	1	-2	-1	1
3	0	1	-2	0	1
3	0	1	-2	1	1
3	0	1	-2	2	1
3	0	1	-2	3	1
3	0	1	-1	-3	1
3	0	1	-1	-2	1
3	0	1	-1	-1	1
3	0	1	-1	0	1
3	0	1	-1	1	1
3	0	1	-1	2	1
3	0	1	-1	3	1
3	0	1	0	-3	1
3	0	1	0	-2	1
3	0	1	0	-1	1
3	0	1	0	0	1
3	0	1	0	1	1
3	0	1	0	2	1
3	0	1	0	3	1
3	0	1	1	-3	1
3	0	1	1	-2	1
3	0	1	1	-1	1
3	0	1	1	0	1
3	0	1	1	1	1
3	0	1	1	2	1
3	0	1	1	3	1
3	0	1	2	-3	1
3	0	1	2	-2	1
3	0	1	2	-1	1
3	0	1	2	0	1
3	0	1	2	1	1
3	0	1	2	2	1
3	0	1	2	3	1
3	0	1	3	-3	1
3	0	1	3	-2	1
3	0	1	3	-1	1
3	0	1	3	0	1
3	0	1	3	1	1
3	0	1	3	2	1
3	0	1	3	3	1
3	0	2	-3	-3	1
3	0	2	-3	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	0	2	-3	-1	1
3	0	2	-3	0	1
3	0	2	-3	1	1
3	0	2	-3	2	1
3	0	2	-3	3	1
3	0	2	-2	-3	1
3	0	2	-2	-2	1
3	0	2	-2	-1	1
3	0	2	-2	0	1
3	0	2	-2	1	1
3	0	2	-2	2	1
3	0	2	-2	3	1
3	0	2	-1	-3	1
3	0	2	-1	-2	1
3	0	2	-1	-1	1
3	0	2	-1	0	1
3	0	2	-1	1	1
3	0	2	-1	2	1
3	0	2	-1	3	1
3	0	2	0	-3	1
3	0	2	0	-2	1
3	0	2	0	-1	1
3	0	2	0	0	1
3	0	2	0	1	1
3	0	2	0	2	1
3	0	2	0	3	1
3	0	2	1	-3	1
3	0	2	1	-2	1
3	0	2	1	-1	1
3	0	2	1	0	1
3	0	2	1	1	1
3	0	2	1	2	1
3	0	2	1	3	1
3	0	2	2	-3	1
3	0	2	2	-2	1
3	0	2	2	-1	1
3	0	2	2	0	1
3	0	2	2	1	1
3	0	2	2	2	1
3	0	2	2	3	1
3	0	2	3	-3	1
3	0	2	3	-2	1
3	0	2	3	-1	1
3	0	2	3	0	1
3	0	2	3	1	1
3	0	2	3	2	1
3	0	2	3	3	1
3	0	3	-3	-3	1
3	0	3	-3	-2	1
3	0	3	-3	-1	1
3	0	3	-3	0	1
3	0	3	-3	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	0	3	-3	2	1
3	0	3	-3	3	1
3	0	3	-2	-3	1
3	0	3	-2	-2	1
3	0	3	-2	-1	1
3	0	3	-2	0	1
3	0	3	-2	1	1
3	0	3	-2	2	1
3	0	3	-2	3	1
3	0	3	-1	-3	1
3	0	3	-1	-2	1
3	0	3	-1	-1	1
3	0	3	-1	0	1
3	0	3	-1	1	1
3	0	3	-1	2	1
3	0	3	-1	3	1
3	0	3	0	-3	1
3	0	3	0	-2	1
3	0	3	0	-1	1
3	0	3	0	0	1
3	0	3	0	1	1
3	0	3	0	2	1
3	0	3	0	3	1
3	0	3	1	-3	1
3	0	3	1	-2	1
3	0	3	1	-1	1
3	0	3	1	0	1
3	0	3	1	1	1
3	0	3	1	2	1
3	0	3	1	3	1
3	0	3	2	-3	1
3	0	3	2	-2	1
3	0	3	2	-1	1
3	0	3	2	0	1
3	0	3	2	1	1
3	0	3	2	2	1
3	0	3	2	3	1
3	0	3	3	-3	1
3	0	3	3	-2	1
3	0	3	3	-1	1
3	0	3	3	0	1
3	0	3	3	1	1
3	0	3	3	2	1
3	0	3	3	3	1
3	1	-3	-3	-3	1
3	1	-3	-3	-2	1
3	1	-3	-3	-1	1
3	1	-3	-3	0	1
3	1	-3	-3	1	1
3	1	-3	-3	2	1
3	1	-3	-3	3	1
3	1	-3	-2	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	-3	-2	-2	1
3	1	-3	-2	-1	1
3	1	-3	-2	0	1
3	1	-3	-2	1	1
3	1	-3	-2	2	1
3	1	-3	-2	3	1
3	1	-3	-1	-3	1
3	1	-3	-1	-2	1
3	1	-3	-1	-1	1
3	1	-3	-1	0	1
3	1	-3	-1	1	1
3	1	-3	-1	2	1
3	1	-3	-1	3	1
3	1	-3	0	-3	1
3	1	-3	0	-2	1
3	1	-3	0	-1	1
3	1	-3	0	0	1
3	1	-3	0	1	1
3	1	-3	0	2	1
3	1	-3	0	3	1
3	1	-3	1	-3	1
3	1	-3	1	-2	1
3	1	-3	1	-1	1
3	1	-3	1	0	1
3	1	-3	1	1	1
3	1	-3	1	2	1
3	1	-3	1	3	1
3	1	-3	2	-3	1
3	1	-3	2	-2	1
3	1	-3	2	-1	1
3	1	-3	2	0	1
3	1	-3	2	1	1
3	1	-3	2	2	1
3	1	-3	2	3	1
3	1	-3	3	-3	1
3	1	-3	3	-2	1
3	1	-3	3	-1	1
3	1	-3	3	0	1
3	1	-3	3	1	1
3	1	-3	3	2	1
3	1	-3	3	3	1
3	1	-2	-3	-3	1
3	1	-2	-3	-2	1
3	1	-2	-3	-1	1
3	1	-2	-3	0	1
3	1	-2	-3	1	1
3	1	-2	-3	2	1
3	1	-2	-3	3	1
3	1	-2	-2	-3	1
3	1	-2	-2	-2	1
3	1	-2	-2	-1	1
3	1	-2	-2	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	-2	-2	1	1
3	1	-2	-2	2	1
3	1	-2	-2	3	1
3	1	-2	-1	-3	1
3	1	-2	-1	-2	1
3	1	-2	-1	-1	1
3	1	-2	-1	0	1
3	1	-2	-1	1	1
3	1	-2	-1	2	1
3	1	-2	-1	3	1
3	1	-2	0	-3	1
3	1	-2	0	-2	1
3	1	-2	0	-1	1
3	1	-2	0	0	1
3	1	-2	0	1	1
3	1	-2	0	2	1
3	1	-2	0	3	1
3	1	-2	1	-3	1
3	1	-2	1	-2	1
3	1	-2	1	-1	1
3	1	-2	1	0	1
3	1	-2	1	1	1
3	1	-2	1	2	1
3	1	-2	1	3	1
3	1	-2	2	-3	1
3	1	-2	2	-2	1
3	1	-2	2	-1	1
3	1	-2	2	0	1
3	1	-2	2	1	1
3	1	-2	2	2	1
3	1	-2	2	3	1
3	1	-2	3	-3	1
3	1	-2	3	-2	1
3	1	-2	3	-1	1
3	1	-2	3	0	1
3	1	-2	3	1	1
3	1	-2	3	2	1
3	1	-2	3	3	1
3	1	-1	-3	-3	1
3	1	-1	-3	-2	1
3	1	-1	-3	-1	1
3	1	-1	-3	0	1
3	1	-1	-3	1	1
3	1	-1	-3	2	1
3	1	-1	-3	3	1
3	1	-1	-2	-3	1
3	1	-1	-2	-2	1
3	1	-1	-2	-1	1
3	1	-1	-2	0	1
3	1	-1	-2	1	1
3	1	-1	-2	2	1
3	1	-1	-2	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	-1	-1	-3	1
3	1	-1	-1	-2	1
3	1	-1	-1	-1	1
3	1	-1	-1	0	1
3	1	-1	-1	1	1
3	1	-1	-1	2	1
3	1	-1	-1	3	1
3	1	-1	0	-3	1
3	1	-1	0	-2	1
3	1	-1	0	-1	1
3	1	-1	0	0	1
3	1	-1	0	1	1
3	1	-1	0	2	1
3	1	-1	0	3	1
3	1	-1	1	-3	1
3	1	-1	1	-2	1
3	1	-1	1	-1	1
3	1	-1	1	0	1
3	1	-1	1	1	1
3	1	-1	1	2	1
3	1	-1	1	3	1
3	1	-1	2	-3	1
3	1	-1	2	-2	1
3	1	-1	2	-1	1
3	1	-1	2	0	1
3	1	-1	2	1	1
3	1	-1	2	2	1
3	1	-1	2	3	1
3	1	-1	3	-3	1
3	1	-1	3	-2	1
3	1	-1	3	-1	1
3	1	-1	3	0	1
3	1	-1	3	1	1
3	1	-1	3	2	1
3	1	-1	3	3	1
3	1	0	-3	-3	1
3	1	0	-3	-2	1
3	1	0	-3	-1	1
3	1	0	-3	0	1
3	1	0	-3	1	1
3	1	0	-3	2	1
3	1	0	-3	3	1
3	1	0	-2	-3	1
3	1	0	-2	-2	1
3	1	0	-2	-1	1
3	1	0	-2	0	1
3	1	0	-2	1	1
3	1	0	-2	2	1
3	1	0	-2	3	1
3	1	0	-1	-3	1
3	1	0	-1	-2	1
3	1	0	-1	-1	1

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	0	-1	0	1
3	1	0	-1	1	1
3	1	0	-1	2	1
3	1	0	-1	3	1
3	1	0	0	-3	1
3	1	0	0	-2	1
3	1	0	0	-1	1
3	1	0	0	0	1
3	1	0	0	1	1
3	1	0	0	2	1
3	1	0	0	3	1
3	1	0	1	-3	1
3	1	0	1	-2	1
3	1	0	1	-1	1
3	1	0	1	0	1
3	1	0	1	1	1
3	1	0	1	2	1
3	1	0	1	3	1
3	1	0	2	-3	1
3	1	0	2	-2	1
3	1	0	2	-1	1
3	1	0	2	0	1
3	1	0	2	1	1
3	1	0	2	2	1
3	1	0	2	3	1
3	1	0	3	-3	1
3	1	0	3	-2	1
3	1	0	3	-1	1
3	1	0	3	0	1
3	1	0	3	1	1
3	1	0	3	2	1
3	1	0	3	3	1
3	1	1	-3	-3	1
3	1	1	-3	-2	1
3	1	1	-3	-1	1
3	1	1	-3	0	1
3	1	1	-3	1	1
3	1	1	-3	2	1
3	1	1	-3	3	1
3	1	1	-2	-3	1
3	1	1	-2	-2	1
3	1	1	-2	-1	1
3	1	1	-2	0	1
3	1	1	-2	1	1
3	1	1	-2	2	1
3	1	1	-2	3	1
3	1	1	-1	-3	1
3	1	1	-1	-2	1
3	1	1	-1	-1	1
3	1	1	-1	0	1
3	1	1	-1	1	1
3	1	1	-1	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	1	-1	3	1
3	1	1	0	-3	1
3	1	1	0	-2	1
3	1	1	0	-1	1
3	1	1	0	0	1
3	1	1	0	1	1
3	1	1	0	2	1
3	1	1	0	3	1
3	1	1	1	-3	1
3	1	1	1	-2	1
3	1	1	1	-1	1
3	1	1	1	0	1
3	1	1	1	1	1
3	1	1	1	2	1
3	1	1	1	3	1
3	1	1	2	-3	1
3	1	1	2	-2	1
3	1	1	2	-1	1
3	1	1	2	0	1
3	1	1	2	1	1
3	1	1	2	2	1
3	1	1	2	3	1
3	1	1	3	-3	1
3	1	1	3	-2	1
3	1	1	3	-1	1
3	1	1	3	0	1
3	1	1	3	1	1
3	1	1	3	2	1
3	1	1	3	3	1
3	1	2	-3	-3	1
3	1	2	-3	-2	1
3	1	2	-3	-1	1
3	1	2	-3	0	1
3	1	2	-3	1	1
3	1	2	-3	2	1
3	1	2	-3	3	1
3	1	2	-2	-3	1
3	1	2	-2	-2	1
3	1	2	-2	-1	1
3	1	2	-2	0	1
3	1	2	-2	1	1
3	1	2	-2	2	1
3	1	2	-2	3	1
3	1	2	-1	-3	1
3	1	2	-1	-2	1
3	1	2	-1	-1	1
3	1	2	-1	0	1
3	1	2	-1	1	1
3	1	2	-1	2	1
3	1	2	-1	3	1
3	1	2	0	-3	1
3	1	2	0	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	2	0	-1	1
3	1	2	0	0	1
3	1	2	0	1	1
3	1	2	0	2	1
3	1	2	0	3	1
3	1	2	1	-3	1
3	1	2	1	-2	1
3	1	2	1	-1	1
3	1	2	1	0	1
3	1	2	1	1	1
3	1	2	1	2	1
3	1	2	1	3	1
3	1	2	2	-3	1
3	1	2	2	-2	1
3	1	2	2	-1	1
3	1	2	2	0	1
3	1	2	2	1	1
3	1	2	2	2	1
3	1	2	2	3	1
3	1	2	3	-3	1
3	1	2	3	-2	1
3	1	2	3	-1	1
3	1	2	3	0	1
3	1	2	3	1	1
3	1	2	3	2	1
3	1	2	3	3	1
3	1	3	-3	-3	1
3	1	3	-3	-2	1
3	1	3	-3	-1	1
3	1	3	-3	0	1
3	1	3	-3	1	1
3	1	3	-3	2	1
3	1	3	-3	3	1
3	1	3	-2	-3	1
3	1	3	-2	-2	1
3	1	3	-2	-1	1
3	1	3	-2	0	1
3	1	3	-2	1	1
3	1	3	-2	2	1
3	1	3	-2	3	1
3	1	3	-1	-3	1
3	1	3	-1	-2	1
3	1	3	-1	-1	1
3	1	3	-1	0	1
3	1	3	-1	1	1
3	1	3	-1	2	1
3	1	3	-1	3	1
3	1	3	0	-3	1
3	1	3	0	-2	1
3	1	3	0	-1	1
3	1	3	0	0	1
3	1	3	0	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	1	3	0	2	1
3	1	3	0	3	1
3	1	3	1	-3	1
3	1	3	1	-2	1
3	1	3	1	-1	1
3	1	3	1	0	1
3	1	3	1	1	1
3	1	3	1	2	1
3	1	3	1	3	1
3	1	3	2	-3	1
3	1	3	2	-2	1
3	1	3	2	-1	1
3	1	3	2	0	1
3	1	3	2	1	1
3	1	3	2	2	1
3	1	3	2	3	1
3	1	3	3	-3	1
3	1	3	3	-2	1
3	1	3	3	-1	1
3	1	3	3	0	1
3	1	3	3	1	1
3	1	3	3	2	1
3	1	3	3	3	1
3	2	-3	-3	-3	1
3	2	-3	-3	-2	1
3	2	-3	-3	-1	1
3	2	-3	-3	0	1
3	2	-3	-3	1	1
3	2	-3	-3	2	1
3	2	-3	-3	3	1
3	2	-3	-2	-3	1
3	2	-3	-2	-2	1
3	2	-3	-2	-1	1
3	2	-3	-2	0	1
3	2	-3	-2	1	1
3	2	-3	-2	2	1
3	2	-3	-2	3	1
3	2	-3	-1	-3	1
3	2	-3	-1	-2	1
3	2	-3	-1	-1	1
3	2	-3	-1	0	1
3	2	-3	-1	1	1
3	2	-3	-1	2	1
3	2	-3	-1	3	1
3	2	-3	0	-3	1
3	2	-3	0	-2	1
3	2	-3	0	-1	1
3	2	-3	0	0	1
3	2	-3	0	1	1
3	2	-3	0	2	1
3	2	-3	0	3	1
3	2	-3	1	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	-3	1	-2	1
3	2	-3	1	-1	1
3	2	-3	1	0	1
3	2	-3	1	1	1
3	2	-3	1	2	1
3	2	-3	1	3	1
3	2	-3	2	-3	1
3	2	-3	2	-2	1
3	2	-3	2	-1	1
3	2	-3	2	0	1
3	2	-3	2	1	1
3	2	-3	2	2	1
3	2	-3	2	3	1
3	2	-3	3	-3	1
3	2	-3	3	-2	1
3	2	-3	3	-1	1
3	2	-3	3	0	1
3	2	-3	3	1	1
3	2	-3	3	2	1
3	2	-3	3	3	1
3	2	-2	-3	-3	1
3	2	-2	-3	-2	1
3	2	-2	-3	-1	1
3	2	-2	-3	0	1
3	2	-2	-3	1	1
3	2	-2	-3	2	1
3	2	-2	-3	3	1
3	2	-2	-2	-3	1
3	2	-2	-2	-2	1
3	2	-2	-2	-1	1
3	2	-2	-2	0	1
3	2	-2	-2	1	1
3	2	-2	-2	2	1
3	2	-2	-2	3	1
3	2	-2	-1	-3	1
3	2	-2	-1	-2	1
3	2	-2	-1	-1	1
3	2	-2	-1	0	1
3	2	-2	-1	1	1
3	2	-2	-1	2	1
3	2	-2	-1	3	1
3	2	-2	0	-3	1
3	2	-2	0	-2	1
3	2	-2	0	-1	1
3	2	-2	0	0	1
3	2	-2	0	1	1
3	2	-2	0	2	1
3	2	-2	0	3	1
3	2	-2	1	-3	1
3	2	-2	1	-2	1
3	2	-2	1	-1	1
3	2	-2	1	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	-2	1	1	1
3	2	-2	1	2	1
3	2	-2	1	3	1
3	2	-2	2	-3	1
3	2	-2	2	-2	1
3	2	-2	2	-1	1
3	2	-2	2	0	1
3	2	-2	2	1	1
3	2	-2	2	2	1
3	2	-2	2	3	1
3	2	-2	3	-3	1
3	2	-2	3	-2	1
3	2	-2	3	-1	1
3	2	-2	3	0	1
3	2	-2	3	1	1
3	2	-2	3	2	1
3	2	-2	3	3	1
3	2	-1	-3	-3	1
3	2	-1	-3	-2	1
3	2	-1	-3	-1	1
3	2	-1	-3	0	1
3	2	-1	-3	1	1
3	2	-1	-3	2	1
3	2	-1	-3	3	1
3	2	-1	-2	-3	1
3	2	-1	-2	-2	1
3	2	-1	-2	-1	1
3	2	-1	-2	0	1
3	2	-1	-2	1	1
3	2	-1	-2	2	1
3	2	-1	-2	3	1
3	2	-1	-1	-3	1
3	2	-1	-1	-2	1
3	2	-1	-1	-1	1
3	2	-1	-1	0	1
3	2	-1	-1	1	1
3	2	-1	-1	2	1
3	2	-1	-1	3	1
3	2	-1	0	-3	1
3	2	-1	0	-2	1
3	2	-1	0	-1	1
3	2	-1	0	0	1
3	2	-1	0	1	1
3	2	-1	0	2	1
3	2	-1	0	3	1
3	2	-1	1	-3	1
3	2	-1	1	-2	1
3	2	-1	1	-1	1
3	2	-1	1	0	1
3	2	-1	1	1	1
3	2	-1	1	2	1
3	2	-1	1	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	-1	2	-3	1
3	2	-1	2	-2	1
3	2	-1	2	-1	1
3	2	-1	2	0	1
3	2	-1	2	1	1
3	2	-1	2	2	1
3	2	-1	2	3	1
3	2	-1	3	-3	1
3	2	-1	3	-2	1
3	2	-1	3	-1	1
3	2	-1	3	0	1
3	2	-1	3	1	1
3	2	-1	3	2	1
3	2	-1	3	3	1
3	2	0	-3	-3	1
3	2	0	-3	-2	1
3	2	0	-3	-1	1
3	2	0	-3	0	1
3	2	0	-3	1	1
3	2	0	-3	2	1
3	2	0	-3	3	1
3	2	0	-2	-3	1
3	2	0	-2	-2	1
3	2	0	-2	-1	1
3	2	0	-2	0	1
3	2	0	-2	1	1
3	2	0	-2	2	1
3	2	0	-2	3	1
3	2	0	-1	-3	1
3	2	0	-1	-2	1
3	2	0	-1	-1	1
3	2	0	-1	0	1
3	2	0	-1	1	1
3	2	0	-1	2	1
3	2	0	-1	3	1
3	2	0	0	-3	1
3	2	0	0	-2	1
3	2	0	0	-1	1
3	2	0	0	0	1
3	2	0	0	1	1
3	2	0	0	2	1
3	2	0	0	3	1
3	2	0	1	-3	1
3	2	0	1	-2	1
3	2	0	1	-1	1
3	2	0	1	0	1
3	2	0	1	1	1
3	2	0	1	2	1
3	2	0	1	3	1
3	2	0	2	-3	1
3	2	0	2	-2	1
3	2	0	2	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	0	2	0	1
3	2	0	2	1	1
3	2	0	2	2	1
3	2	0	2	3	1
3	2	0	3	-3	1
3	2	0	3	-2	1
3	2	0	3	-1	1
3	2	0	3	0	1
3	2	0	3	1	1
3	2	0	3	2	1
3	2	0	3	3	1
3	2	1	-3	-3	1
3	2	1	-3	-2	1
3	2	1	-3	-1	1
3	2	1	-3	0	1
3	2	1	-3	1	1
3	2	1	-3	2	1
3	2	1	-3	3	1
3	2	1	-2	-3	1
3	2	1	-2	-2	1
3	2	1	-2	-1	1
3	2	1	-2	0	1
3	2	1	-2	1	1
3	2	1	-2	2	1
3	2	1	-2	3	1
3	2	1	-1	-3	1
3	2	1	-1	-2	1
3	2	1	-1	-1	1
3	2	1	-1	0	1
3	2	1	-1	1	1
3	2	1	-1	2	1
3	2	1	-1	3	1
3	2	1	0	-3	1
3	2	1	0	-2	1
3	2	1	0	-1	1
3	2	1	0	0	1
3	2	1	0	1	1
3	2	1	0	2	1
3	2	1	0	3	1
3	2	1	1	-3	1
3	2	1	1	-2	1
3	2	1	1	-1	1
3	2	1	1	0	1
3	2	1	1	1	1
3	2	1	1	2	1
3	2	1	1	3	1
3	2	1	2	-3	1
3	2	1	2	-2	1
3	2	1	2	-1	1
3	2	1	2	0	1
3	2	1	2	1	1
3	2	1	2	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	1	2	3	1
3	2	1	3	-3	1
3	2	1	3	-2	1
3	2	1	3	-1	1
3	2	1	3	0	1
3	2	1	3	1	1
3	2	1	3	2	1
3	2	1	3	3	1
3	2	2	-3	-3	1
3	2	2	-3	-2	1
3	2	2	-3	-1	1
3	2	2	-3	0	1
3	2	2	-3	1	1
3	2	2	-3	2	1
3	2	2	-3	3	1
3	2	2	-2	-3	1
3	2	2	-2	-2	1
3	2	2	-2	-1	1
3	2	2	-2	0	1
3	2	2	-2	1	1
3	2	2	-2	2	1
3	2	2	-2	3	1
3	2	2	-1	-3	1
3	2	2	-1	-2	1
3	2	2	-1	-1	1
3	2	2	-1	0	1
3	2	2	-1	1	1
3	2	2	-1	2	1
3	2	2	-1	3	1
3	2	2	0	-3	1
3	2	2	0	-2	1
3	2	2	0	-1	1
3	2	2	0	0	1
3	2	2	0	1	1
3	2	2	0	2	1
3	2	2	0	3	1
3	2	2	1	-3	1
3	2	2	1	-2	1
3	2	2	1	-1	1
3	2	2	1	0	1
3	2	2	1	1	1
3	2	2	1	2	1
3	2	2	1	3	1
3	2	2	2	-3	1
3	2	2	2	-2	1
3	2	2	2	-1	1
3	2	2	2	0	1
3	2	2	2	1	1
3	2	2	2	2	1
3	2	2	2	3	1
3	2	2	3	-3	1
3	2	2	3	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	2	3	-1	1
3	2	2	3	0	1
3	2	2	3	1	1
3	2	2	3	2	1
3	2	2	3	3	1
3	2	3	-3	-3	1
3	2	3	-3	-2	1
3	2	3	-3	-1	1
3	2	3	-3	0	1
3	2	3	-3	1	1
3	2	3	-3	2	1
3	2	3	-3	3	1
3	2	3	-2	-3	1
3	2	3	-2	-2	1
3	2	3	-2	-1	1
3	2	3	-2	0	1
3	2	3	-2	1	1
3	2	3	-2	2	1
3	2	3	-2	3	1
3	2	3	-1	-3	1
3	2	3	-1	-2	1
3	2	3	-1	-1	1
3	2	3	-1	0	1
3	2	3	-1	1	1
3	2	3	-1	2	1
3	2	3	-1	3	1
3	2	3	0	-3	1
3	2	3	0	-2	1
3	2	3	0	-1	1
3	2	3	0	0	1
3	2	3	0	1	1
3	2	3	0	2	1
3	2	3	0	3	1
3	2	3	1	-3	1
3	2	3	1	-2	1
3	2	3	1	-1	1
3	2	3	1	0	1
3	2	3	1	1	1
3	2	3	1	2	1
3	2	3	1	3	1
3	2	3	2	-3	1
3	2	3	2	-2	1
3	2	3	2	-1	1
3	2	3	2	0	1
3	2	3	2	1	1
3	2	3	2	2	1
3	2	3	2	3	1
3	2	3	3	-3	1
3	2	3	3	-2	1
3	2	3	3	-1	1
3	2	3	3	0	1
3	2	3	3	1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	2	3	3	2	1
3	2	3	3	3	1
3	3	-3	-3	-3	0
3	3	-3	-3	-2	0
3	3	-3	-3	-1	0
3	3	-3	-3	0	0
3	3	-3	-3	1	0
3	3	-3	-3	2	0
3	3	-3	-3	3	0
3	3	-3	-2	-3	0
3	3	-3	-2	-2	0
3	3	-3	-2	-1	0
3	3	-3	-2	0	0
3	3	-3	-2	1	0
3	3	-3	-2	2	0
3	3	-3	-2	3	0
3	3	-3	-1	-3	0
3	3	-3	-1	-2	0
3	3	-3	-1	-1	0
3	3	-3	-1	0	0
3	3	-3	-1	1	0
3	3	-3	-1	2	0
3	3	-3	-1	3	0
3	3	-3	0	-3	0
3	3	-3	0	-2	0
3	3	-3	0	-1	0
3	3	-3	0	0	0
3	3	-3	0	1	0
3	3	-3	0	2	0
3	3	-3	0	3	0
3	3	-3	1	-3	0
3	3	-3	1	-2	0
3	3	-3	1	-1	0
3	3	-3	1	0	0
3	3	-3	1	1	0
3	3	-3	1	2	0
3	3	-3	1	3	0
3	3	-3	2	-3	0
3	3	-3	2	-2	0
3	3	-3	2	-1	0
3	3	-3	2	0	0
3	3	-3	2	1	0
3	3	-3	2	2	0
3	3	-3	2	3	0
3	3	-3	3	-3	0
3	3	-3	3	-2	0
3	3	-3	3	-1	0
3	3	-3	3	0	0
3	3	-3	3	1	0
3	3	-3	3	2	0
3	3	-3	3	3	0
3	3	-2	-3	-3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	3	-2	-3	-2	1
3	3	-2	-3	-1	1
3	3	-2	-3	0	1
3	3	-2	-3	1	1
3	3	-2	-3	2	1
3	3	-2	-3	3	1
3	3	-2	-2	-3	1
3	3	-2	-2	-2	1
3	3	-2	-2	-1	1
3	3	-2	-2	0	1
3	3	-2	-2	1	1
3	3	-2	-2	2	1
3	3	-2	-2	3	1
3	3	-2	-1	-3	1
3	3	-2	-1	-2	1
3	3	-2	-1	-1	1
3	3	-2	-1	0	1
3	3	-2	-1	1	1
3	3	-2	-1	2	1
3	3	-2	-1	3	1
3	3	-2	0	-3	0
3	3	-2	0	-2	0
3	3	-2	0	-1	0
3	3	-2	0	0	0
3	3	-2	0	1	0
3	3	-2	0	2	0
3	3	-2	0	3	0
3	3	-2	1	-3	0
3	3	-2	1	-2	0
3	3	-2	1	-1	0
3	3	-2	1	0	0
3	3	-2	1	1	0
3	3	-2	1	2	0
3	3	-2	1	3	0
3	3	-2	2	-3	0
3	3	-2	2	-2	0
3	3	-2	2	-1	0
3	3	-2	2	0	0
3	3	-2	2	1	0
3	3	-2	2	2	0
3	3	-2	2	3	0
3	3	-2	3	-3	0
3	3	-2	3	-2	0
3	3	-2	3	-1	0
3	3	-2	3	0	0
3	3	-2	3	1	0
3	3	-2	3	2	0
3	3	-2	3	3	0
3	3	-1	-3	-3	1
3	3	-1	-3	-2	1
3	3	-1	-3	-1	1
3	3	-1	-3	0	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	3	-1	-3	1	1
3	3	-1	-3	2	1
3	3	-1	-3	3	1
3	3	-1	-2	-3	1
3	3	-1	-2	-2	1
3	3	-1	-2	-1	1
3	3	-1	-2	0	1
3	3	-1	-2	1	1
3	3	-1	-2	2	1
3	3	-1	-2	3	1
3	3	-1	-1	-3	1
3	3	-1	-1	-2	1
3	3	-1	-1	-1	1
3	3	-1	-1	0	1
3	3	-1	-1	1	1
3	3	-1	-1	2	1
3	3	-1	-1	3	1
3	3	-1	0	-3	1
3	3	-1	0	-2	1
3	3	-1	0	-1	1
3	3	-1	0	0	1
3	3	-1	0	1	1
3	3	-1	0	2	1
3	3	-1	0	3	1
3	3	-1	1	-3	0
3	3	-1	1	-2	0
3	3	-1	1	-1	0
3	3	-1	1	0	0
3	3	-1	1	1	0
3	3	-1	1	2	0
3	3	-1	1	3	2
3	3	-1	2	-3	0
3	3	-1	2	-2	0
3	3	-1	2	-1	0
3	3	-1	2	0	0
3	3	-1	2	1	0
3	3	-1	2	2	0
3	3	-1	2	3	0
3	3	-1	3	-3	0
3	3	-1	3	-2	0
3	3	-1	3	-1	0
3	3	-1	3	0	0
3	3	-1	3	1	0
3	3	-1	3	2	0
3	3	-1	3	3	0
3	3	0	-3	-3	1
3	3	0	-3	-2	1
3	3	0	-3	-1	1
3	3	0	-3	0	1
3	3	0	-3	1	1
3	3	0	-3	2	1
3	3	0	-3	3	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	3	0	-2	-3	1
3	3	0	-2	-2	1
3	3	0	-2	-1	1
3	3	0	-2	0	1
3	3	0	-2	1	1
3	3	0	-2	2	1
3	3	0	-2	3	1
3	3	0	-1	-3	1
3	3	0	-1	-2	1
3	3	0	-1	-1	1
3	3	0	-1	0	1
3	3	0	-1	1	1
3	3	0	-1	2	1
3	3	0	-1	3	1
3	3	0	0	-3	1
3	3	0	0	-2	1
3	3	0	0	-1	1
3	3	0	0	0	1
3	3	0	0	1	1
3	3	0	0	2	1
3	3	0	0	3	1
3	3	0	1	-3	1
3	3	0	1	-2	1
3	3	0	1	-1	1
3	3	0	1	0	1
3	3	0	1	1	1
3	3	0	1	2	1
3	3	0	1	3	1
3	3	0	2	-3	0
3	3	0	2	-2	0
3	3	0	2	-1	0
3	3	0	2	0	0
3	3	0	2	1	0
3	3	0	2	2	0
3	3	0	2	3	1
3	3	0	3	-3	0
3	3	0	3	-2	0
3	3	0	3	-1	0
3	3	0	3	0	0
3	3	0	3	1	0
3	3	0	3	2	0
3	3	0	3	3	0
3	3	1	-3	-3	1
3	3	1	-3	-2	1
3	3	1	-3	-1	1
3	3	1	-3	0	1
3	3	1	-3	1	1
3	3	1	-3	2	1
3	3	1	-3	3	1
3	3	1	-2	-3	1
3	3	1	-2	-2	1
3	3	1	-2	-1	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	3	1	-2	0	1
3	3	1	-2	1	1
3	3	1	-2	2	1
3	3	1	-2	3	1
3	3	1	-1	-3	1
3	3	1	-1	-2	1
3	3	1	-1	-1	1
3	3	1	-1	0	1
3	3	1	-1	1	1
3	3	1	-1	2	1
3	3	1	-1	3	1
3	3	1	0	-3	1
3	3	1	0	-2	1
3	3	1	0	-1	1
3	3	1	0	0	1
3	3	1	0	1	1
3	3	1	0	2	1
3	3	1	0	3	1
3	3	1	1	-3	1
3	3	1	1	-2	1
3	3	1	1	-1	1
3	3	1	1	0	1
3	3	1	1	1	1
3	3	1	1	2	1
3	3	1	1	3	1
3	3	1	2	-3	1
3	3	1	2	-2	1
3	3	1	2	-1	1
3	3	1	2	0	1
3	3	1	2	1	1
3	3	1	2	2	1
3	3	1	2	3	1
3	3	1	3	-3	0
3	3	1	3	-2	0
3	3	1	3	-1	0
3	3	1	3	0	0
3	3	1	3	1	0
3	3	1	3	2	0
3	3	1	3	3	0
3	3	2	-3	-3	1
3	3	2	-3	-2	1
3	3	2	-3	-1	1
3	3	2	-3	0	1
3	3	2	-3	1	1
3	3	2	-3	2	1
3	3	2	-3	3	1
3	3	2	-2	-3	1
3	3	2	-2	-2	1
3	3	2	-2	-1	1
3	3	2	-2	0	1
3	3	2	-2	1	1
3	3	2	-2	2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	3	2	-2	3	1
3	3	2	-1	-3	1
3	3	2	-1	-2	1
3	3	2	-1	-1	1
3	3	2	-1	0	1
3	3	2	-1	1	1
3	3	2	-1	2	1
3	3	2	-1	3	1
3	3	2	0	-3	1
3	3	2	0	-2	1
3	3	2	0	-1	1
3	3	2	0	0	1
3	3	2	0	1	1
3	3	2	0	2	1
3	3	2	0	3	1
3	3	2	1	-3	1
3	3	2	1	-2	1
3	3	2	1	-1	1
3	3	2	1	0	1
3	3	2	1	1	1
3	3	2	1	2	1
3	3	2	1	3	1
3	3	2	2	-3	1
3	3	2	2	-2	1
3	3	2	2	-1	1
3	3	2	2	0	1
3	3	2	2	1	1
3	3	2	2	2	1
3	3	2	2	3	1
3	3	2	3	-3	0
3	3	2	3	-2	0
3	3	2	3	-1	0
3	3	2	3	0	0
3	3	2	3	1	0
3	3	2	3	2	0
3	3	2	3	3	0
3	3	3	-3	-3	1
3	3	3	-3	-2	1
3	3	3	-3	-1	1
3	3	3	-3	0	1
3	3	3	-3	1	1
3	3	3	-3	2	1
3	3	3	-3	3	1
3	3	3	-2	-3	1
3	3	3	-2	-2	1
3	3	3	-2	-1	1
3	3	3	-2	0	1
3	3	3	-2	1	1
3	3	3	-2	2	1
3	3	3	-2	3	1
3	3	3	-1	-3	1
3	3	3	-1	-2	1

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	#Non-Trivial SS
3	3	3	-1	-1	1
3	3	3	-1	0	1
3	3	3	-1	1	1
3	3	3	-1	2	1
3	3	3	-1	3	1
3	3	3	0	-3	1
3	3	3	0	-2	1
3	3	3	0	-1	1
3	3	3	0	0	1
3	3	3	0	1	1
3	3	3	0	2	1
3	3	3	0	3	1
3	3	3	1	-3	1
3	3	3	1	-2	1
3	3	3	1	-1	1
3	3	3	1	0	1
3	3	3	1	1	1
3	3	3	1	2	1
3	3	3	1	3	1
3	3	3	2	-3	1
3	3	3	2	-2	1
3	3	3	2	-1	1
3	3	3	2	0	1
3	3	3	2	1	1
3	3	3	2	2	1
3	3	3	2	3	1
3	3	3	3	-3	0
3	3	3	3	-2	0
3	3	3	3	-1	0
3	3	3	3	0	0
3	3	3	3	1	0
3	3	3	3	2	0
3	3	3	3	3	0

Apendix 11: Avarage of u + a for non-trivial

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	-3	-3	-2	0.4639
1	-3	-3	-3	-1	0.4645
1	-3	-3	-3	0	0.4655
1	-3	-3	-3	1	0.4667
1	-3	-3	-3	2	0.4679
1	-3	-3	-3	3	0.4690
1	-3	-3	-2	-3	0.4572
1	-3	-3	-2	-2	0.4578
1	-3	-3	-2	-1	0.4589
1	-3	-3	-2	0	0.4606
1	-3	-3	-2	1	0.4629
1	-3	-3	-2	2	0.4653
1	-3	-3	-2	3	0.4674

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	-3	-1	-3	0.4461
1	-3	-3	-1	-2	0.4472
1	-3	-3	-1	-1	0.4490
1	-3	-3	-1	0	0.4519
1	-3	-3	-1	1	0.4559
1	-3	-3	-1	2	0.4604
1	-3	-3	-1	3	0.4643
1	-3	-3	0	-3	0.4293
1	-3	-3	0	-2	0.4306
1	-3	-3	0	-1	0.4332
1	-3	-3	0	0	0.4375
1	-3	-3	0	1	0.4438
1	-3	-3	0	2	0.4513
1	-3	-3	0	3	0.4584
1	-3	-3	1	-3	0.4083
1	-3	-3	1	-2	0.4098
1	-3	-3	1	-1	0.4125
1	-3	-3	1	0	0.4175
1	-3	-3	1	1	0.4255
1	-3	-3	1	2	0.4363
1	-3	-3	1	3	0.4477
1	-3	-3	2	-3	0.3882
1	-3	-3	2	-2	0.3894
1	-3	-3	2	-1	0.3917
1	-3	-3	2	0	0.3960
1	-3	-3	2	1	0.4037
1	-3	-3	2	2	0.4156
1	-3	-3	2	3	0.4307
1	-3	-3	3	-3	0.3733
1	-3	-3	3	-2	0.3740
1	-3	-3	3	-1	0.3755
1	-3	-3	3	0	0.3785
1	-3	-3	3	1	0.3840
1	-3	-3	3	2	0.3937
1	-3	-3	3	3	0.4088
1	-3	-2	-3	-3	0.4611
1	-3	-2	-3	-2	0.4617
1	-3	-2	-3	-1	0.4628
1	-3	-2	-3	0	0.4645
1	-3	-2	-3	1	0.4667
1	-3	-2	-3	2	0.4689
1	-3	-2	-3	3	0.4708
1	-3	-2	-2	-3	0.4494
1	-3	-2	-2	-2	0.4505
1	-3	-2	-2	-1	0.4525
1	-3	-2	-2	0	0.4557
1	-3	-2	-2	1	0.4598
1	-3	-2	-2	2	0.4643
1	-3	-2	-2	3	0.4679
1	-3	-2	-1	-3	0.4288
1	-3	-2	-1	-2	0.4306
1	-3	-2	-1	-1	0.4340

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	-2	-1	0	0.4394
1	-3	-2	-1	1	0.4469
1	-3	-2	-1	2	0.4551
1	-3	-2	-1	3	0.4623
1	-3	-2	0	-3	0.3969
1	-3	-2	0	-2	0.3993
1	-3	-2	0	-1	0.4039
1	-3	-2	0	0	0.4118
1	-3	-2	0	1	0.4236
1	-3	-2	0	2	0.4380
1	-3	-2	0	3	0.4513
1	-3	-2	1	-3	0.3576
1	-3	-2	1	-2	0.3600
1	-3	-2	1	-1	0.3646
1	-3	-2	1	0	0.3732
1	-3	-2	1	1	0.3878
1	-3	-2	1	2	0.4084
1	-3	-2	1	3	0.4308
1	-3	-2	2	-3	0.3215
1	-3	-2	2	-2	0.3232
1	-3	-2	2	-1	0.3267
1	-3	-2	2	0	0.3333
1	-3	-2	2	1	0.3458
1	-3	-2	2	2	0.3671
1	-3	-2	2	3	0.3965
1	-3	-2	3	-3	0.2959
1	-3	-2	3	-2	0.2969
1	-3	-2	3	-1	0.2990
1	-3	-2	3	0	0.3030
1	-3	-2	3	1	0.3110
1	-3	-2	3	2	0.3262
1	-3	-2	3	3	0.3525
1	-3	-1	-3	-3	0.4573
1	-3	-1	-3	-2	0.4583
1	-3	-1	-3	-1	0.4602
1	-3	-1	-3	0	0.4630
1	-3	-1	-3	1	0.4667
1	-3	-1	-3	2	0.4705
1	-3	-1	-3	3	0.4735
1	-3	-1	-2	-3	0.4373
1	-3	-1	-2	-2	0.4393
1	-3	-1	-2	-1	0.4426
1	-3	-1	-2	0	0.4480
1	-3	-1	-2	1	0.4551
1	-3	-1	-2	2	0.4626
1	-3	-1	-2	3	0.4688
1	-3	-1	-1	-3	0.4011
1	-3	-1	-1	-2	0.4042
1	-3	-1	-1	-1	0.4098
1	-3	-1	-1	0	0.4192
1	-3	-1	-1	1	0.4323
1	-3	-1	-1	2	0.4469

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	-1	-1	3	0.4592
1	-3	-1	0	-3	0.3440
1	-3	-1	0	-2	0.3478
1	-3	-1	0	-1	0.3552
1	-3	-1	0	0	0.3684
1	-3	-1	0	1	0.3894
1	-3	-1	0	2	0.4157
1	-3	-1	0	3	0.4399
1	-3	-1	1	-3	0.2753
1	-3	-1	1	-2	0.2785
1	-3	-1	1	-1	0.2849
1	-3	-1	1	0	0.2974
1	-3	-1	1	1	0.3208
1	-3	-1	1	2	0.3581
1	-3	-1	1	3	0.4012
1	-3	-1	2	-3	0.2163
1	-3	-1	2	-2	0.2181
1	-3	-1	2	-1	0.2219
1	-3	-1	2	0	0.2296
1	-3	-1	2	1	0.2454
1	-3	-1	2	2	0.2771
1	-3	-1	2	3	0.3311
1	-3	-1	3	-3	0.1772
1	-3	-1	3	-2	0.1781
1	-3	-1	3	-1	0.1800
1	-3	-1	3	0	0.1838
1	-3	-1	3	1	0.1917
1	-3	-1	3	2	0.2086
1	-3	-1	3	3	0.2448
1	-3	0	-3	-3	0.4525
1	-3	0	-3	-2	0.4541
1	-3	0	-3	-1	0.4568
1	-3	0	-3	0	0.4611
1	-3	0	-3	1	0.4667
1	-3	0	-3	2	0.4724
1	-3	0	-3	3	0.4770
1	-3	0	-2	-3	0.4215
1	-3	0	-2	-2	0.4245
1	-3	0	-2	-1	0.4297
1	-3	0	-2	0	0.4379
1	-3	0	-2	1	0.4489
1	-3	0	-2	2	0.4605
1	-3	0	-2	3	0.4699
1	-3	0	-1	-3	0.3634
1	-3	0	-1	-2	0.3680
1	-3	0	-1	-1	0.3766
1	-3	0	-1	0	0.3912
1	-3	0	-1	1	0.4123
1	-3	0	-1	2	0.4357
1	-3	0	-1	3	0.4553
1	-3	0	0	-3	0.2703
1	-3	0	0	-2	0.2753

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	0	0	-1	0.2853
1	-3	0	0	0	0.3043
1	-3	0	0	1	0.3376
1	-3	0	0	2	0.3827
1	-3	0	0	3	0.4240
1	-3	0	1	-3	0.1632
1	-3	0	1	-2	0.1662
1	-3	0	1	-1	0.1722
1	-3	0	1	0	0.1850
1	-3	0	1	1	0.2131
1	-3	0	1	2	0.2717
1	-3	0	1	3	0.3536
1	-3	0	2	-3	0.0788
1	-3	0	2	-2	0.0797
1	-3	0	2	-1	0.0817
1	-3	0	2	0	0.0859
1	-3	0	2	1	0.0956
1	-3	0	2	2	0.1209
1	-3	0	2	3	0.1980
1	-3	0	3	-3	0.0267
1	-3	0	3	-2	0.0268
1	-3	0	3	-1	0.0272
1	-3	0	3	0	0.0280
1	-3	0	3	1	0.0297
1	-3	0	3	2	0.0338
1	-3	0	3	3	0.0464
1	-3	1	-3	-3	0.4476
1	-3	1	-3	-2	0.4497
1	-3	1	-3	-1	0.4534
1	-3	1	-3	0	0.4592
1	-3	1	-3	1	0.4667
1	-3	1	-3	2	0.4743
1	-3	1	-3	3	0.4804
1	-3	1	-2	-3	0.4049
1	-3	1	-2	-2	0.4089
1	-3	1	-2	-1	0.4159
1	-3	1	-2	0	0.4273
1	-3	1	-2	1	0.4425
1	-3	1	-2	2	0.4583
1	-3	1	-2	3	0.4710
1	-3	1	-1	-3	0.3220
1	-3	1	-1	-2	0.3280
1	-3	1	-1	-1	0.3394
1	-3	1	-1	0	0.3596
1	-3	1	-1	1	0.3897
1	-3	1	-1	2	0.4236
1	-3	1	-1	3	0.4511
1	-3	1	0	-3	0.1882
1	-3	1	0	-2	0.1933
1	-3	1	0	-1	0.2037
1	-3	1	0	0	0.2258
1	-3	1	0	1	0.2707

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	1	0	2	0.3409
1	-3	1	0	3	0.4058
1	-3	1	1	-3	0.0430
1	-3	1	1	-2	0.0440
1	-3	1	1	-1	0.0462
1	-3	1	1	0	0.0512
1	-3	1	1	1	0.0649
1	-3	1	1	2	0.1186
1	-3	1	1	3	0.2797
1	-3	2	-3	-3	0.4436
1	-3	2	-3	-2	0.4462
1	-3	2	-3	-1	0.4507
1	-3	2	-3	0	0.4577
1	-3	2	-3	1	0.4667
1	-3	2	-3	2	0.4758
1	-3	2	-3	3	0.4831
1	-3	2	-2	-3	0.3910
1	-3	2	-2	-2	0.3958
1	-3	2	-2	-1	0.4044
1	-3	2	-2	0	0.4183
1	-3	2	-2	1	0.4371
1	-3	2	-2	2	0.4565
1	-3	2	-2	3	0.4719
1	-3	2	-1	-3	0.2860
1	-3	2	-1	-2	0.2929
1	-3	2	-1	-1	0.3064
1	-3	2	-1	0	0.3309
1	-3	2	-1	1	0.3693
1	-3	2	-1	2	0.4129
1	-3	2	-1	3	0.4476
1	-3	2	0	-3	0.1166
1	-3	2	0	-2	0.1206
1	-3	2	0	-1	0.1292
1	-3	2	0	0	0.1489
1	-3	2	0	1	0.1981
1	-3	2	0	2	0.2964
1	-3	2	0	3	0.3888
1	-3	3	-3	-3	0.4409
1	-3	3	-3	-2	0.4438
1	-3	3	-3	-1	0.4488
1	-3	3	-3	0	0.4566
1	-3	3	-3	1	0.4667
1	-3	3	-3	2	0.4768
1	-3	3	-3	3	0.4848
1	-3	3	-2	-3	0.3814
1	-3	3	-2	-2	0.3867
1	-3	3	-2	-1	0.3964
1	-3	3	-2	0	0.4121
1	-3	3	-2	1	0.4334
1	-3	3	-2	2	0.4553
1	-3	3	-2	3	0.4725
1	-3	3	-1	-3	0.2605

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-3	3	-1	-2	0.2678
1	-3	3	-1	-1	0.2824
1	-3	3	-1	0	0.3099
1	-3	3	-1	1	0.3542
1	-3	3	-1	2	0.4053
1	-3	3	-1	3	0.4452
1	-3	3	0	-3	0.0661
1	-3	3	0	-2	0.0687
1	-3	3	0	-1	0.0744
1	-3	3	0	0	0.0886
1	-3	3	0	1	0.1322
1	-3	3	0	2	0.2558
1	-3	3	0	3	0.3759
1	-2	-3	-3	-3	0.4296
1	-2	-3	-3	-2	0.4299
1	-2	-3	-3	-1	0.4306
1	-2	-3	-3	0	0.4316
1	-2	-3	-3	1	0.4329
1	-2	-3	-3	2	0.4344
1	-2	-3	-3	3	0.4356
1	-2	-3	-2	-3	0.4224
1	-2	-3	-2	-2	0.4231
1	-2	-3	-2	-1	0.4242
1	-2	-3	-2	0	0.4261
1	-2	-3	-2	1	0.4286
1	-2	-3	-2	2	0.4313
1	-2	-3	-2	3	0.4337
1	-2	-3	-1	-3	0.4101
1	-2	-3	-1	-2	0.4112
1	-2	-3	-1	-1	0.4130
1	-2	-3	-1	0	0.4161
1	-2	-3	-1	1	0.4205
1	-2	-3	-1	2	0.4255
1	-2	-3	-1	3	0.4300
1	-2	-3	0	-3	0.3916
1	-2	-3	0	-2	0.3930
1	-2	-3	0	-1	0.3956
1	-2	-3	0	0	0.4000
1	-2	-3	0	1	0.4067
1	-2	-3	0	2	0.4150
1	-2	-3	0	3	0.4230
1	-2	-3	1	-3	0.3692
1	-2	-3	1	-2	0.3706
1	-2	-3	1	-1	0.3733
1	-2	-3	1	0	0.3782
1	-2	-3	1	1	0.3864
1	-2	-3	1	2	0.3978
1	-2	-3	1	3	0.4105
1	-2	-3	2	-3	0.3482
1	-2	-3	2	-2	0.3493
1	-2	-3	2	-1	0.3515
1	-2	-3	2	0	0.3556

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-2	-3	2	1	0.3630
1	-2	-3	2	2	0.3750
1	-2	-3	2	3	0.3911
1	-2	-3	3	-3	0.3329
1	-2	-3	3	-2	0.3336
1	-2	-3	3	-1	0.3350
1	-2	-3	3	0	0.3377
1	-2	-3	3	1	0.3428
1	-2	-3	3	2	0.3522
1	-2	-3	3	3	0.3672
1	-2	-2	-3	-3	0.4304
1	-2	-2	-3	-2	0.4310
1	-2	-2	-3	-1	0.4322
1	-2	-2	-3	0	0.4340
1	-2	-2	-3	1	0.4364
1	-2	-2	-3	2	0.4389
1	-2	-2	-3	3	0.4411
1	-2	-2	-2	-3	0.4174
1	-2	-2	-2	-2	0.4186
1	-2	-2	-2	-1	0.4207
1	-2	-2	-2	0	0.4240
1	-2	-2	-2	1	0.4286
1	-2	-2	-2	2	0.4335
1	-2	-2	-2	3	0.4377
1	-2	-2	-1	-3	0.3947
1	-2	-2	-1	-2	0.3966
1	-2	-2	-1	-1	0.4000
1	-2	-2	-1	0	0.4057
1	-2	-2	-1	1	0.4137
1	-2	-2	-1	2	0.4229
1	-2	-2	-1	3	0.4311
1	-2	-2	0	-3	0.3600
1	-2	-2	0	-2	0.3625
1	-2	-2	0	-1	0.3670
1	-2	-2	0	0	0.3750
1	-2	-2	0	1	0.3874
1	-2	-2	0	2	0.4031
1	-2	-2	0	3	0.4182
1	-2	-2	1	-3	0.3184
1	-2	-2	1	-2	0.3206
1	-2	-2	1	-1	0.3250
1	-2	-2	1	0	0.3333
1	-2	-2	1	1	0.3478
1	-2	-2	1	2	0.3695
1	-2	-2	1	3	0.3943
1	-2	-2	2	-3	0.2810
1	-2	-2	2	-2	0.2826
1	-2	-2	2	-1	0.2857
1	-2	-2	2	0	0.2918
1	-2	-2	2	1	0.3035
1	-2	-2	2	2	0.3243
1	-2	-2	2	3	0.3552

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-2	-2	3	-3	0.2550
1	-2	-2	3	-2	0.2559
1	-2	-2	3	-1	0.2577
1	-2	-2	3	0	0.2613
1	-2	-2	3	1	0.2684
1	-2	-2	3	2	0.2823
1	-2	-2	3	3	0.3077
1	-2	-1	-3	-3	0.4316
1	-2	-1	-3	-2	0.4327
1	-2	-1	-3	-1	0.4346
1	-2	-1	-3	0	0.4376
1	-2	-1	-3	1	0.4415
1	-2	-1	-3	2	0.4457
1	-2	-1	-3	3	0.4492
1	-2	-1	-2	-3	0.4098
1	-2	-1	-2	-2	0.4118
1	-2	-1	-2	-1	0.4153
1	-2	-1	-2	0	0.4209
1	-2	-1	-2	1	0.4286
1	-2	-1	-2	2	0.4368
1	-2	-1	-2	3	0.4438
1	-2	-1	-1	-3	0.3704
1	-2	-1	-1	-2	0.3736
1	-2	-1	-1	-1	0.3793
1	-2	-1	-1	0	0.3890
1	-2	-1	-1	1	0.4030
1	-2	-1	-1	2	0.4189
1	-2	-1	-1	3	0.4328
1	-2	-1	0	-3	0.3093
1	-2	-1	0	-2	0.3130
1	-2	-1	0	-1	0.3202
1	-2	-1	0	0	0.3333
1	-2	-1	0	1	0.3549
1	-2	-1	0	2	0.3834
1	-2	-1	0	3	0.4106
1	-2	-1	1	-3	0.2375
1	-2	-1	1	-2	0.2404
1	-2	-1	1	-1	0.2461
1	-2	-1	1	0	0.2577
1	-2	-1	1	1	0.2800
1	-2	-1	1	2	0.3182
1	-2	-1	1	3	0.3657
1	-2	-1	2	-3	0.1771
1	-2	-1	2	-2	0.1786
1	-2	-1	2	-1	0.1818
1	-2	-1	2	0	0.1883
1	-2	-1	2	1	0.2020
1	-2	-1	2	2	0.2308
1	-2	-1	2	3	0.2853
1	-2	-1	3	-3	0.1376
1	-2	-1	3	-2	0.1384
1	-2	-1	3	-1	0.1398

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-2	-1	3	0	0.1429
1	-2	-1	3	1	0.1492
1	-2	-1	3	2	0.1628
1	-2	-1	3	3	0.1940
1	-2	0	-3	-3	0.4331
1	-2	0	-3	-2	0.4347
1	-2	0	-3	-1	0.4376
1	-2	0	-3	0	0.4421
1	-2	0	-3	1	0.4479
1	-2	0	-3	2	0.4540
1	-2	0	-3	3	0.4591
1	-2	0	-2	-3	0.4000
1	-2	0	-2	-2	0.4030
1	-2	0	-2	-1	0.4083
1	-2	0	-2	0	0.4169
1	-2	0	-2	1	0.4286
1	-2	0	-2	2	0.4410
1	-2	0	-2	3	0.4513
1	-2	0	-1	-3	0.3381
1	-2	0	-1	-2	0.3427
1	-2	0	-1	-1	0.3514
1	-2	0	-1	0	0.3663
1	-2	0	-1	1	0.3883
1	-2	0	-1	2	0.4136
1	-2	0	-1	3	0.4350
1	-2	0	0	-3	0.2403
1	-2	0	0	-2	0.2450
1	-2	0	0	-1	0.2543
1	-2	0	0	0	0.2727
1	-2	0	0	1	0.3062
1	-2	0	0	2	0.3542
1	-2	0	0	3	0.4000
1	-2	0	1	-3	0.1300
1	-2	0	1	-2	0.1324
1	-2	0	1	-1	0.1373
1	-2	0	1	0	0.1480
1	-2	0	1	1	0.1724
1	-2	0	1	2	0.2287
1	-2	0	1	3	0.3187
1	-2	0	2	-3	0.0444
1	-2	0	2	-2	0.0450
1	-2	0	2	-1	0.0461
1	-2	0	2	0	0.0485
1	-2	0	2	1	0.0542
1	-2	0	2	2	0.0698
1	-2	0	2	3	0.1312
1	-2	1	-3	-3	0.4346
1	-2	1	-3	-2	0.4367
1	-2	1	-3	-1	0.4406
1	-2	1	-3	0	0.4465
1	-2	1	-3	1	0.4543
1	-2	1	-3	2	0.4622

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-2	1	-3	3	0.4687
1	-2	1	-2	-3	0.3899
1	-2	1	-2	-2	0.3939
1	-2	1	-2	-1	0.4011
1	-2	1	-2	0	0.4128
1	-2	1	-2	1	0.4286
1	-2	1	-2	2	0.4452
1	-2	1	-2	3	0.4587
1	-2	1	-1	-3	0.3035
1	-2	1	-1	-2	0.3094
1	-2	1	-1	-1	0.3208
1	-2	1	-1	0	0.3411
1	-2	1	-1	1	0.3722
1	-2	1	-1	2	0.4079
1	-2	1	-1	3	0.4373
1	-2	1	0	-3	0.1653
1	-2	1	0	-2	0.1699
1	-2	1	0	-1	0.1794
1	-2	1	0	0	0.2000
1	-2	1	0	1	0.2438
1	-2	1	0	2	0.3174
1	-2	1	0	3	0.3880
1	-2	1	1	-3	0.0176
1	-2	1	1	-2	0.0180
1	-2	1	1	-1	0.0189
1	-2	1	1	0	0.0210
1	-2	1	1	1	0.0270
1	-2	1	1	2	0.0568
1	-2	1	1	3	0.2403
1	-2	2	-3	-3	0.4357
1	-2	2	-3	-2	0.4384
1	-2	2	-3	-1	0.4429
1	-2	2	-3	0	0.4500
1	-2	2	-3	1	0.4593
1	-2	2	-3	2	0.4686
1	-2	2	-3	3	0.4762
1	-2	2	-2	-3	0.3817
1	-2	2	-2	-2	0.3865
1	-2	2	-2	-1	0.3952
1	-2	2	-2	0	0.4094
1	-2	2	-2	1	0.4286
1	-2	2	-2	2	0.4486
1	-2	2	-2	3	0.4645
1	-2	2	-1	-3	0.2740
1	-2	2	-1	-2	0.2808
1	-2	2	-1	-1	0.2941
1	-2	2	-1	0	0.3188
1	-2	2	-1	1	0.3578
1	-2	2	-1	2	0.4030
1	-2	2	-1	3	0.4392
1	-2	2	0	-3	0.1014
1	-2	2	0	-2	0.1049

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-2	2	0	-1	0.1126
1	-2	2	0	0	0.1304
1	-2	2	0	1	0.1770
1	-2	2	0	2	0.2783
1	-2	2	0	3	0.3770
1	-2	3	-3	-3	0.4365
1	-2	3	-3	-2	0.4394
1	-2	3	-3	-1	0.4445
1	-2	3	-3	0	0.4524
1	-2	3	-3	1	0.4626
1	-2	3	-3	2	0.4729
1	-2	3	-3	3	0.4811
1	-2	3	-2	-3	0.3761
1	-2	3	-2	-2	0.3814
1	-2	3	-2	-1	0.3912
1	-2	3	-2	0	0.4070
1	-2	3	-2	1	0.4286
1	-2	3	-2	2	0.4509
1	-2	3	-2	3	0.4684
1	-2	3	-1	-3	0.2535
1	-2	3	-1	-2	0.2607
1	-2	3	-1	-1	0.2752
1	-2	3	-1	0	0.3026
1	-2	3	-1	1	0.3474
1	-2	3	-1	2	0.3996
1	-2	3	-1	3	0.4405
1	-2	3	0	-3	0.0571
1	-2	3	0	-2	0.0594
1	-2	3	0	-1	0.0644
1	-2	3	0	0	0.0769
1	-2	3	0	1	0.1170
1	-2	3	0	2	0.2428
1	-2	3	0	3	0.3688
1	-1	-3	-3	-3	0.3468
1	-1	-3	-3	-2	0.3472
1	-1	-3	-3	-1	0.3479
1	-1	-3	-3	0	0.3490
1	-1	-3	-3	1	0.3506
1	-1	-3	-3	2	0.3525
1	-1	-3	-3	3	0.3542
1	-1	-3	-2	-3	0.3376
1	-1	-3	-2	-2	0.3382
1	-1	-3	-2	-1	0.3395
1	-1	-3	-2	0	0.3415
1	-1	-3	-2	1	0.3445
1	-1	-3	-2	2	0.3480
1	-1	-3	-2	3	0.3513
1	-1	-3	-1	-3	0.3220
1	-1	-3	-1	-2	0.3231
1	-1	-3	-1	-1	0.3250
1	-1	-3	-1	0	0.3283
1	-1	-3	-1	1	0.3333

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-1	-3	-1	2	0.3396
1	-1	-3	-1	3	0.3457
1	-1	-3	0	-3	0.2996
1	-1	-3	0	-2	0.3009
1	-1	-3	0	-1	0.3033
1	-1	-3	0	0	0.3077
1	-1	-3	0	1	0.3149
1	-1	-3	0	2	0.3247
1	-1	-3	0	3	0.3353
1	-1	-3	1	-3	0.2737
1	-1	-3	1	-2	0.2749
1	-1	-3	1	-1	0.2772
1	-1	-3	1	0	0.2816
1	-1	-3	1	1	0.2895
1	-1	-3	1	2	0.3018
1	-1	-3	1	3	0.3174
1	-1	-3	2	-3	0.2509
1	-1	-3	2	-2	0.2517
1	-1	-3	2	-1	0.2534
1	-1	-3	2	0	0.2567
1	-1	-3	2	1	0.2630
1	-1	-3	2	2	0.2742
1	-1	-3	2	3	0.2915
1	-1	-3	3	-3	0.2349
1	-1	-3	3	-2	0.2354
1	-1	-3	3	-1	0.2364
1	-1	-3	3	0	0.2384
1	-1	-3	3	1	0.2424
1	-1	-3	3	2	0.2500
1	-1	-3	3	3	0.2636
1	-1	-2	-3	-3	0.3571
1	-1	-2	-3	-2	0.3578
1	-1	-2	-3	-1	0.3591
1	-1	-2	-3	0	0.3611
1	-1	-2	-3	1	0.3640
1	-1	-2	-3	2	0.3672
1	-1	-2	-3	3	0.3701
1	-1	-2	-2	-3	0.3409
1	-1	-2	-2	-2	0.3421
1	-1	-2	-2	-1	0.3443
1	-1	-2	-2	0	0.3480
1	-1	-2	-2	1	0.3534
1	-1	-2	-2	2	0.3596
1	-1	-2	-2	3	0.3653
1	-1	-2	-1	-3	0.3129
1	-1	-2	-1	-2	0.3147
1	-1	-2	-1	-1	0.3182
1	-1	-2	-1	0	0.3242
1	-1	-2	-1	1	0.3333
1	-1	-2	-1	2	0.3447
1	-1	-2	-1	3	0.3557
1	-1	-2	0	-3	0.2717

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-1	-2	0	-2	0.2738
1	-1	-2	0	-1	0.2780
1	-1	-2	0	0	0.2857
1	-1	-2	0	1	0.2987
1	-1	-2	0	2	0.3172
1	-1	-2	0	3	0.3370
1	-1	-2	1	-3	0.2247
1	-1	-2	1	-2	0.2265
1	-1	-2	1	-1	0.2300
1	-1	-2	1	0	0.2369
1	-1	-2	1	1	0.2500
1	-1	-2	1	2	0.2724
1	-1	-2	1	3	0.3026
1	-1	-2	2	-3	0.1847
1	-1	-2	2	-2	0.1858
1	-1	-2	2	-1	0.1880
1	-1	-2	2	0	0.1924
1	-1	-2	2	1	0.2013
1	-1	-2	2	2	0.2188
1	-1	-2	2	3	0.2500
1	-1	-2	3	-3	0.1579
1	-1	-2	3	-2	0.1584
1	-1	-2	3	-1	0.1596
1	-1	-2	3	0	0.1619
1	-1	-2	3	1	0.1667
1	-1	-2	3	2	0.1764
1	-1	-2	3	3	0.1964
1	-1	-1	-3	-3	0.3721
1	-1	-1	-3	-2	0.3733
1	-1	-1	-3	-1	0.3753
1	-1	-1	-3	0	0.3787
1	-1	-1	-3	1	0.3833
1	-1	-1	-3	2	0.3884
1	-1	-1	-3	3	0.3928
1	-1	-1	-2	-3	0.3458
1	-1	-1	-2	-2	0.3478
1	-1	-1	-2	-1	0.3515
1	-1	-1	-2	0	0.3577
1	-1	-1	-2	1	0.3665
1	-1	-1	-2	2	0.3766
1	-1	-1	-2	3	0.3855
1	-1	-1	-1	-3	0.2990
1	-1	-1	-1	-2	0.3020
1	-1	-1	-1	-1	0.3077
1	-1	-1	-1	0	0.3177
1	-1	-1	-1	1	0.3333
1	-1	-1	-1	2	0.3526
1	-1	-1	-1	3	0.3706
1	-1	-1	0	-3	0.2286
1	-1	-1	0	-2	0.2317
1	-1	-1	0	-1	0.2380
1	-1	-1	0	0	0.2500

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-1	-1	0	1	0.2718
1	-1	-1	0	2	0.3045
1	-1	-1	0	3	0.3397
1	-1	-1	1	-3	0.1499
1	-1	-1	1	-2	0.1518
1	-1	-1	1	-1	0.1559
1	-1	-1	1	0	0.1642
1	-1	-1	1	1	0.1818
1	-1	-1	1	2	0.2179
1	-1	-1	1	3	0.2754
1	-1	-1	2	-3	0.0867
1	-1	-1	2	-2	0.0875
1	-1	-1	2	-1	0.0891
1	-1	-1	2	0	0.0925
1	-1	-1	2	1	0.1000
1	-1	-1	2	2	0.1176
1	-1	-1	2	3	0.1631
1	-1	-1	3	-3	0.0466
1	-1	-1	3	-2	0.0469
1	-1	-1	3	-1	0.0474
1	-1	-1	3	0	0.0484
1	-1	-1	3	1	0.0507
1	-1	-1	3	2	0.0557
1	-1	-1	3	3	0.0690
1	-1	0	-3	-3	0.3898
1	-1	0	-3	-2	0.3916
1	-1	0	-3	-1	0.3946
1	-1	0	-3	0	0.3995
1	-1	0	-3	1	0.4061
1	-1	0	-3	2	0.4132
1	-1	0	-3	3	0.4192
1	-1	0	-2	-3	0.3518
1	-1	0	-2	-2	0.3548
1	-1	0	-2	-1	0.3604
1	-1	0	-2	0	0.3696
1	-1	0	-2	1	0.3826
1	-1	0	-2	2	0.3971
1	-1	0	-2	3	0.4095
1	-1	0	-1	-3	0.2813
1	-1	0	-1	-2	0.2857
1	-1	0	-1	-1	0.2941
1	-1	0	-1	0	0.3093
1	-1	0	-1	1	0.3333
1	-1	0	-1	2	0.3629
1	-1	0	-1	3	0.3891
1	-1	0	0	-3	0.1729
1	-1	0	0	-2	0.1766
1	-1	0	0	-1	0.1842
1	-1	0	0	0	0.2000
1	-1	0	0	1	0.2319
1	-1	0	0	2	0.2857
1	-1	0	0	3	0.3434

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-1	0	1	-3	0.0559
1	-1	0	1	-2	0.0570
1	-1	0	1	-1	0.0592
1	-1	0	1	0	0.0643
1	-1	0	1	1	0.0769
1	-1	0	1	2	0.1160
1	-1	0	1	3	0.2249
1	-1	1	-3	-3	0.4066
1	-1	1	-3	-2	0.4089
1	-1	1	-3	-1	0.4128
1	-1	1	-3	0	0.4191
1	-1	1	-3	1	0.4275
1	-1	1	-3	2	0.4363
1	-1	1	-3	3	0.4436
1	-1	1	-2	-3	0.3576
1	-1	1	-2	-2	0.3617
1	-1	1	-2	-1	0.3691
1	-1	1	-2	0	0.3813
1	-1	1	-2	1	0.3984
1	-1	1	-2	2	0.4169
1	-1	1	-2	3	0.4321
1	-1	1	-1	-3	0.2634
1	-1	1	-1	-2	0.2690
1	-1	1	-1	-1	0.2800
1	-1	1	-1	0	0.3004
1	-1	1	-1	1	0.3333
1	-1	1	-1	2	0.3734
1	-1	1	-1	3	0.4072
1	-1	1	0	-3	0.1159
1	-1	1	0	-2	0.1193
1	-1	1	0	-1	0.1266
1	-1	1	0	0	0.1429
1	-1	1	0	1	0.1818
1	-1	1	0	2	0.2618
1	-1	1	0	3	0.3475
1	-1	2	-3	-3	0.4194
1	-1	2	-3	-2	0.4220
1	-1	2	-3	-1	0.4267
1	-1	2	-3	0	0.4341
1	-1	2	-3	1	0.4438
1	-1	2	-3	2	0.4537
1	-1	2	-3	3	0.4618
1	-1	2	-2	-3	0.3622
1	-1	2	-2	-2	0.3671
1	-1	2	-2	-1	0.3759
1	-1	2	-2	0	0.3905
1	-1	2	-2	1	0.4107
1	-1	2	-2	2	0.4320
1	-1	2	-2	3	0.4492
1	-1	2	-1	-3	0.2488
1	-1	2	-1	-2	0.2554
1	-1	2	-1	-1	0.2683

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	-1	2	-1	0	0.2928
1	-1	2	-1	1	0.3333
1	-1	2	-1	2	0.3820
1	-1	2	-1	3	0.4214
1	-1	2	0	-3	0.0696
1	-1	2	0	-2	0.0721
1	-1	2	0	-1	0.0776
1	-1	2	0	0	0.0909
1	-1	2	0	1	0.1294
1	-1	2	0	2	0.2362
1	-1	2	0	3	0.3511
1	-1	3	-3	-3	0.4276
1	-1	3	-3	-2	0.4305
1	-1	3	-3	-1	0.4357
1	-1	3	-3	0	0.4437
1	-1	3	-3	1	0.4542
1	-1	3	-3	2	0.4648
1	-1	3	-3	3	0.4733
1	-1	3	-2	-3	0.3652
1	-1	3	-2	-2	0.3706
1	-1	3	-2	-1	0.3804
1	-1	3	-2	0	0.3966
1	-1	3	-2	1	0.4187
1	-1	3	-2	2	0.4418
1	-1	3	-2	3	0.4601
1	-1	3	-1	-3	0.2391
1	-1	3	-1	-2	0.2461
1	-1	3	-1	-1	0.2603
1	-1	3	-1	0	0.2876
1	-1	3	-1	1	0.3333
1	-1	3	-1	2	0.3878
1	-1	3	-1	3	0.4307
1	-1	3	0	-3	0.0387
1	-1	3	0	-2	0.0402
1	-1	3	0	-1	0.0437
1	-1	3	0	0	0.0526
1	-1	3	0	1	0.0836
1	-1	3	0	2	0.2132
1	-1	3	0	3	0.3537
1	0	-3	-3	-3	0.0795
1	0	-3	-3	-2	0.0797
1	0	-3	-3	-1	0.0801
1	0	-3	-3	0	0.0808
1	0	-3	-3	1	0.0821
1	0	-3	-3	2	0.0842
1	0	-3	-3	3	0.0874
1	0	-3	-2	-3	0.0623
1	0	-3	-2	-2	0.0625
1	0	-3	-2	-1	0.0630
1	0	-3	-2	0	0.0639
1	0	-3	-2	1	0.0658
1	0	-3	-2	2	0.0692

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	0	-3	-2	3	0.0747
1	0	-3	-1	-3	0.0351
1	0	-3	-1	-2	0.0353
1	0	-3	-1	-1	0.0357
1	0	-3	-1	0	0.0365
1	0	-3	-1	1	0.0382
1	0	-3	-1	2	0.0418
1	0	-3	-1	3	0.0491
1	0	-2	-3	-3	0.1346
1	0	-2	-3	-2	0.1351
1	0	-2	-3	-1	0.1361
1	0	-2	-3	0	0.1378
1	0	-2	-3	1	0.1409
1	0	-2	-3	2	0.1456
1	0	-2	-3	3	0.1514
1	0	-2	-2	-3	0.1065
1	0	-2	-2	-2	0.1071
1	0	-2	-2	-1	0.1085
1	0	-2	-2	0	0.1111
1	0	-2	-2	1	0.1160
1	0	-2	-2	2	0.1241
1	0	-2	-2	3	0.1353
1	0	-2	-1	-3	0.0607
1	0	-2	-1	-2	0.0613
1	0	-2	-1	-1	0.0625
1	0	-2	-1	0	0.0650
1	0	-2	-1	1	0.0701
1	0	-2	-1	2	0.0807
1	0	-2	-1	3	0.1000
1	0	-1	-3	-3	0.2059
1	0	-1	-3	-2	0.2069
1	0	-1	-3	-1	0.2089
1	0	-1	-3	0	0.2125
1	0	-1	-3	1	0.2181
1	0	-1	-3	2	0.2258
1	0	-1	-3	3	0.2339
1	0	-1	-2	-3	0.1651
1	0	-1	-2	-2	0.1667
1	0	-1	-2	-1	0.1697
1	0	-1	-2	0	0.1754
1	0	-1	-2	1	0.1853
1	0	-1	-2	2	0.2000
1	0	-1	-2	3	0.2166
1	0	-1	-1	-3	0.0956
1	0	-1	-1	-2	0.0970
1	0	-1	-1	-1	0.1000
1	0	-1	-1	0	0.1061
1	0	-1	-1	1	0.1187
1	0	-1	-1	2	0.1429
1	0	-1	-1	3	0.1773
1	0	-1	0	3	0.0357
1	0	0	-3	-3	0.2800

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	0	0	-3	-2	0.2817
1	0	0	-3	-1	0.2850
1	0	0	-3	0	0.2905
1	0	0	-3	1	0.2986
1	0	0	-3	2	0.3085
1	0	0	-3	3	0.3177
1	0	0	-2	-3	0.2280
1	0	0	-2	-2	0.2308
1	0	0	-2	-1	0.2361
1	0	0	-2	0	0.2457
1	0	0	-2	1	0.2612
1	0	0	-2	2	0.2814
1	0	0	-2	3	0.3008
1	0	0	-1	-3	0.1343
1	0	0	-1	-2	0.1371
1	0	0	-1	-1	0.1429
1	0	0	-1	0	0.1547
1	0	0	-1	1	0.1784
1	0	0	-1	2	0.2182
1	0	0	-1	3	0.2624
1	0	0	0	3	0.1429
1	0	1	-3	-3	0.3415
1	0	1	-3	-2	0.3438
1	0	1	-3	-1	0.3481
1	0	1	-3	0	0.3551
1	0	1	-3	1	0.3649
1	0	1	-3	2	0.3758
1	0	1	-3	3	0.3852
1	0	1	-2	-3	0.2817
1	0	1	-2	-2	0.2857
1	0	1	-2	-1	0.2932
1	0	1	-2	0	0.3062
1	0	1	-2	1	0.3259
1	0	1	-2	2	0.3491
1	0	1	-2	3	0.3693
1	0	1	-1	-3	0.1685
1	0	1	-1	-2	0.1729
1	0	1	-1	-1	0.1818
1	0	1	-1	0	0.2000
1	0	1	-1	1	0.2347
1	0	1	-1	2	0.2857
1	0	1	-1	3	0.3333
1	0	1	0	3	0.2286
1	0	2	-3	-3	0.3836
1	0	2	-3	-2	0.3863
1	0	2	-3	-1	0.3913
1	0	2	-3	0	0.3992
1	0	2	-3	1	0.4098
1	0	2	-3	2	0.4211
1	0	2	-3	3	0.4304
1	0	2	-2	-3	0.3195
1	0	2	-2	-2	0.3243

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	0	2	-2	-1	0.3333
1	0	2	-2	0	0.3487
1	0	2	-2	1	0.3708
1	0	2	-2	2	0.3953
1	0	2	-2	3	0.4154
1	0	2	-1	-3	0.1933
1	0	2	-1	-2	0.1990
1	0	2	-1	-1	0.2105
1	0	2	-1	0	0.2339
1	0	2	-1	1	0.2765
1	0	2	-1	2	0.3333
1	0	2	-1	3	0.3814
1	0	2	0	2	0.0741
1	0	2	0	3	0.2857
1	0	3	-3	-3	0.4088
1	0	3	-3	-2	0.4118
1	0	3	-3	-1	0.4171
1	0	3	-3	0	0.4254
1	0	3	-3	1	0.4365
1	0	3	-3	2	0.4479
1	0	3	-3	3	0.4571
1	0	3	-2	-3	0.3424
1	0	3	-2	-2	0.3478
1	0	3	-2	-1	0.3578
1	0	3	-2	0	0.3744
1	0	3	-2	1	0.3978
1	0	3	-2	2	0.4227
1	0	3	-2	3	0.4426
1	0	3	-1	-3	0.2087
1	0	3	-1	-2	0.2152
1	0	3	-1	-1	0.2286
1	0	3	-1	0	0.2553
1	0	3	-1	1	0.3026
1	0	3	-1	2	0.3621
1	0	3	-1	3	0.4099
1	0	3	0	2	0.1176
1	0	3	0	3	0.3193
1	1	1	-3	-3	0.1562
1	1	1	-3	-2	0.1581
1	1	1	-3	-1	0.1616
1	1	1	-3	0	0.1683
1	1	1	-3	1	0.1799
1	1	1	-3	2	0.1968
1	1	1	-3	3	0.2152
1	1	1	-2	-3	0.0611
1	1	1	-2	-2	0.0625
1	1	1	-2	-1	0.0655
1	1	1	-2	0	0.0721
1	1	1	-2	1	0.0874
1	1	1	-2	2	0.1210
1	1	1	-2	3	0.1688
1	1	2	-3	-3	0.2969

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	1	2	-3	-2	0.2997
1	1	2	-3	-1	0.3049
1	1	2	-3	0	0.3137
1	1	2	-3	1	0.3265
1	1	2	-3	2	0.3414
1	1	2	-3	3	0.3544
1	1	2	-2	-3	0.2144
1	1	2	-2	-2	0.2188
1	1	2	-2	-1	0.2271
1	1	2	-2	0	0.2428
1	1	2	-2	1	0.2687
1	1	2	-2	2	0.3017
1	1	2	-2	3	0.3312
1	1	2	-1	-3	0.0558
1	1	2	-1	-2	0.0579
1	1	2	-1	-1	0.0625
1	1	2	-1	0	0.0736
1	1	2	-1	1	0.1050
1	1	2	-1	2	0.1855
1	1	2	-1	3	0.2723
1	1	3	-3	-3	0.3672
1	1	3	-3	-2	0.3703
1	1	3	-3	-1	0.3759
1	1	3	-3	0	0.3849
1	1	3	-3	1	0.3972
1	1	3	-3	2	0.4104
1	1	3	-3	3	0.4212
1	1	3	-2	-3	0.2916
1	1	3	-2	-2	0.2969
1	1	3	-2	-1	0.3069
1	1	3	-2	0	0.3244
1	1	3	-2	1	0.3503
1	1	3	-2	2	0.3795
1	1	3	-2	3	0.4034
1	1	3	-1	-3	0.1406
1	1	3	-1	-2	0.1456
1	1	3	-1	-1	0.1562
1	1	3	-1	0	0.1794
1	1	3	-1	1	0.2279
1	1	3	-1	2	0.3004
1	1	3	-1	3	0.3618
1	1	3	0	3	0.1473
1	2	2	-3	-3	0.0217
1	2	2	-3	-2	0.0222
1	2	2	-3	-1	0.0230
1	2	2	-3	0	0.0250
1	2	2	-3	1	0.0297
1	2	2	-3	2	0.0434
1	2	2	-3	3	0.0786
1	2	3	-3	-3	0.2636
1	2	3	-3	-2	0.2667
1	2	3	-3	-1	0.2724

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
1	2	3	-3	0	0.2824
1	2	3	-3	1	0.2975
1	2	3	-3	2	0.3155
1	2	3	-3	3	0.3316
1	2	3	-2	-3	0.1626
1	2	3	-2	-2	0.1667
1	2	3	-2	-1	0.1749
1	2	3	-2	0	0.1913
1	2	3	-2	1	0.2212
1	2	3	-2	2	0.2630
1	2	3	-2	3	0.3015
1	2	3	-1	3	0.1167
2	-3	-3	-3	-3	0.7395
2	-3	-3	-3	-2	0.7398
2	-3	-3	-3	-1	0.7402
2	-3	-3	-3	0	0.7408
2	-3	-3	-3	1	0.7414
2	-3	-3	-3	2	0.7419
2	-3	-3	-3	3	0.7423
2	-3	-3	-2	-3	0.7364
2	-3	-3	-2	-2	0.7368
2	-3	-3	-2	-1	0.7376
2	-3	-3	-2	0	0.7387
2	-3	-3	-2	1	0.7399
2	-3	-3	-2	2	0.7410
2	-3	-3	-2	3	0.7418
2	-3	-3	-1	-3	0.7303
2	-3	-3	-1	-2	0.7312
2	-3	-3	-1	-1	0.7327
2	-3	-3	-1	0	0.7347
2	-3	-3	-1	1	0.7371
2	-3	-3	-1	2	0.7392
2	-3	-3	-1	3	0.7408
2	-3	-3	0	-3	0.7195
2	-3	-3	0	-2	0.7210
2	-3	-3	0	-1	0.7236
2	-3	-3	0	0	0.7273
2	-3	-3	0	1	0.7316
2	-3	-3	0	2	0.7357
2	-3	-3	0	3	0.7387
2	-3	-3	1	-3	0.7024
2	-3	-3	1	-2	0.7046
2	-3	-3	1	-1	0.7085
2	-3	-3	1	0	0.7143
2	-3	-3	1	1	0.7216
2	-3	-3	1	2	0.7290
2	-3	-3	1	3	0.7347
2	-3	-3	2	-3	0.6811
2	-3	-3	2	-2	0.6835
2	-3	-3	2	-1	0.6878
2	-3	-3	2	0	0.6950
2	-3	-3	2	1	0.7053

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-3	-3	2	2	0.7170
2	-3	-3	2	3	0.7271
2	-3	-3	3	-3	0.6612
2	-3	-3	3	-2	0.6631
2	-3	-3	3	-1	0.6667
2	-3	-3	3	0	0.6732
2	-3	-3	3	1	0.6838
2	-3	-3	3	2	0.6984
2	-3	-3	3	3	0.7138
2	-3	-2	-3	-3	0.7376
2	-3	-2	-3	-2	0.7381
2	-3	-2	-3	-1	0.7388
2	-3	-2	-3	0	0.7398
2	-3	-2	-3	1	0.7409
2	-3	-2	-3	2	0.7419
2	-3	-2	-3	3	0.7426
2	-3	-2	-2	-3	0.7317
2	-3	-2	-2	-2	0.7326
2	-3	-2	-2	-1	0.7341
2	-3	-2	-2	0	0.7361
2	-3	-2	-2	1	0.7383
2	-3	-2	-2	2	0.7403
2	-3	-2	-2	3	0.7417
2	-3	-2	-1	-3	0.7203
2	-3	-2	-1	-2	0.7220
2	-3	-2	-1	-1	0.7248
2	-3	-2	-1	0	0.7287
2	-3	-2	-1	1	0.7331
2	-3	-2	-1	2	0.7370
2	-3	-2	-1	3	0.7398
2	-3	-2	0	-3	0.6991
2	-3	-2	0	-2	0.7021
2	-3	-2	0	-1	0.7071
2	-3	-2	0	0	0.7143
2	-3	-2	0	1	0.7227
2	-3	-2	0	2	0.7304
2	-3	-2	0	3	0.7360
2	-3	-2	1	-3	0.6652
2	-3	-2	1	-2	0.6694
2	-3	-2	1	-1	0.6768
2	-3	-2	1	0	0.6883
2	-3	-2	1	1	0.7030
2	-3	-2	1	2	0.7175
2	-3	-2	1	3	0.7285
2	-3	-2	2	-3	0.6241
2	-3	-2	2	-2	0.6282
2	-3	-2	2	-1	0.6359
2	-3	-2	2	0	0.6493
2	-3	-2	2	1	0.6695
2	-3	-2	2	2	0.6933
2	-3	-2	2	3	0.7137
2	-3	-2	3	-3	0.5889

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-3	-2	3	-2	0.5918
2	-3	-2	3	-1	0.5974
2	-3	-2	3	0	0.6080
2	-3	-2	3	1	0.6267
2	-3	-2	3	2	0.6548
2	-3	-2	3	3	0.6864
2	-3	-1	-3	-3	0.7346
2	-3	-1	-3	-2	0.7354
2	-3	-1	-3	-1	0.7367
2	-3	-1	-3	0	0.7384
2	-3	-1	-3	1	0.7403
2	-3	-1	-3	2	0.7419
2	-3	-1	-3	3	0.7431
2	-3	-1	-2	-3	0.7245
2	-3	-1	-2	-2	0.7260
2	-3	-1	-2	-1	0.7285
2	-3	-1	-2	0	0.7320
2	-3	-1	-2	1	0.7358
2	-3	-1	-2	2	0.7392
2	-3	-1	-2	3	0.7415
2	-3	-1	-1	-3	0.7039
2	-3	-1	-1	-2	0.7070
2	-3	-1	-1	-1	0.7120
2	-3	-1	-1	0	0.7190
2	-3	-1	-1	1	0.7267
2	-3	-1	-1	2	0.7335
2	-3	-1	-1	3	0.7384
2	-3	-1	0	-3	0.6641
2	-3	-1	0	-2	0.6696
2	-3	-1	0	-1	0.6788
2	-3	-1	0	0	0.6923
2	-3	-1	0	1	0.7080
2	-3	-1	0	2	0.7220
2	-3	-1	0	3	0.7319
2	-3	-1	1	-3	0.5993
2	-3	-1	1	-2	0.6065
2	-3	-1	1	-1	0.6196
2	-3	-1	1	0	0.6411
2	-3	-1	1	1	0.6697
2	-3	-1	1	2	0.6979
2	-3	-1	1	3	0.7185
2	-3	-1	2	-3	0.5269
2	-3	-1	2	-2	0.5328
2	-3	-1	2	-1	0.5442
2	-3	-1	2	0	0.5656
2	-3	-1	2	1	0.6019
2	-3	-1	2	2	0.6491
2	-3	-1	2	3	0.6904
2	-3	-1	3	-3	0.4726
2	-3	-1	3	-2	0.4760
2	-3	-1	3	-1	0.4828
2	-3	-1	3	0	0.4965

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-3	-1	3	1	0.5231
2	-3	-1	3	2	0.5706
2	-3	-1	3	3	0.6339
2	-3	0	-3	-3	0.7308
2	-3	0	-3	-2	0.7320
2	-3	0	-3	-1	0.7340
2	-3	0	-3	0	0.7366
2	-3	0	-3	1	0.7394
2	-3	0	-3	2	0.7419
2	-3	0	-3	3	0.7437
2	-3	0	-2	-3	0.7148
2	-3	0	-2	-2	0.7173
2	-3	0	-2	-1	0.7213
2	-3	0	-2	0	0.7267
2	-3	0	-2	1	0.7326
2	-3	0	-2	2	0.7377
2	-3	0	-2	3	0.7413
2	-3	0	-1	-3	0.6809
2	-3	0	-1	-2	0.6860
2	-3	0	-1	-1	0.6943
2	-3	0	-1	0	0.7057
2	-3	0	-1	1	0.7183
2	-3	0	-1	2	0.7290
2	-3	0	-1	3	0.7365
2	-3	0	0	-3	0.6113
2	-3	0	0	-2	0.6204
2	-3	0	0	-1	0.6362
2	-3	0	0	0	0.6596
2	-3	0	0	1	0.6868
2	-3	0	0	2	0.7104
2	-3	0	0	3	0.7264
2	-3	0	1	-3	0.4997
2	-3	0	1	-2	0.5098
2	-3	0	1	-1	0.5293
2	-3	0	1	0	0.5643
2	-3	0	1	1	0.6160
2	-3	0	1	2	0.6683
2	-3	0	1	3	0.7045
2	-3	0	2	-3	0.3910
2	-3	0	2	-2	0.3971
2	-3	0	2	-1	0.4097
2	-3	0	2	0	0.4355
2	-3	0	2	1	0.4872
2	-3	0	2	2	0.5722
2	-3	0	2	3	0.6536
2	-3	0	3	-3	0.3196
2	-3	0	3	-2	0.3225
2	-3	0	3	-1	0.3286
2	-3	0	3	0	0.3411
2	-3	0	3	1	0.3679
2	-3	0	3	2	0.4266
2	-3	0	3	3	0.5370

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-3	1	-3	-3	0.7269
2	-3	1	-3	-2	0.7286
2	-3	1	-3	-1	0.7312
2	-3	1	-3	0	0.7347
2	-3	1	-3	1	0.7386
2	-3	1	-3	2	0.7419
2	-3	1	-3	3	0.7443
2	-3	1	-2	-3	0.7045
2	-3	1	-2	-2	0.7080
2	-3	1	-2	-1	0.7136
2	-3	1	-2	0	0.7211
2	-3	1	-2	1	0.7293
2	-3	1	-2	2	0.7363
2	-3	1	-2	3	0.7411
2	-3	1	-1	-3	0.6546
2	-3	1	-1	-2	0.6621
2	-3	1	-1	-1	0.6742
2	-3	1	-1	0	0.6910
2	-3	1	-1	1	0.7092
2	-3	1	-1	2	0.7244
2	-3	1	-1	3	0.7346
2	-3	1	0	-3	0.5467
2	-3	1	0	-2	0.5596
2	-3	1	0	-1	0.5829
2	-3	1	0	0	0.6190
2	-3	1	0	1	0.6618
2	-3	1	0	2	0.6976
2	-3	1	0	3	0.7207
2	-3	1	1	-3	0.3831
2	-3	1	1	-2	0.3940
2	-3	1	1	-1	0.4163
2	-3	1	1	0	0.4616
2	-3	1	1	1	0.5414
2	-3	1	1	2	0.6305
2	-3	1	1	3	0.6885
2	-3	1	2	-3	0.2451
2	-3	1	2	-2	0.2498
2	-3	1	2	-1	0.2598
2	-3	1	2	0	0.2814
2	-3	1	2	1	0.3324
2	-3	1	2	2	0.4521
2	-3	1	2	3	0.6031
2	-3	1	3	-3	0.1627
2	-3	1	3	-2	0.1645
2	-3	1	3	-1	0.1680
2	-3	1	3	0	0.1756
2	-3	1	3	1	0.1927
2	-3	1	3	2	0.2364
2	-3	1	3	3	0.3703
2	-3	2	-3	-3	0.7237
2	-3	2	-3	-2	0.7257
2	-3	2	-3	-1	0.7289

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-3	2	-3	0	0.7332
2	-3	2	-3	1	0.7379
2	-3	2	-3	2	0.7419
2	-3	2	-3	3	0.7448
2	-3	2	-2	-3	0.6958
2	-3	2	-2	-2	0.7001
2	-3	2	-2	-1	0.7071
2	-3	2	-2	0	0.7165
2	-3	2	-2	1	0.7266
2	-3	2	-2	2	0.7351
2	-3	2	-2	3	0.7410
2	-3	2	-1	-3	0.6308
2	-3	2	-1	-2	0.6404
2	-3	2	-1	-1	0.6562
2	-3	2	-1	0	0.6779
2	-3	2	-1	1	0.7013
2	-3	2	-1	2	0.7204
2	-3	2	-1	3	0.7331
2	-3	2	0	-3	0.4855
2	-3	2	0	-2	0.5012
2	-3	2	0	-1	0.5306
2	-3	2	0	0	0.5789
2	-3	2	0	1	0.6379
2	-3	2	0	2	0.6862
2	-3	2	0	3	0.7158
2	-3	2	1	-3	0.2801
2	-3	2	1	-2	0.2897
2	-3	2	1	-1	0.3103
2	-3	2	1	0	0.3565
2	-3	2	1	1	0.4570
2	-3	2	1	2	0.5909
2	-3	2	1	3	0.6739
2	-3	2	2	-3	0.1243
2	-3	2	2	-2	0.1270
2	-3	2	2	-1	0.1327
2	-3	2	2	0	0.1455
2	-3	2	2	1	0.1788
2	-3	2	2	2	0.2933
2	-3	2	2	3	0.5436
2	-3	2	3	-3	0.0362
2	-3	2	3	-2	0.0366
2	-3	2	3	-1	0.0375
2	-3	2	3	0	0.0393
2	-3	2	3	1	0.0435
2	-3	2	3	2	0.0554
2	-3	2	3	3	0.1155
2	-3	3	-3	-3	0.7215
2	-3	3	-3	-2	0.7238
2	-3	3	-3	-1	0.7274
2	-3	3	-3	0	0.7322
2	-3	3	-3	1	0.7375
2	-3	3	-3	2	0.7419

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-3	3	-3	3	0.7451
2	-3	3	-2	-3	0.6897
2	-3	3	-2	-2	0.6947
2	-3	3	-2	-1	0.7026
2	-3	3	-2	0	0.7133
2	-3	3	-2	1	0.7248
2	-3	3	-2	2	0.7343
2	-3	3	-2	3	0.7409
2	-3	3	-1	-3	0.6133
2	-3	3	-1	-2	0.6245
2	-3	3	-1	-1	0.6430
2	-3	3	-1	0	0.6685
2	-3	3	-1	1	0.6958
2	-3	3	-1	2	0.7178
2	-3	3	-1	3	0.7320
2	-3	3	0	-3	0.4397
2	-3	3	0	-2	0.4568
2	-3	3	0	-1	0.4899
2	-3	3	0	0	0.5472
2	-3	3	0	1	0.6196
2	-3	3	0	2	0.6779
2	-3	3	0	3	0.7124
2	-3	3	1	-3	0.2077
2	-3	3	1	-2	0.2156
2	-3	3	1	-1	0.2328
2	-3	3	1	0	0.2740
2	-3	3	1	1	0.3811
2	-3	3	1	2	0.5571
2	-3	3	1	3	0.6630
2	-3	3	2	-3	0.0426
2	-3	3	2	-2	0.0436
2	-3	3	2	-1	0.0456
2	-3	3	2	0	0.0504
2	-3	3	2	1	0.0634
2	-3	3	2	2	0.1241
2	-3	3	2	3	0.4831
2	-2	-3	-3	-3	0.7318
2	-2	-3	-3	-2	0.7321
2	-2	-3	-3	-1	0.7325
2	-2	-3	-3	0	0.7331
2	-2	-3	-3	1	0.7337
2	-2	-3	-3	2	0.7343
2	-2	-3	-3	3	0.7347
2	-2	-3	-2	-3	0.7284
2	-2	-3	-2	-2	0.7289
2	-2	-3	-2	-1	0.7297
2	-2	-3	-2	0	0.7309
2	-2	-3	-2	1	0.7322
2	-2	-3	-2	2	0.7333
2	-2	-3	-2	3	0.7342
2	-2	-3	-1	-3	0.7220
2	-2	-3	-1	-2	0.7229

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	-3	-1	-1	0.7245
2	-2	-3	-1	0	0.7267
2	-2	-3	-1	1	0.7292
2	-2	-3	-1	2	0.7314
2	-2	-3	-1	3	0.7331
2	-2	-3	0	-3	0.7106
2	-2	-3	0	-2	0.7122
2	-2	-3	0	-1	0.7149
2	-2	-3	0	0	0.7188
2	-2	-3	0	1	0.7233
2	-2	-3	0	2	0.7276
2	-2	-3	0	3	0.7308
2	-2	-3	1	-3	0.6928
2	-2	-3	1	-2	0.6951
2	-2	-3	1	-1	0.6990
2	-2	-3	1	0	0.7051
2	-2	-3	1	1	0.7128
2	-2	-3	1	2	0.7205
2	-2	-3	1	3	0.7266
2	-2	-3	2	-3	0.6708
2	-2	-3	2	-2	0.6732
2	-2	-3	2	-1	0.6776
2	-2	-3	2	0	0.6850
2	-2	-3	2	1	0.6956
2	-2	-3	2	2	0.7078
2	-2	-3	2	3	0.7185
2	-2	-3	3	-3	0.6505
2	-2	-3	3	-2	0.6523
2	-2	-3	3	-1	0.6559
2	-2	-3	3	0	0.6625
2	-2	-3	3	1	0.6733
2	-2	-3	3	2	0.6883
2	-2	-3	3	3	0.7044
2	-2	-2	-3	-3	0.7305
2	-2	-2	-3	-2	0.7310
2	-2	-2	-3	-1	0.7318
2	-2	-2	-3	0	0.7329
2	-2	-2	-3	1	0.7340
2	-2	-2	-3	2	0.7351
2	-2	-2	-3	3	0.7358
2	-2	-2	-2	-3	0.7243
2	-2	-2	-2	-2	0.7253
2	-2	-2	-2	-1	0.7268
2	-2	-2	-2	0	0.7289
2	-2	-2	-2	1	0.7313
2	-2	-2	-2	2	0.7333
2	-2	-2	-2	3	0.7348
2	-2	-2	-1	-3	0.7123
2	-2	-2	-1	-2	0.7141
2	-2	-2	-1	-1	0.7170
2	-2	-2	-1	0	0.7211
2	-2	-2	-1	1	0.7257

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	-2	-1	2	0.7298
2	-2	-2	-1	3	0.7328
2	-2	-2	0	-3	0.6901
2	-2	-2	0	-2	0.6932
2	-2	-2	0	-1	0.6984
2	-2	-2	0	0	0.7059
2	-2	-2	0	1	0.7147
2	-2	-2	0	2	0.7228
2	-2	-2	0	3	0.7288
2	-2	-2	1	-3	0.6548
2	-2	-2	1	-2	0.6591
2	-2	-2	1	-1	0.6667
2	-2	-2	1	0	0.6785
2	-2	-2	1	1	0.6939
2	-2	-2	1	2	0.7091
2	-2	-2	1	3	0.7208
2	-2	-2	2	-3	0.6126
2	-2	-2	2	-2	0.6167
2	-2	-2	2	-1	0.6245
2	-2	-2	2	0	0.6381
2	-2	-2	2	1	0.6588
2	-2	-2	2	2	0.6835
2	-2	-2	2	3	0.7051
2	-2	-2	3	-3	0.5770
2	-2	-2	3	-2	0.5798
2	-2	-2	3	-1	0.5854
2	-2	-2	3	0	0.5959
2	-2	-2	3	1	0.6147
2	-2	-2	3	2	0.6434
2	-2	-2	3	3	0.6763
2	-2	-1	-3	-3	0.7286
2	-2	-1	-3	-2	0.7295
2	-2	-1	-3	-1	0.7308
2	-2	-1	-3	0	0.7325
2	-2	-1	-3	1	0.7345
2	-2	-1	-3	2	0.7362
2	-2	-1	-3	3	0.7375
2	-2	-1	-2	-3	0.7180
2	-2	-1	-2	-2	0.7196
2	-2	-1	-2	-1	0.7222
2	-2	-1	-2	0	0.7258
2	-2	-1	-2	1	0.7298
2	-2	-1	-2	2	0.7333
2	-2	-1	-2	3	0.7358
2	-2	-1	-1	-3	0.6965
2	-2	-1	-1	-2	0.6997
2	-2	-1	-1	-1	0.7049
2	-2	-1	-1	0	0.7122
2	-2	-1	-1	1	0.7203
2	-2	-1	-1	2	0.7274
2	-2	-1	-1	3	0.7325
2	-2	-1	0	-3	0.6550

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	-1	0	-2	0.6607
2	-2	-1	0	-1	0.6702
2	-2	-1	0	0	0.6842
2	-2	-1	0	1	0.7006
2	-2	-1	0	2	0.7152
2	-2	-1	0	3	0.7257
2	-2	-1	1	-3	0.5881
2	-2	-1	1	-2	0.5954
2	-2	-1	1	-1	0.6087
2	-2	-1	1	0	0.6307
2	-2	-1	1	1	0.6604
2	-2	-1	1	2	0.6899
2	-2	-1	1	3	0.7115
2	-2	-1	2	-3	0.5144
2	-2	-1	2	-2	0.5202
2	-2	-1	2	-1	0.5315
2	-2	-1	2	0	0.5530
2	-2	-1	2	1	0.5897
2	-2	-1	2	2	0.6386
2	-2	-1	2	3	0.6818
2	-2	-1	3	-3	0.4597
2	-2	-1	3	-2	0.4630
2	-2	-1	3	-1	0.4697
2	-2	-1	3	0	0.4831
2	-2	-1	3	1	0.5095
2	-2	-1	3	2	0.5571
2	-2	-1	3	3	0.6224
2	-2	0	-3	-3	0.7262
2	-2	0	-3	-2	0.7275
2	-2	0	-3	-1	0.7295
2	-2	0	-3	0	0.7321
2	-2	0	-3	1	0.7351
2	-2	0	-3	2	0.7377
2	-2	0	-3	3	0.7395
2	-2	0	-2	-3	0.7097
2	-2	0	-2	-2	0.7122
2	-2	0	-2	-1	0.7163
2	-2	0	-2	0	0.7219
2	-2	0	-2	1	0.7280
2	-2	0	-2	2	0.7333
2	-2	0	-2	3	0.7371
2	-2	0	-1	-3	0.6746
2	-2	0	-1	-2	0.6798
2	-2	0	-1	-1	0.6883
2	-2	0	-1	0	0.7001
2	-2	0	-1	1	0.7131
2	-2	0	-1	2	0.7243
2	-2	0	-1	3	0.7320
2	-2	0	0	-3	0.6027
2	-2	0	0	-2	0.6120
2	-2	0	0	-1	0.6281
2	-2	0	0	0	0.6522

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	0	0	1	0.6804
2	-2	0	0	2	0.7049
2	-2	0	0	3	0.7216
2	-2	0	1	-3	0.4886
2	-2	0	1	-2	0.4987
2	-2	0	1	-1	0.5182
2	-2	0	1	0	0.5536
2	-2	0	1	1	0.6066
2	-2	0	1	2	0.6610
2	-2	0	1	3	0.6987
2	-2	0	2	-3	0.3789
2	-2	0	2	-2	0.3849
2	-2	0	2	-1	0.3972
2	-2	0	2	0	0.4225
2	-2	0	2	1	0.4739
2	-2	0	2	2	0.5604
2	-2	0	2	3	0.6454
2	-2	0	3	-3	0.3073
2	-2	0	3	-2	0.3101
2	-2	0	3	-1	0.3159
2	-2	0	3	0	0.3281
2	-2	0	3	1	0.3540
2	-2	0	3	2	0.4115
2	-2	0	3	3	0.5232
2	-2	1	-3	-3	0.7238
2	-2	1	-3	-2	0.7255
2	-2	1	-3	-1	0.7281
2	-2	1	-3	0	0.7317
2	-2	1	-3	1	0.7357
2	-2	1	-3	2	0.7391
2	-2	1	-3	3	0.7415
2	-2	1	-2	-3	0.7009
2	-2	1	-2	-2	0.7044
2	-2	1	-2	-1	0.7101
2	-2	1	-2	0	0.7178
2	-2	1	-2	1	0.7262
2	-2	1	-2	2	0.7333
2	-2	1	-2	3	0.7383
2	-2	1	-1	-3	0.6498
2	-2	1	-1	-2	0.6573
2	-2	1	-1	-1	0.6697
2	-2	1	-1	0	0.6869
2	-2	1	-1	1	0.7055
2	-2	1	-1	2	0.7211
2	-2	1	-1	3	0.7316
2	-2	1	0	-3	0.5395
2	-2	1	0	-2	0.5525
2	-2	1	0	-1	0.5761
2	-2	1	0	0	0.6129
2	-2	1	0	1	0.6567
2	-2	1	0	2	0.6936
2	-2	1	0	3	0.7173

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	1	1	-3	0.3738
2	-2	1	1	-2	0.3845
2	-2	1	1	-1	0.4066
2	-2	1	1	0	0.4517
2	-2	1	1	1	0.5325
2	-2	1	1	2	0.6242
2	-2	1	1	3	0.6841
2	-2	1	2	-3	0.2353
2	-2	1	2	-2	0.2398
2	-2	1	2	-1	0.2494
2	-2	1	2	0	0.2703
2	-2	1	2	1	0.3199
2	-2	1	2	2	0.4393
2	-2	1	2	3	0.5954
2	-2	1	3	-3	0.1528
2	-2	1	3	-2	0.1545
2	-2	1	3	-1	0.1578
2	-2	1	3	0	0.1649
2	-2	1	3	1	0.1810
2	-2	1	3	2	0.2225
2	-2	1	3	3	0.3533
2	-2	2	-3	-3	0.7218
2	-2	2	-3	-2	0.7238
2	-2	2	-3	-1	0.7271
2	-2	2	-3	0	0.7314
2	-2	2	-3	1	0.7362
2	-2	2	-3	2	0.7402
2	-2	2	-3	3	0.7431
2	-2	2	-2	-3	0.6935
2	-2	2	-2	-2	0.6979
2	-2	2	-2	-1	0.7049
2	-2	2	-2	0	0.7145
2	-2	2	-2	1	0.7247
2	-2	2	-2	2	0.7333
2	-2	2	-2	3	0.7393
2	-2	2	-1	-3	0.6275
2	-2	2	-1	-2	0.6372
2	-2	2	-1	-1	0.6532
2	-2	2	-1	0	0.6753
2	-2	2	-1	1	0.6990
2	-2	2	-1	2	0.7184
2	-2	2	-1	3	0.7312
2	-2	2	0	-3	0.4803
2	-2	2	0	-2	0.4961
2	-2	2	0	-1	0.5256
2	-2	2	0	0	0.5745
2	-2	2	0	1	0.6344
2	-2	2	0	2	0.6835
2	-2	2	0	3	0.7137
2	-2	2	1	-3	0.2736
2	-2	2	1	-2	0.2830
2	-2	2	1	-1	0.3033

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	2	1	0	0.3489
2	-2	2	1	1	0.4495
2	-2	2	1	2	0.5861
2	-2	2	1	3	0.6710
2	-2	2	2	-3	0.1176
2	-2	2	2	-2	0.1201
2	-2	2	2	-1	0.1255
2	-2	2	2	0	0.1376
2	-2	2	2	1	0.1694
2	-2	2	2	2	0.2806
2	-2	2	2	3	0.5369
2	-2	2	3	-3	0.0294
2	-2	2	3	-2	0.0298
2	-2	2	3	-1	0.0305
2	-2	2	3	0	0.0320
2	-2	2	3	1	0.0354
2	-2	2	3	2	0.0452
2	-2	2	3	3	0.0955
2	-2	3	-3	-3	0.7204
2	-2	3	-3	-2	0.7227
2	-2	3	-3	-1	0.7263
2	-2	3	-3	0	0.7312
2	-2	3	-3	1	0.7365
2	-2	3	-3	2	0.7410
2	-2	3	-3	3	0.7442
2	-2	3	-2	-3	0.6883
2	-2	3	-2	-2	0.6934
2	-2	3	-2	-1	0.7014
2	-2	3	-2	0	0.7121
2	-2	3	-2	1	0.7237
2	-2	3	-2	2	0.7333
2	-2	3	-2	3	0.7399
2	-2	3	-1	-3	0.6114
2	-2	3	-1	-2	0.6226
2	-2	3	-1	-1	0.6412
2	-2	3	-1	0	0.6670
2	-2	3	-1	1	0.6944
2	-2	3	-1	2	0.7166
2	-2	3	-1	3	0.7310
2	-2	3	0	-3	0.4365
2	-2	3	0	-2	0.4536
2	-2	3	0	-1	0.4867
2	-2	3	0	0	0.5443
2	-2	3	0	1	0.6174
2	-2	3	0	2	0.6763
2	-2	3	0	3	0.7112
2	-2	3	1	-3	0.2038
2	-2	3	1	-2	0.2115
2	-2	3	1	-1	0.2285
2	-2	3	1	0	0.2691
2	-2	3	1	1	0.3757
2	-2	3	1	2	0.5538

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-2	3	1	3	0.6612
2	-2	3	2	-3	0.0386
2	-2	3	2	-2	0.0394
2	-2	3	2	-1	0.0413
2	-2	3	2	0	0.0456
2	-2	3	2	1	0.0574
2	-2	3	2	2	0.1133
2	-2	3	2	3	0.4776
2	-1	-3	-3	-3	0.7148
2	-1	-3	-3	-2	0.7151
2	-1	-3	-3	-1	0.7156
2	-1	-3	-3	0	0.7162
2	-1	-3	-3	1	0.7170
2	-1	-3	-3	2	0.7176
2	-1	-3	-3	3	0.7181
2	-1	-3	-2	-3	0.7110
2	-1	-3	-2	-2	0.7115
2	-1	-3	-2	-1	0.7125
2	-1	-3	-2	0	0.7137
2	-1	-3	-2	1	0.7152
2	-1	-3	-2	2	0.7165
2	-1	-3	-2	3	0.7175
2	-1	-3	-1	-3	0.7038
2	-1	-3	-1	-2	0.7048
2	-1	-3	-1	-1	0.7065
2	-1	-3	-1	0	0.7089
2	-1	-3	-1	1	0.7117
2	-1	-3	-1	2	0.7143
2	-1	-3	-1	3	0.7162
2	-1	-3	0	-3	0.6911
2	-1	-3	0	-2	0.6928
2	-1	-3	0	-1	0.6957
2	-1	-3	0	0	0.7000
2	-1	-3	0	1	0.7051
2	-1	-3	0	2	0.7100
2	-1	-3	0	3	0.7136
2	-1	-3	1	-3	0.6716
2	-1	-3	1	-2	0.6740
2	-1	-3	1	-1	0.6782
2	-1	-3	1	0	0.6847
2	-1	-3	1	1	0.6932
2	-1	-3	1	2	0.7018
2	-1	-3	1	3	0.7087
2	-1	-3	2	-3	0.6480
2	-1	-3	2	-2	0.6505
2	-1	-3	2	-1	0.6550
2	-1	-3	2	0	0.6628
2	-1	-3	2	1	0.6741
2	-1	-3	2	2	0.6875
2	-1	-3	2	3	0.6995
2	-1	-3	3	-3	0.6269
2	-1	-3	3	-2	0.6288

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-1	-3	3	-1	0.6324
2	-1	-3	3	0	0.6390
2	-1	-3	3	1	0.6501
2	-1	-3	3	2	0.6660
2	-1	-3	3	3	0.6836
2	-1	-2	-3	-3	0.7152
2	-1	-2	-3	-2	0.7157
2	-1	-2	-3	-1	0.7166
2	-1	-2	-3	0	0.7177
2	-1	-2	-3	1	0.7191
2	-1	-2	-3	2	0.7202
2	-1	-2	-3	3	0.7211
2	-1	-2	-2	-3	0.7083
2	-1	-2	-2	-2	0.7093
2	-1	-2	-2	-1	0.7110
2	-1	-2	-2	0	0.7133
2	-1	-2	-2	1	0.7159
2	-1	-2	-2	2	0.7183
2	-1	-2	-2	3	0.7199
2	-1	-2	-1	-3	0.6949
2	-1	-2	-1	-2	0.6968
2	-1	-2	-1	-1	0.7000
2	-1	-2	-1	0	0.7045
2	-1	-2	-1	1	0.7096
2	-1	-2	-1	2	0.7143
2	-1	-2	-1	3	0.7177
2	-1	-2	0	-3	0.6704
2	-1	-2	0	-2	0.6737
2	-1	-2	0	-1	0.6793
2	-1	-2	0	0	0.6875
2	-1	-2	0	1	0.6973
2	-1	-2	0	2	0.7064
2	-1	-2	0	3	0.7131
2	-1	-2	1	-3	0.6321
2	-1	-2	1	-2	0.6366
2	-1	-2	1	-1	0.6445
2	-1	-2	1	0	0.6572
2	-1	-2	1	1	0.6739
2	-1	-2	1	2	0.6909
2	-1	-2	1	3	0.7040
2	-1	-2	2	-3	0.5876
2	-1	-2	2	-2	0.5917
2	-1	-2	2	-1	0.5995
2	-1	-2	2	0	0.6135
2	-1	-2	2	1	0.6353
2	-1	-2	2	2	0.6622
2	-1	-2	2	3	0.6862
2	-1	-2	3	-3	0.5510
2	-1	-2	3	-2	0.5537
2	-1	-2	3	-1	0.5592
2	-1	-2	3	0	0.5696
2	-1	-2	3	1	0.5884

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-1	-2	3	2	0.6182
2	-1	-2	3	3	0.6538
2	-1	-1	-3	-3	0.7158
2	-1	-1	-3	-2	0.7167
2	-1	-1	-3	-1	0.7181
2	-1	-1	-3	0	0.7200
2	-1	-1	-3	1	0.7222
2	-1	-1	-3	2	0.7241
2	-1	-1	-3	3	0.7254
2	-1	-1	-2	-3	0.7041
2	-1	-1	-2	-2	0.7059
2	-1	-1	-2	-1	0.7087
2	-1	-1	-2	0	0.7126
2	-1	-1	-2	1	0.7170
2	-1	-1	-2	2	0.7209
2	-1	-1	-2	3	0.7236
2	-1	-1	-1	-3	0.6806
2	-1	-1	-1	-2	0.6840
2	-1	-1	-1	-1	0.6897
2	-1	-1	-1	0	0.6975
2	-1	-1	-1	1	0.7064
2	-1	-1	-1	2	0.7143
2	-1	-1	-1	3	0.7199
2	-1	-1	0	-3	0.6355
2	-1	-1	0	-2	0.6414
2	-1	-1	0	-1	0.6516
2	-1	-1	0	0	0.6667
2	-1	-1	0	1	0.6845
2	-1	-1	0	2	0.7007
2	-1	-1	0	3	0.7123
2	-1	-1	1	-3	0.5640
2	-1	-1	1	-2	0.5714
2	-1	-1	1	-1	0.5851
2	-1	-1	1	0	0.6081
2	-1	-1	1	1	0.6400
2	-1	-1	1	2	0.6724
2	-1	-1	1	3	0.6965
2	-1	-1	2	-3	0.4877
2	-1	-1	2	-2	0.4933
2	-1	-1	2	-1	0.5044
2	-1	-1	2	0	0.5257
2	-1	-1	2	1	0.5633
2	-1	-1	2	2	0.6154
2	-1	-1	2	3	0.6633
2	-1	-1	3	-3	0.4321
2	-1	-1	3	-2	0.4353
2	-1	-1	3	-1	0.4417
2	-1	-1	3	0	0.4545
2	-1	-1	3	1	0.4801
2	-1	-1	3	2	0.5279
2	-1	-1	3	3	0.5970
2	-1	0	-3	-3	0.7165

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-1	0	-3	-2	0.7178
2	-1	0	-3	-1	0.7199
2	-1	0	-3	0	0.7228
2	-1	0	-3	1	0.7260
2	-1	0	-3	2	0.7288
2	-1	0	-3	3	0.7307
2	-1	0	-2	-3	0.6988
2	-1	0	-2	-2	0.7015
2	-1	0	-2	-1	0.7058
2	-1	0	-2	0	0.7118
2	-1	0	-2	1	0.7184
2	-1	0	-2	2	0.7241
2	-1	0	-2	3	0.7281
2	-1	0	-1	-3	0.6612
2	-1	0	-1	-2	0.6667
2	-1	0	-1	-1	0.6757
2	-1	0	-1	0	0.6883
2	-1	0	-1	1	0.7022
2	-1	0	-1	2	0.7143
2	-1	0	-1	3	0.7226
2	-1	0	0	-3	0.5845
2	-1	0	0	-2	0.5941
2	-1	0	0	-1	0.6109
2	-1	0	0	0	0.6364
2	-1	0	0	1	0.6667
2	-1	0	0	2	0.6932
2	-1	0	0	3	0.7113
2	-1	0	1	-3	0.4652
2	-1	0	1	-2	0.4752
2	-1	0	1	-1	0.4946
2	-1	0	1	0	0.5306
2	-1	0	1	1	0.5862
2	-1	0	1	2	0.6451
2	-1	0	1	3	0.6863
2	-1	0	2	-3	0.3534
2	-1	0	2	-2	0.3591
2	-1	0	2	-1	0.3708
2	-1	0	2	0	0.3950
2	-1	0	2	1	0.4454
2	-1	0	2	2	0.5349
2	-1	0	2	3	0.6275
2	-1	0	3	-3	0.2814
2	-1	0	3	-2	0.2840
2	-1	0	3	-1	0.2894
2	-1	0	3	0	0.3006
2	-1	0	3	1	0.3248
2	-1	0	3	2	0.3795
2	-1	0	3	3	0.4930
2	-1	1	-3	-3	0.7173
2	-1	1	-3	-2	0.7190
2	-1	1	-3	-1	0.7218
2	-1	1	-3	0	0.7256

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-1	1	-3	1	0.7297
2	-1	1	-3	2	0.7333
2	-1	1	-3	3	0.7358
2	-1	1	-2	-3	0.6933
2	-1	1	-2	-2	0.6970
2	-1	1	-2	-1	0.7029
2	-1	1	-2	0	0.7109
2	-1	1	-2	1	0.7197
2	-1	1	-2	2	0.7272
2	-1	1	-2	3	0.7324
2	-1	1	-1	-3	0.6397
2	-1	1	-1	-2	0.6475
2	-1	1	-1	-1	0.6604
2	-1	1	-1	0	0.6783
2	-1	1	-1	1	0.6979
2	-1	1	-1	2	0.7143
2	-1	1	-1	3	0.7254
2	-1	1	0	-3	0.5245
2	-1	1	0	-2	0.5377
2	-1	1	0	-1	0.5618
2	-1	1	0	0	0.6000
2	-1	1	0	1	0.6461
2	-1	1	0	2	0.6851
2	-1	1	0	3	0.7102
2	-1	1	1	-3	0.3546
2	-1	1	1	-2	0.3650
2	-1	1	1	-1	0.3864
2	-1	1	1	0	0.4310
2	-1	1	1	1	0.5135
2	-1	1	1	2	0.6109
2	-1	1	1	3	0.6750
2	-1	1	2	-3	0.2149
2	-1	1	2	-2	0.2191
2	-1	1	2	-1	0.2279
2	-1	1	2	0	0.2472
2	-1	1	2	1	0.2938
2	-1	1	2	2	0.4118
2	-1	1	2	3	0.5790
2	-1	1	3	-3	0.1323
2	-1	1	3	-2	0.1338
2	-1	1	3	-1	0.1367
2	-1	1	3	0	0.1429
2	-1	1	3	1	0.1569
2	-1	1	3	2	0.1935
2	-1	1	3	3	0.3165
2	-1	2	-3	-3	0.7179
2	-1	2	-3	-2	0.7199
2	-1	2	-3	-1	0.7233
2	-1	2	-3	0	0.7277
2	-1	2	-3	1	0.7326
2	-1	2	-3	2	0.7368
2	-1	2	-3	3	0.7397

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-1	2	-2	-3	0.6887
2	-1	2	-2	-2	0.6933
2	-1	2	-2	-1	0.7005
2	-1	2	-2	0	0.7102
2	-1	2	-2	1	0.7208
2	-1	2	-2	2	0.7297
2	-1	2	-2	3	0.7358
2	-1	2	-1	-3	0.6208
2	-1	2	-1	-2	0.6307
2	-1	2	-1	-1	0.6471
2	-1	2	-1	0	0.6697
2	-1	2	-1	1	0.6942
2	-1	2	-1	2	0.7143
2	-1	2	-1	3	0.7275
2	-1	2	0	-3	0.4698
2	-1	2	0	-2	0.4855
2	-1	2	0	-1	0.5154
2	-1	2	0	0	0.5652
2	-1	2	0	1	0.6271
2	-1	2	0	2	0.6781
2	-1	2	0	3	0.7094
2	-1	2	1	-3	0.2604
2	-1	2	1	-2	0.2694
2	-1	2	1	-1	0.2890
2	-1	2	1	0	0.3333
2	-1	2	1	1	0.4340
2	-1	2	1	2	0.5760
2	-1	2	1	3	0.6649
2	-1	2	2	-3	0.1039
2	-1	2	2	-2	0.1061
2	-1	2	2	-1	0.1108
2	-1	2	2	0	0.1216
2	-1	2	2	1	0.1500
2	-1	2	2	2	0.2537
2	-1	2	2	3	0.5226
2	-1	2	3	-3	0.0157
2	-1	2	3	-2	0.0159
2	-1	2	3	-1	0.0162
2	-1	2	3	0	0.0170
2	-1	2	3	1	0.0189
2	-1	2	3	2	0.0241
2	-1	2	3	3	0.0526
2	-1	3	-3	-3	0.7183
2	-1	3	-3	-2	0.7206
2	-1	3	-3	-1	0.7242
2	-1	3	-3	0	0.7292
2	-1	3	-3	1	0.7345
2	-1	3	-3	2	0.7391
2	-1	3	-3	3	0.7423
2	-1	3	-2	-3	0.6856
2	-1	3	-2	-2	0.6907
2	-1	3	-2	-1	0.6988

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	-1	3	-2	0	0.7098
2	-1	3	-2	1	0.7215
2	-1	3	-2	2	0.7313
2	-1	3	-2	3	0.7380
2	-1	3	-1	-3	0.6074
2	-1	3	-1	-2	0.6188
2	-1	3	-1	-1	0.6376
2	-1	3	-1	0	0.6637
2	-1	3	-1	1	0.6917
2	-1	3	-1	2	0.7143
2	-1	3	-1	3	0.7289
2	-1	3	0	-3	0.4301
2	-1	3	0	-2	0.4471
2	-1	3	0	-1	0.4803
2	-1	3	0	0	0.5385
2	-1	3	0	1	0.6130
2	-1	3	0	2	0.6732
2	-1	3	0	3	0.7088
2	-1	3	1	-3	0.1958
2	-1	3	1	-2	0.2033
2	-1	3	1	-1	0.2197
2	-1	3	1	0	0.2592
2	-1	3	1	1	0.3647
2	-1	3	1	2	0.5470
2	-1	3	1	3	0.6576
2	-1	3	2	-3	0.0304
2	-1	3	2	-2	0.0311
2	-1	3	2	-1	0.0326
2	-1	3	2	0	0.0360
2	-1	3	2	1	0.0453
2	-1	3	2	2	0.0909
2	-1	3	2	3	0.4659
2	0	-3	-3	-3	0.6734
2	0	-3	-3	-2	0.6738
2	0	-3	-3	-1	0.6744
2	0	-3	-3	0	0.6752
2	0	-3	-3	1	0.6762
2	0	-3	-3	2	0.6770
2	0	-3	-3	3	0.6777
2	0	-3	-2	-3	0.6684
2	0	-3	-2	-2	0.6691
2	0	-3	-2	-1	0.6703
2	0	-3	-2	0	0.6719
2	0	-3	-2	1	0.6738
2	0	-3	-2	2	0.6755
2	0	-3	-2	3	0.6768
2	0	-3	-1	-3	0.6591
2	0	-3	-1	-2	0.6604
2	0	-3	-1	-1	0.6625
2	0	-3	-1	0	0.6655
2	0	-3	-1	1	0.6691
2	0	-3	-1	2	0.6725

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	0	-3	-1	3	0.6750
2	0	-3	0	-3	0.6431
2	0	-3	0	-2	0.6451
2	0	-3	0	-1	0.6486
2	0	-3	0	0	0.6538
2	0	-3	0	1	0.6603
2	0	-3	0	2	0.6667
2	0	-3	0	3	0.6716
2	0	-3	1	-3	0.6194
2	0	-3	1	-2	0.6221
2	0	-3	1	-1	0.6268
2	0	-3	1	0	0.6344
2	0	-3	1	1	0.6447
2	0	-3	1	2	0.6558
2	0	-3	1	3	0.6649
2	0	-3	2	-3	0.5925
2	0	-3	2	-2	0.5950
2	0	-3	2	-1	0.5997
2	0	-3	2	0	0.6080
2	0	-3	2	1	0.6209
2	0	-3	2	2	0.6371
2	0	-3	2	3	0.6525
2	0	-3	3	-3	0.5696
2	0	-3	3	-2	0.5714
2	0	-3	3	-1	0.5749
2	0	-3	3	0	0.5816
2	0	-3	3	1	0.5931
2	0	-3	3	2	0.6107
2	0	-3	3	3	0.6318
2	0	-2	-3	-3	0.6786
2	0	-2	-3	-2	0.6792
2	0	-2	-3	-1	0.6803
2	0	-2	-3	0	0.6817
2	0	-2	-3	1	0.6834
2	0	-2	-3	2	0.6849
2	0	-2	-3	3	0.6860
2	0	-2	-2	-3	0.6698
2	0	-2	-2	-2	0.6711
2	0	-2	-2	-1	0.6731
2	0	-2	-2	0	0.6760
2	0	-2	-2	1	0.6793
2	0	-2	-2	2	0.6823
2	0	-2	-2	3	0.6845
2	0	-2	-1	-3	0.6529
2	0	-2	-1	-2	0.6552
2	0	-2	-1	-1	0.6591
2	0	-2	-1	0	0.6646
2	0	-2	-1	1	0.6711
2	0	-2	-1	2	0.6771
2	0	-2	-1	3	0.6815
2	0	-2	0	-3	0.6227
2	0	-2	0	-2	0.6265

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	0	-2	0	-1	0.6330
2	0	-2	0	0	0.6429
2	0	-2	0	1	0.6550
2	0	-2	0	2	0.6667
2	0	-2	0	3	0.6754
2	0	-2	1	-3	0.5773
2	0	-2	1	-2	0.5820
2	0	-2	1	-1	0.5907
2	0	-2	1	0	0.6050
2	0	-2	1	1	0.6250
2	0	-2	1	2	0.6463
2	0	-2	1	3	0.6634
2	0	-2	2	-3	0.5277
2	0	-2	2	-2	0.5317
2	0	-2	2	-1	0.5395
2	0	-2	2	0	0.5539
2	0	-2	2	1	0.5776
2	0	-2	2	2	0.6094
2	0	-2	2	3	0.6399
2	0	-2	3	-3	0.4890
2	0	-2	3	-2	0.4916
2	0	-2	3	-1	0.4967
2	0	-2	3	0	0.5066
2	0	-2	3	1	0.5251
2	0	-2	3	2	0.5566
2	0	-2	3	3	0.5982
2	0	-1	-3	-3	0.6860
2	0	-1	-3	-2	0.6871
2	0	-1	-3	-1	0.6887
2	0	-1	-3	0	0.6911
2	0	-1	-3	1	0.6937
2	0	-1	-3	2	0.6960
2	0	-1	-3	3	0.6977
2	0	-1	-2	-3	0.6719
2	0	-1	-2	-2	0.6739
2	0	-1	-2	-1	0.6773
2	0	-1	-2	0	0.6819
2	0	-1	-2	1	0.6872
2	0	-1	-2	2	0.6920
2	0	-1	-2	3	0.6954
2	0	-1	-1	-3	0.6433
2	0	-1	-1	-2	0.6473
2	0	-1	-1	-1	0.6538
2	0	-1	-1	0	0.6632
2	0	-1	-1	1	0.6740
2	0	-1	-1	2	0.6838
2	0	-1	-1	3	0.6907
2	0	-1	0	-3	0.5893
2	0	-1	0	-2	0.5959
2	0	-1	0	-1	0.6074
2	0	-1	0	0	0.6250
2	0	-1	0	1	0.6466

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	0	-1	0	2	0.6667
2	0	-1	0	3	0.6812
2	0	-1	1	-3	0.5077
2	0	-1	1	-2	0.5152
2	0	-1	1	-1	0.5293
2	0	-1	1	0	0.5542
2	0	-1	1	1	0.5909
2	0	-1	1	2	0.6307
2	0	-1	1	3	0.6611
2	0	-1	2	-3	0.4257
2	0	-1	2	-2	0.4309
2	0	-1	2	-1	0.4413
2	0	-1	2	0	0.4618
2	0	-1	2	1	0.5000
2	0	-1	2	2	0.5588
2	0	-1	2	3	0.6183
2	0	-1	3	-3	0.3686
2	0	-1	3	-2	0.3714
2	0	-1	3	-1	0.3770
2	0	-1	3	0	0.3884
2	0	-1	3	1	0.4117
2	0	-1	3	2	0.4581
2	0	-1	3	3	0.5345
2	0	0	-3	-3	0.6949
2	0	0	-3	-2	0.6964
2	0	0	-3	-1	0.6988
2	0	0	-3	0	0.7020
2	0	0	-3	1	0.7057
2	0	0	-3	2	0.7089
2	0	0	-3	3	0.7112
2	0	0	-2	-3	0.6744
2	0	0	-2	-2	0.6774
2	0	0	-2	-1	0.6823
2	0	0	-2	0	0.6892
2	0	0	-2	1	0.6967
2	0	0	-2	2	0.7034
2	0	0	-2	3	0.7081
2	0	0	-1	-3	0.6308
2	0	0	-1	-2	0.6369
2	0	0	-1	-1	0.6471
2	0	0	-1	0	0.6614
2	0	0	-1	1	0.6777
2	0	0	-1	2	0.6918
2	0	0	-1	3	0.7017
2	0	0	0	-3	0.5430
2	0	0	0	-2	0.5532
2	0	0	0	-1	0.5714
2	0	0	0	0	0.6000
2	0	0	0	1	0.6352
2	0	0	0	2	0.6667
2	0	0	0	3	0.6881
2	0	0	1	-3	0.4128

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	0	0	1	-2	0.4223
2	0	0	1	-1	0.4411
2	0	0	1	0	0.4776
2	0	0	1	1	0.5385
2	0	0	1	2	0.6080
2	0	0	1	3	0.6580
2	0	0	2	-3	0.2968
2	0	0	2	-2	0.3017
2	0	0	2	-1	0.3119
2	0	0	2	0	0.3333
2	0	0	2	1	0.3801
2	0	0	2	2	0.4737
2	0	0	2	3	0.5851
2	0	0	3	-3	0.2240
2	0	0	3	-2	0.2262
2	0	0	3	-1	0.2305
2	0	0	3	0	0.2396
2	0	0	3	1	0.2595
2	0	0	3	2	0.3065
2	0	0	3	3	0.4194
2	0	1	-3	-3	0.7033
2	0	1	-3	-2	0.7052
2	0	1	-3	-1	0.7082
2	0	1	-3	0	0.7123
2	0	1	-3	1	0.7168
2	0	1	-3	2	0.7208
2	0	1	-3	3	0.7236
2	0	1	-2	-3	0.6769
2	0	1	-2	-2	0.6809
2	0	1	-2	-1	0.6873
2	0	1	-2	0	0.6961
2	0	1	-2	1	0.7057
2	0	1	-2	2	0.7140
2	0	1	-2	3	0.7198
2	0	1	-1	-3	0.6177
2	0	1	-1	-2	0.6261
2	0	1	-1	-1	0.6400
2	0	1	-1	0	0.6596
2	0	1	-1	1	0.6813
2	0	1	-1	2	0.6996
2	0	1	-1	3	0.7120
2	0	1	0	-3	0.4918
2	0	1	0	-2	0.5053
2	0	1	0	-1	0.5304
2	0	1	0	0	0.5714
2	0	1	0	1	0.6226
2	0	1	0	2	0.6667
2	0	1	0	3	0.6950
2	0	1	1	-3	0.3132
2	0	1	1	-2	0.3227
2	0	1	1	-1	0.3427
2	0	1	1	0	0.3853

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	0	1	1	1	0.4706
2	0	1	1	2	0.5807
2	0	1	1	3	0.6548
2	0	1	2	-3	0.1713
2	0	1	2	-2	0.1747
2	0	1	2	-1	0.1818
2	0	1	2	0	0.1976
2	0	1	2	1	0.2367
2	0	1	2	2	0.3478
2	0	1	2	3	0.5408
2	0	1	3	-3	0.0886
2	0	1	3	-2	0.0895
2	0	1	3	-1	0.0915
2	0	1	3	0	0.0957
2	0	1	3	1	0.1052
2	0	1	3	2	0.1306
2	0	1	3	3	0.2286
2	0	2	-3	-3	0.7097
2	0	2	-3	-2	0.7119
2	0	2	-3	-1	0.7153
2	0	2	-3	0	0.7201
2	0	2	-3	1	0.7252
2	0	2	-3	2	0.7296
2	0	2	-3	3	0.7328
2	0	2	-2	-3	0.6788
2	0	2	-2	-2	0.6835
2	0	2	-2	-1	0.6911
2	0	2	-2	0	0.7015
2	0	2	-2	1	0.7126
2	0	2	-2	2	0.7221
2	0	2	-2	3	0.7286
2	0	2	-1	-3	0.6067
2	0	2	-1	-2	0.6170
2	0	2	-1	-1	0.6341
2	0	2	-1	0	0.6581
2	0	2	-1	1	0.6842
2	0	2	-1	2	0.7056
2	0	2	-1	3	0.7197
2	0	2	0	-3	0.4476
2	0	2	0	-2	0.4634
2	0	2	0	-1	0.4936
2	0	2	0	0	0.5455
2	0	2	0	1	0.6116
2	0	2	0	2	0.6667
2	0	2	0	3	0.7003
2	0	2	1	-3	0.2328
2	0	2	1	-2	0.2411
2	0	2	1	-1	0.2589
2	0	2	1	0	0.3004
2	0	2	1	1	0.4000
2	0	2	1	2	0.5540
2	0	2	1	3	0.6521

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	0	2	2	-3	0.0753
2	0	2	2	-2	0.0769
2	0	2	2	-1	0.0804
2	0	2	2	0	0.0883
2	0	2	2	1	0.1094
2	0	2	2	2	0.1935
2	0	2	2	3	0.4900
2	0	3	-3	-3	0.7138
2	0	3	-3	-2	0.7161
2	0	3	-3	-1	0.7199
2	0	3	-3	0	0.7250
2	0	3	-3	1	0.7305
2	0	3	-3	2	0.7352
2	0	3	-3	3	0.7386
2	0	3	-2	-3	0.6801
2	0	3	-2	-2	0.6853
2	0	3	-2	-1	0.6937
2	0	3	-2	0	0.7049
2	0	3	-2	1	0.7170
2	0	3	-2	2	0.7272
2	0	3	-2	3	0.7341
2	0	3	-1	-3	0.5992
2	0	3	-1	-2	0.6108
2	0	3	-1	-1	0.6301
2	0	3	-1	0	0.6571
2	0	3	-1	1	0.6861
2	0	3	-1	2	0.7095
2	0	3	-1	3	0.7247
2	0	3	0	-3	0.4168
2	0	3	0	-2	0.4337
2	0	3	0	-1	0.4670
2	0	3	0	0	0.5263
2	0	3	0	1	0.6037
2	0	3	0	2	0.6667
2	0	3	0	3	0.7038
2	0	3	1	-3	0.1796
2	0	3	1	-2	0.1865
2	0	3	1	-1	0.2017
2	0	3	1	0	0.2387
2	0	3	1	1	0.3415
2	0	3	1	2	0.5326
2	0	3	1	3	0.6502
2	0	3	2	-3	0.0137
2	0	3	2	-2	0.0140
2	0	3	2	-1	0.0147
2	0	3	2	0	0.0162
2	0	3	2	1	0.0205
2	0	3	2	2	0.0426
2	0	3	2	3	0.4396
2	1	-3	-3	-3	0.5398
2	1	-3	-3	-2	0.5404
2	1	-3	-3	-1	0.5414

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	-3	-3	0	0.5429
2	1	-3	-3	1	0.5447
2	1	-3	-3	2	0.5465
2	1	-3	-3	3	0.5479
2	1	-3	-2	-3	0.5302
2	1	-3	-2	-2	0.5312
2	1	-3	-2	-1	0.5331
2	1	-3	-2	0	0.5360
2	1	-3	-2	1	0.5395
2	1	-3	-2	2	0.5430
2	1	-3	-2	3	0.5459
2	1	-3	-1	-3	0.5127
2	1	-3	-1	-2	0.5146
2	1	-3	-1	-1	0.5179
2	1	-3	-1	0	0.5229
2	1	-3	-1	1	0.5295
2	1	-3	-1	2	0.5363
2	1	-3	-1	3	0.5418
2	1	-3	0	-3	0.4846
2	1	-3	0	-2	0.4873
2	1	-3	0	-1	0.4921
2	1	-3	0	0	0.5000
2	1	-3	0	1	0.5111
2	1	-3	0	2	0.5233
2	1	-3	0	3	0.5337
2	1	-3	1	-3	0.4478
2	1	-3	1	-2	0.4506
2	1	-3	1	-1	0.4561
2	1	-3	1	0	0.4657
2	1	-3	1	1	0.4808
2	1	-3	1	2	0.5000
2	1	-3	1	3	0.5185
2	1	-3	2	-3	0.4118
2	1	-3	2	-2	0.4140
2	1	-3	2	-1	0.4184
2	1	-3	2	0	0.4267
2	1	-3	2	1	0.4415
2	1	-3	2	2	0.4643
2	1	-3	2	3	0.4916
2	1	-3	3	-3	0.3851
2	1	-3	3	-2	0.3865
2	1	-3	3	-1	0.3893
2	1	-3	3	0	0.3947
2	1	-3	3	1	0.4051
2	1	-3	3	2	0.4238
2	1	-3	3	3	0.4527
2	1	-2	-3	-3	0.5673
2	1	-2	-3	-2	0.5683
2	1	-2	-3	-1	0.5699
2	1	-2	-3	0	0.5724
2	1	-2	-3	1	0.5753
2	1	-2	-3	2	0.5781

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	-2	-3	3	0.5803
2	1	-2	-2	-3	0.5517
2	1	-2	-2	-2	0.5536
2	1	-2	-2	-1	0.5567
2	1	-2	-2	0	0.5615
2	1	-2	-2	1	0.5673
2	1	-2	-2	2	0.5729
2	1	-2	-2	3	0.5772
2	1	-2	-1	-3	0.5223
2	1	-2	-1	-2	0.5256
2	1	-2	-1	-1	0.5312
2	1	-2	-1	0	0.5400
2	1	-2	-1	1	0.5512
2	1	-2	-1	2	0.5623
2	1	-2	-1	3	0.5710
2	1	-2	0	-3	0.4725
2	1	-2	0	-2	0.4772
2	1	-2	0	-1	0.4858
2	1	-2	0	0	0.5000
2	1	-2	0	1	0.5198
2	1	-2	0	2	0.5411
2	1	-2	0	3	0.5584
2	1	-2	1	-3	0.4065
2	1	-2	1	-2	0.4112
2	1	-2	1	-1	0.4202
2	1	-2	1	0	0.4369
2	1	-2	1	1	0.4643
2	1	-2	1	2	0.5000
2	1	-2	1	3	0.5331
2	1	-2	2	-3	0.3449
2	1	-2	2	-2	0.3481
2	1	-2	2	-1	0.3544
2	1	-2	2	0	0.3668
2	1	-2	2	1	0.3908
2	1	-2	2	2	0.4318
2	1	-2	2	3	0.4842
2	1	-2	3	-3	0.3023
2	1	-2	3	-2	0.3040
2	1	-2	3	-1	0.3074
2	1	-2	3	0	0.3144
2	1	-2	3	1	0.3286
2	1	-2	3	2	0.3569
2	1	-2	3	3	0.4079
2	1	-1	-3	-3	0.6029
2	1	-1	-3	-2	0.6044
2	1	-1	-3	-1	0.6068
2	1	-1	-3	0	0.6103
2	1	-1	-3	1	0.6144
2	1	-1	-3	2	0.6182
2	1	-1	-3	3	0.6211
2	1	-1	-2	-3	0.5805
2	1	-1	-2	-2	0.5833

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	-1	-2	-1	0.5881
2	1	-1	-2	0	0.5952
2	1	-1	-2	1	0.6035
2	1	-1	-2	2	0.6113
2	1	-1	-2	3	0.6171
2	1	-1	-1	-3	0.5356
2	1	-1	-1	-2	0.5409
2	1	-1	-1	-1	0.5500
2	1	-1	-1	0	0.5638
2	1	-1	-1	1	0.5808
2	1	-1	-1	2	0.5969
2	1	-1	-1	3	0.6089
2	1	-1	0	-3	0.4549
2	1	-1	0	-2	0.4624
2	1	-1	0	-1	0.4764
2	1	-1	0	0	0.5000
2	1	-1	0	1	0.5328
2	1	-1	0	2	0.5664
2	1	-1	0	3	0.5918
2	1	-1	1	-3	0.3471
2	1	-1	1	-2	0.3535
2	1	-1	1	-1	0.3664
2	1	-1	1	0	0.3918
2	1	-1	1	1	0.4375
2	1	-1	1	2	0.5000
2	1	-1	1	3	0.5546
2	1	-1	2	-3	0.2534
2	1	-1	2	-2	0.2568
2	1	-1	2	-1	0.2638
2	1	-1	2	0	0.2785
2	1	-1	2	1	0.3099
2	1	-1	2	2	0.3750
2	1	-1	2	3	0.4715
2	1	-1	3	-3	0.1935
2	1	-1	3	-2	0.1950
2	1	-1	3	-1	0.1981
2	1	-1	3	0	0.2046
2	1	-1	3	1	0.2184
2	1	-1	3	2	0.2500
2	1	-1	3	3	0.3250
2	1	0	-3	-3	0.6400
2	1	0	-3	-2	0.6419
2	1	0	-3	-1	0.6450
2	1	0	-3	0	0.6494
2	1	0	-3	1	0.6544
2	1	0	-3	2	0.6589
2	1	0	-3	3	0.6622
2	1	0	-2	-3	0.6115
2	1	0	-2	-2	0.6154
2	1	0	-2	-1	0.6218
2	1	0	-2	0	0.6310
2	1	0	-2	1	0.6415

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	0	-2	2	0.6509
2	1	0	-2	3	0.6577
2	1	0	-1	-3	0.5509
2	1	0	-1	-2	0.5585
2	1	0	-1	-1	0.5714
2	1	0	-1	0	0.5907
2	1	0	-1	1	0.6134
2	1	0	-1	2	0.6338
2	1	0	-1	3	0.6482
2	1	0	0	-3	0.4337
2	1	0	0	-2	0.4444
2	1	0	0	-1	0.4648
2	1	0	0	0	0.5000
2	1	0	0	1	0.5486
2	1	0	0	2	0.5954
2	1	0	0	3	0.6279
2	1	0	1	-3	0.2784
2	1	0	1	-2	0.2857
2	1	0	1	-1	0.3009
2	1	0	1	0	0.3333
2	1	0	1	1	0.4000
2	1	0	1	2	0.5000
2	1	0	1	3	0.5803
2	1	0	2	-3	0.1544
2	1	0	2	-2	0.1571
2	1	0	2	-1	0.1627
2	1	0	2	0	0.1751
2	1	0	2	1	0.2047
2	1	0	2	2	0.2857
2	1	0	2	3	0.4520
2	1	0	3	-3	0.0805
2	1	0	3	-2	0.0813
2	1	0	3	-1	0.0829
2	1	0	3	0	0.0862
2	1	0	3	1	0.0938
2	1	0	3	2	0.1134
2	1	0	3	3	0.1818
2	1	1	-3	-3	0.6707
2	1	1	-3	-2	0.6730
2	1	1	-3	-1	0.6765
2	1	1	-3	0	0.6815
2	1	1	-3	1	0.6870
2	1	1	-3	2	0.6919
2	1	1	-3	3	0.6954
2	1	1	-2	-3	0.6382
2	1	1	-2	-2	0.6429
2	1	1	-2	-1	0.6505
2	1	1	-2	0	0.6612
2	1	1	-2	1	0.6731
2	1	1	-2	2	0.6834
2	1	1	-2	3	0.6906
2	1	1	-1	-3	0.5649

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	1	-1	-2	0.5745
2	1	1	-1	-1	0.5909
2	1	1	-1	0	0.6147
2	1	1	-1	1	0.6418
2	1	1	-1	2	0.6650
2	1	1	-1	3	0.6807
2	1	1	0	-3	0.4136
2	1	1	0	-2	0.4272
2	1	1	0	-1	0.4534
2	1	1	0	0	0.5000
2	1	1	0	1	0.5639
2	1	1	0	2	0.6217
2	1	1	0	3	0.6587
2	1	1	1	-3	0.2168
2	1	1	1	-2	0.2239
2	1	1	1	-1	0.2391
2	1	1	1	0	0.2738
2	1	1	1	1	0.3571
2	1	1	1	2	0.5000
2	1	1	1	3	0.6045
2	1	1	2	-3	0.0708
2	1	1	2	-2	0.0722
2	1	1	2	-1	0.0753
2	1	1	2	0	0.0821
2	1	1	2	1	0.1000
2	1	1	2	2	0.1667
2	1	1	2	3	0.4260
2	1	2	-3	-3	0.6918
2	1	2	-3	-2	0.6942
2	1	2	-3	-1	0.6980
2	1	2	-3	0	0.7033
2	1	2	-3	1	0.7091
2	1	2	-3	2	0.7141
2	1	2	-3	3	0.7176
2	1	2	-2	-3	0.6569
2	1	2	-2	-2	0.6622
2	1	2	-2	-1	0.6706
2	1	2	-2	0	0.6821
2	1	2	-2	1	0.6947
2	1	2	-2	2	0.7054
2	1	2	-2	3	0.7128
2	1	2	-1	-3	0.5752
2	1	2	-1	-2	0.5864
2	1	2	-1	-1	0.6053
2	1	2	-1	0	0.6322
2	1	2	-1	1	0.6620
2	1	2	-1	2	0.6865
2	1	2	-1	3	0.7027
2	1	2	0	-3	0.3984
2	1	2	0	-2	0.4139
2	1	2	0	-1	0.4444
2	1	2	0	0	0.5000

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	2	0	1	0.5759
2	1	2	0	2	0.6408
2	1	2	0	3	0.6802
2	1	2	1	-3	0.1726
2	1	2	1	-2	0.1790
2	1	2	1	-1	0.1929
2	1	2	1	0	0.2263
2	1	2	1	1	0.3182
2	1	2	1	2	0.5000
2	1	2	1	3	0.6226
2	1	2	2	-3	0.0133
2	1	2	2	-2	0.0135
2	1	2	2	-1	0.0142
2	1	2	2	0	0.0156
2	1	2	2	1	0.0195
2	1	2	2	2	0.0385
2	1	2	2	3	0.3962
2	1	3	-3	-3	0.7044
2	1	3	-3	-2	0.7069
2	1	3	-3	-1	0.7108
2	1	3	-3	0	0.7162
2	1	3	-3	1	0.7221
2	1	3	-3	2	0.7272
2	1	3	-3	3	0.7307
2	1	3	-2	-3	0.6684
2	1	3	-2	-2	0.6739
2	1	3	-2	-1	0.6828
2	1	3	-2	0	0.6947
2	1	3	-2	1	0.7077
2	1	3	-2	2	0.7185
2	1	3	-2	3	0.7259
2	1	3	-1	-3	0.5817
2	1	3	-1	-2	0.5939
2	1	3	-1	-1	0.6143
2	1	3	-1	0	0.6431
2	1	3	-1	1	0.6743
2	1	3	-1	2	0.6995
2	1	3	-1	3	0.7158
2	1	3	0	-3	0.3887
2	1	3	0	-2	0.4053
2	1	3	0	-1	0.4385
2	1	3	0	0	0.5000
2	1	3	0	1	0.5836
2	1	3	0	2	0.6527
2	1	3	0	3	0.6931
2	1	3	1	-3	0.1455
2	1	3	1	-2	0.1512
2	1	3	1	-1	0.1638
2	1	3	1	0	0.1952
2	1	3	1	1	0.2895
2	1	3	1	2	0.5000
2	1	3	1	3	0.6341

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	1	3	2	3	0.2132
2	2	-1	-3	-3	0.1562
2	2	-1	-3	-2	0.1581
2	2	-1	-3	-1	0.1616
2	2	-1	-3	0	0.1683
2	2	-1	-3	1	0.1799
2	2	-1	-3	2	0.1968
2	2	-1	-3	3	0.2152
2	2	-1	-2	-3	0.0611
2	2	-1	-2	-2	0.0625
2	2	-1	-2	-1	0.0655
2	2	-1	-2	0	0.0721
2	2	-1	-2	1	0.0874
2	2	-1	-2	2	0.1210
2	2	-1	-2	3	0.1688
2	2	0	-3	-3	0.4375
2	2	0	-3	-2	0.4408
2	2	0	-3	-1	0.4465
2	2	0	-3	0	0.4553
2	2	0	-3	1	0.4667
2	2	0	-3	2	0.4781
2	2	0	-3	3	0.4871
2	2	0	-2	-3	0.3690
2	2	0	-2	-2	0.3750
2	2	0	-2	-1	0.3860
2	2	0	-2	0	0.4041
2	2	0	-2	1	0.4286
2	2	0	-2	2	0.4537
2	2	0	-2	3	0.4732
2	2	0	-1	-3	0.2268
2	2	0	-1	-2	0.2344
2	2	0	-1	-1	0.2500
2	2	0	-1	0	0.2808
2	2	0	-1	1	0.3333
2	2	0	-1	2	0.3951
2	2	0	-1	3	0.4421
2	2	0	0	2	0.1667
2	2	0	0	3	0.3571
2	2	1	-3	-3	0.5781
2	2	1	-3	-2	0.5813
2	2	1	-3	-1	0.5866
2	2	1	-3	0	0.5942
2	2	1	-3	1	0.6030
2	2	1	-3	2	0.6111
2	2	1	-3	3	0.6170
2	2	1	-2	-3	0.5247
2	2	1	-2	-2	0.5312
2	2	1	-2	-1	0.5424
2	2	1	-2	0	0.5589
2	2	1	-2	1	0.5784
2	2	1	-2	2	0.5960
2	2	1	-2	3	0.6086

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	2	1	-1	-3	0.4040
2	2	1	-1	-2	0.4158
2	2	1	-1	-1	0.4375
2	2	1	-1	0	0.4734
2	2	1	-1	1	0.5196
2	2	1	-1	2	0.5618
2	2	1	-1	3	0.5905
2	2	1	0	-3	0.1799
2	2	1	0	-2	0.1883
2	2	1	0	-1	0.2068
2	2	1	0	0	0.2500
2	2	1	0	1	0.3465
2	2	1	0	2	0.4693
2	2	1	0	3	0.5474
2	2	1	1	3	0.2292
2	2	2	-3	-3	0.6484
2	2	2	-3	-2	0.6514
2	2	2	-3	-1	0.6562
2	2	2	-3	0	0.6628
2	2	2	-3	1	0.6702
2	2	2	-3	2	0.6767
2	2	2	-3	3	0.6814
2	2	2	-2	-3	0.6030
2	2	2	-2	-2	0.6094
2	2	2	-2	-1	0.6199
2	2	2	-2	0	0.6346
2	2	2	-2	1	0.6510
2	2	2	-2	2	0.6651
2	2	2	-2	3	0.6750
2	2	2	-1	-3	0.4956
2	2	2	-1	-2	0.5085
2	2	2	-1	-1	0.5312
2	2	2	-1	0	0.5657
2	2	2	-1	1	0.6056
2	2	2	-1	2	0.6392
2	2	2	-1	3	0.6613
2	2	2	0	-3	0.2757
2	2	2	0	-2	0.2887
2	2	2	0	-1	0.3163
2	2	2	0	0	0.3750
2	2	2	0	1	0.4757
2	2	2	0	2	0.5725
2	2	2	0	3	0.6297
2	2	2	1	-3	0.0279
2	2	2	1	-2	0.0290
2	2	2	1	-1	0.0315
2	2	2	1	0	0.0379
2	2	2	1	1	0.0625
2	2	2	1	2	0.2938
2	2	2	1	3	0.5401
2	2	3	-3	-3	0.6836
2	2	3	-3	-2	0.6864

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	2	3	-3	-1	0.6908
2	2	3	-3	0	0.6969
2	2	3	-3	1	0.7036
2	2	3	-3	2	0.7094
2	2	3	-3	3	0.7134
2	2	3	-2	-3	0.6423
2	2	3	-2	-2	0.6484
2	2	3	-2	-1	0.6584
2	2	3	-2	0	0.6720
2	2	3	-2	1	0.6868
2	2	3	-2	2	0.6993
2	2	3	-2	3	0.7079
2	2	3	-1	-3	0.5422
2	2	3	-1	-2	0.5554
2	2	3	-1	-1	0.5781
2	2	3	-1	0	0.6110
2	2	3	-1	1	0.6474
2	2	3	-1	2	0.6770
2	2	3	-1	3	0.6961
2	2	3	0	-3	0.3255
2	2	3	0	-2	0.3409
2	2	3	0	-1	0.3730
2	2	3	0	0	0.4375
2	2	3	0	1	0.5356
2	2	3	0	2	0.6205
2	2	3	0	3	0.6693
2	2	3	1	-3	0.0705
2	2	3	1	-2	0.0734
2	2	3	1	-1	0.0798
2	2	3	1	0	0.0963
2	2	3	1	1	0.1562
2	2	3	1	2	0.4095
2	2	3	1	3	0.5958
2	3	1	-3	-3	0.0357
2	3	1	-3	-2	0.0368
2	3	1	-3	-1	0.0393
2	3	1	-3	0	0.0449
2	3	1	-3	1	0.0602
2	3	1	-3	2	0.1027
2	3	1	-3	3	0.1632
2	3	2	-3	-3	0.5109
2	3	2	-3	-2	0.5154
2	3	2	-3	-1	0.5232
2	3	2	-3	0	0.5346
2	3	2	-3	1	0.5484
2	3	2	-3	2	0.5612
2	3	2	-3	3	0.5706
2	3	2	-2	-3	0.4226
2	3	2	-2	-2	0.4318
2	3	2	-2	-1	0.4483
2	3	2	-2	0	0.4742
2	3	2	-2	1	0.5063

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
2	3	2	-2	2	0.5359
2	3	2	-2	3	0.5568
2	3	2	-1	-3	0.2144
2	3	2	-1	-2	0.2258
2	3	2	-1	-1	0.2500
2	3	2	-1	0	0.3010
2	3	2	-1	1	0.3868
2	3	2	-1	2	0.4715
2	3	2	-1	3	0.5251
2	3	2	0	3	0.2440
2	3	3	-3	-3	0.6318
2	3	3	-3	-2	0.6353
2	3	3	-3	-1	0.6410
2	3	3	-3	0	0.6489
2	3	3	-3	1	0.6578
2	3	3	-3	2	0.6657
2	3	3	-3	3	0.6712
2	3	3	-2	-3	0.5757
2	3	3	-2	-2	0.5833
2	3	3	-2	-1	0.5961
2	3	3	-2	0	0.6141
2	3	3	-2	1	0.6343
2	3	3	-2	2	0.6516
2	3	3	-2	3	0.6635
2	3	3	-1	-3	0.4382
2	3	3	-1	-2	0.4533
2	3	3	-1	-1	0.4808
2	3	3	-1	0	0.5243
2	3	3	-1	1	0.5761
2	3	3	-1	2	0.6192
2	3	3	-1	3	0.6468
2	3	3	0	-3	0.1639
2	3	3	0	-2	0.1734
2	3	3	0	-1	0.1950
2	3	3	0	0	0.2500
2	3	3	0	1	0.3822
2	3	3	0	2	0.5281
2	3	3	0	3	0.6066
2	3	3	1	3	0.2798
3	-3	-3	-3	-3	0.8716
3	-3	-3	-3	-2	0.8718
3	-3	-3	-3	-1	0.8720
3	-3	-3	-3	0	0.8723
3	-3	-3	-3	1	0.8726
3	-3	-3	-3	2	0.8728
3	-3	-3	-3	3	0.8730
3	-3	-3	-2	-3	0.8700
3	-3	-3	-2	-2	0.8703
3	-3	-3	-2	-1	0.8708
3	-3	-3	-2	0	0.8713
3	-3	-3	-2	1	0.8719
3	-3	-3	-2	2	0.8724

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	-3	-2	3	0.8728
3	-3	-3	-1	-3	0.8669
3	-3	-3	-1	-2	0.8674
3	-3	-3	-1	-1	0.8683
3	-3	-3	-1	0	0.8694
3	-3	-3	-1	1	0.8706
3	-3	-3	-1	2	0.8717
3	-3	-3	-1	3	0.8723
3	-3	-3	0	-3	0.8606
3	-3	-3	0	-2	0.8617
3	-3	-3	0	-1	0.8634
3	-3	-3	0	0	0.8657
3	-3	-3	0	1	0.8681
3	-3	-3	0	2	0.8701
3	-3	-3	0	3	0.8715
3	-3	-3	1	-3	0.8491
3	-3	-3	1	-2	0.8510
3	-3	-3	1	-1	0.8541
3	-3	-3	1	0	0.8583
3	-3	-3	1	1	0.8629
3	-3	-3	1	2	0.8669
3	-3	-3	1	3	0.8697
3	-3	-3	2	-3	0.8303
3	-3	-3	2	-2	0.8331
3	-3	-3	2	-1	0.8379
3	-3	-3	2	0	0.8449
3	-3	-3	2	1	0.8531
3	-3	-3	2	2	0.8607
3	-3	-3	2	3	0.8661
3	-3	-3	3	-3	0.8075
3	-3	-3	3	-2	0.8104
3	-3	-3	3	-1	0.8156
3	-3	-3	3	0	0.8242
3	-3	-3	3	1	0.8362
3	-3	-3	3	2	0.8489
3	-3	-3	3	3	0.8591
3	-3	-2	-3	-3	0.8705
3	-3	-2	-3	-2	0.8708
3	-3	-2	-3	-1	0.8712
3	-3	-2	-3	0	0.8717
3	-3	-2	-3	1	0.8722
3	-3	-2	-3	2	0.8727
3	-3	-2	-3	3	0.8730
3	-3	-2	-2	-3	0.8675
3	-3	-2	-2	-2	0.8681
3	-3	-2	-2	-1	0.8689
3	-3	-2	-2	0	0.8700
3	-3	-2	-2	1	0.8711
3	-3	-2	-2	2	0.8720
3	-3	-2	-2	3	0.8726
3	-3	-2	-1	-3	0.8615
3	-3	-2	-1	-2	0.8626

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	-2	-1	-1	0.8643
3	-3	-2	-1	0	0.8664
3	-3	-2	-1	1	0.8687
3	-3	-2	-1	2	0.8705
3	-3	-2	-1	3	0.8718
3	-3	-2	0	-3	0.8491
3	-3	-2	0	-2	0.8513
3	-3	-2	0	-1	0.8547
3	-3	-2	0	0	0.8592
3	-3	-2	0	1	0.8638
3	-3	-2	0	2	0.8676
3	-3	-2	0	3	0.8702
3	-3	-2	1	-3	0.8245
3	-3	-2	1	-2	0.8286
3	-3	-2	1	-1	0.8352
3	-3	-2	1	0	0.8441
3	-3	-2	1	1	0.8537
3	-3	-2	1	2	0.8615
3	-3	-2	1	3	0.8668
3	-3	-2	2	-3	0.7843
3	-3	-2	2	-2	0.7899
3	-3	-2	2	-1	0.7997
3	-3	-2	2	0	0.8147
3	-3	-2	2	1	0.8328
3	-3	-2	2	2	0.8489
3	-3	-2	2	3	0.8600
3	-3	-2	3	-3	0.7408
3	-3	-2	3	-2	0.7454
3	-3	-2	3	-1	0.7543
3	-3	-2	3	0	0.7703
3	-3	-2	3	1	0.7949
3	-3	-2	3	2	0.8232
3	-3	-2	3	3	0.8456
3	-3	-1	-3	-3	0.8688
3	-3	-1	-3	-2	0.8692
3	-3	-1	-3	-1	0.8699
3	-3	-1	-3	0	0.8708
3	-3	-1	-3	1	0.8717
3	-3	-1	-3	2	0.8725
3	-3	-1	-3	3	0.8730
3	-3	-1	-2	-3	0.8636
3	-3	-1	-2	-2	0.8646
3	-3	-1	-2	-1	0.8660
3	-3	-1	-2	0	0.8678
3	-3	-1	-2	1	0.8697
3	-3	-1	-2	2	0.8713
3	-3	-1	-2	3	0.8723
3	-3	-1	-1	-3	0.8527
3	-3	-1	-1	-2	0.8547
3	-3	-1	-1	-1	0.8577
3	-3	-1	-1	0	0.8616
3	-3	-1	-1	1	0.8656

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	-1	-1	2	0.8688
3	-3	-1	-1	3	0.8710
3	-3	-1	0	-3	0.8283
3	-3	-1	0	-2	0.8327
3	-3	-1	0	-1	0.8395
3	-3	-1	0	0	0.8481
3	-3	-1	0	1	0.8568
3	-3	-1	0	2	0.8637
3	-3	-1	0	3	0.8682
3	-3	-1	1	-3	0.7760
3	-3	-1	1	-2	0.7844
3	-3	-1	1	-1	0.7983
3	-3	-1	1	0	0.8173
3	-3	-1	1	1	0.8371
3	-3	-1	1	2	0.8526
3	-3	-1	1	3	0.8623
3	-3	-1	2	-3	0.6958
3	-3	-1	2	-2	0.7050
3	-3	-1	2	-1	0.7223
3	-3	-1	2	0	0.7519
3	-3	-1	2	1	0.7915
3	-3	-1	2	2	0.8271
3	-3	-1	2	3	0.8495
3	-3	-1	3	-3	0.6261
3	-3	-1	3	-2	0.6319
3	-3	-1	3	-1	0.6435
3	-3	-1	3	0	0.6663
3	-3	-1	3	1	0.7082
3	-3	-1	3	2	0.7684
3	-3	-1	3	3	0.8197
3	-3	0	-3	-3	0.8665
3	-3	0	-3	-2	0.8672
3	-3	0	-3	-1	0.8683
3	-3	0	-3	0	0.8697
3	-3	0	-3	1	0.8711
3	-3	0	-3	2	0.8722
3	-3	0	-3	3	0.8730
3	-3	0	-2	-3	0.8584
3	-3	0	-2	-2	0.8599
3	-3	0	-2	-1	0.8622
3	-3	0	-2	0	0.8651
3	-3	0	-2	1	0.8680
3	-3	0	-2	2	0.8704
3	-3	0	-2	3	0.8720
3	-3	0	-1	-3	0.8400
3	-3	0	-1	-2	0.8434
3	-3	0	-1	-1	0.8486
3	-3	0	-1	0	0.8551
3	-3	0	-1	1	0.8615
3	-3	0	-1	2	0.8666
3	-3	0	-1	3	0.8699
3	-3	0	0	-3	0.7947

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	0	0	-2	0.8030
3	-3	0	0	-1	0.8157
3	-3	0	0	0	0.8316
3	-3	0	0	1	0.8469
3	-3	0	0	2	0.8584
3	-3	0	0	3	0.8656
3	-3	0	1	-3	0.6915
3	-3	0	1	-2	0.7061
3	-3	0	1	-1	0.7320
3	-3	0	1	0	0.7701
3	-3	0	1	1	0.8103
3	-3	0	1	2	0.8394
3	-3	0	1	3	0.8562
3	-3	0	2	-3	0.5609
3	-3	0	2	-2	0.5718
3	-3	0	2	-1	0.5938
3	-3	0	2	0	0.6372
3	-3	0	2	1	0.7114
3	-3	0	2	2	0.7889
3	-3	0	2	3	0.8338
3	-3	0	3	-3	0.4709
3	-3	0	3	-2	0.4763
3	-3	0	3	-1	0.4873
3	-3	0	3	0	0.5103
3	-3	0	3	1	0.5592
3	-3	0	3	2	0.6570
3	-3	0	3	3	0.7718
3	-3	1	-3	-3	0.8642
3	-3	1	-3	-2	0.8652
3	-3	1	-3	-1	0.8666
3	-3	1	-3	0	0.8685
3	-3	1	-3	1	0.8704
3	-3	1	-3	2	0.8720
3	-3	1	-3	3	0.8730
3	-3	1	-2	-3	0.8528
3	-3	1	-2	-2	0.8549
3	-3	1	-2	-1	0.8581
3	-3	1	-2	0	0.8622
3	-3	1	-2	1	0.8662
3	-3	1	-2	2	0.8695
3	-3	1	-2	3	0.8717
3	-3	1	-1	-3	0.8251
3	-3	1	-1	-2	0.8304
3	-3	1	-1	-1	0.8382
3	-3	1	-1	0	0.8478
3	-3	1	-1	1	0.8572
3	-3	1	-1	2	0.8643
3	-3	1	-1	3	0.8689
3	-3	1	0	-3	0.7494
3	-3	1	0	-2	0.7632
3	-3	1	0	-1	0.7845
3	-3	1	0	0	0.8110

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	1	0	1	0.8355
3	-3	1	0	2	0.8527
3	-3	1	0	3	0.8629
3	-3	1	1	-3	0.5800
3	-3	1	1	-2	0.5989
3	-3	1	1	-1	0.6358
3	-3	1	1	0	0.6990
3	-3	1	1	1	0.7729
3	-3	1	1	2	0.8234
3	-3	1	1	3	0.8494
3	-3	1	2	-3	0.4110
3	-3	1	2	-2	0.4206
3	-3	1	2	-1	0.4407
3	-3	1	2	0	0.4849
3	-3	1	2	1	0.5825
3	-3	1	2	2	0.7291
3	-3	1	2	3	0.8139
3	-3	1	3	-3	0.3104
3	-3	1	3	-2	0.3143
3	-3	1	3	-1	0.3224
3	-3	1	3	0	0.3398
3	-3	1	3	1	0.3795
3	-3	1	3	2	0.4812
3	-3	1	3	3	0.6892
3	-3	2	-3	-3	0.8623
3	-3	2	-3	-2	0.8635
3	-3	2	-3	-1	0.8653
3	-3	2	-3	0	0.8676
3	-3	2	-3	1	0.8699
3	-3	2	-3	2	0.8718
3	-3	2	-3	3	0.8730
3	-3	2	-2	-3	0.8479
3	-3	2	-2	-2	0.8506
3	-3	2	-2	-1	0.8547
3	-3	2	-2	0	0.8598
3	-3	2	-2	1	0.8648
3	-3	2	-2	2	0.8688
3	-3	2	-2	3	0.8714
3	-3	2	-1	-3	0.8113
3	-3	2	-1	-2	0.8183
3	-3	2	-1	-1	0.8288
3	-3	2	-1	0	0.8415
3	-3	2	-1	1	0.8535
3	-3	2	-1	2	0.8624
3	-3	2	-1	3	0.8680
3	-3	2	0	-3	0.7021
3	-3	2	0	-2	0.7213
3	-3	2	0	-1	0.7521
3	-3	2	0	0	0.7906
3	-3	2	0	1	0.8249
3	-3	2	0	2	0.8477
3	-3	2	0	3	0.8607

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	2	1	-3	0.4752
3	-3	2	1	-2	0.4945
3	-3	2	1	-1	0.5350
3	-3	2	1	0	0.6162
3	-3	2	1	1	0.7303
3	-3	2	1	2	0.8078
3	-3	2	1	3	0.8434
3	-3	2	2	-3	0.2856
3	-3	2	2	-2	0.2928
3	-3	2	2	-1	0.3083
3	-3	2	2	0	0.3439
3	-3	2	2	1	0.4361
3	-3	2	2	2	0.6497
3	-3	2	2	3	0.7935
3	-3	2	3	-3	0.1804
3	-3	2	3	-2	0.1828
3	-3	2	3	-1	0.1877
3	-3	2	3	0	0.1985
3	-3	2	3	1	0.2238
3	-3	2	3	2	0.2967
3	-3	2	3	3	0.5626
3	-3	3	-3	-3	0.8610
3	-3	3	-3	-2	0.8624
3	-3	3	-3	-1	0.8644
3	-3	3	-3	0	0.8669
3	-3	3	-3	1	0.8695
3	-3	3	-3	2	0.8716
3	-3	3	-3	3	0.8730
3	-3	3	-2	-3	0.8445
3	-3	3	-2	-2	0.8477
3	-3	3	-2	-1	0.8523
3	-3	3	-2	0	0.8581
3	-3	3	-2	1	0.8638
3	-3	3	-2	2	0.8683
3	-3	3	-2	3	0.8712
3	-3	3	-1	-3	0.8009
3	-3	3	-1	-2	0.8094
3	-3	3	-1	-1	0.8219
3	-3	3	-1	0	0.8369
3	-3	3	-1	1	0.8509
3	-3	3	-1	2	0.8611
3	-3	3	-1	3	0.8674
3	-3	3	0	-3	0.6639
3	-3	3	0	-2	0.6871
3	-3	3	0	-1	0.7255
3	-3	3	0	0	0.7743
3	-3	3	0	1	0.8169
3	-3	3	0	2	0.8442
3	-3	3	0	3	0.8591
3	-3	3	1	-3	0.3998
3	-3	3	1	-2	0.4178
3	-3	3	1	-1	0.4570

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-3	3	1	0	0.5443
3	-3	3	1	1	0.6919
3	-3	3	1	2	0.7954
3	-3	3	1	3	0.8391
3	-3	3	2	-3	0.2005
3	-3	3	2	-2	0.2058
3	-3	3	2	-1	0.2172
3	-3	3	2	0	0.2438
3	-3	3	2	1	0.3184
3	-3	3	2	2	0.5647
3	-3	3	2	3	0.7767
3	-3	3	3	-3	0.0933
3	-3	3	3	-2	0.0946
3	-3	3	3	-1	0.0972
3	-3	3	3	0	0.1030
3	-3	3	3	1	0.1167
3	-3	3	3	2	0.1580
3	-3	3	3	3	0.3994
3	-2	-3	-3	-3	0.8698
3	-2	-3	-3	-2	0.8699
3	-2	-3	-3	-1	0.8702
3	-2	-3	-3	0	0.8704
3	-2	-3	-3	1	0.8708
3	-2	-3	-3	2	0.8710
3	-2	-3	-3	3	0.8712
3	-2	-3	-2	-3	0.8681
3	-2	-3	-2	-2	0.8684
3	-2	-3	-2	-1	0.8689
3	-2	-3	-2	0	0.8695
3	-2	-3	-2	1	0.8701
3	-2	-3	-2	2	0.8706
3	-2	-3	-2	3	0.8710
3	-2	-3	-1	-3	0.8649
3	-2	-3	-1	-2	0.8654
3	-2	-3	-1	-1	0.8663
3	-2	-3	-1	0	0.8675
3	-2	-3	-1	1	0.8688
3	-2	-3	-1	2	0.8698
3	-2	-3	-1	3	0.8705
3	-2	-3	0	-3	0.8585
3	-2	-3	0	-2	0.8596
3	-2	-3	0	-1	0.8613
3	-2	-3	0	0	0.8636
3	-2	-3	0	1	0.8661
3	-2	-3	0	2	0.8682
3	-2	-3	0	3	0.8696
3	-2	-3	1	-3	0.8466
3	-2	-3	1	-2	0.8486
3	-2	-3	1	-1	0.8518
3	-2	-3	1	0	0.8561
3	-2	-3	1	1	0.8608
3	-2	-3	1	2	0.8649

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-2	-3	1	3	0.8677
3	-2	-3	2	-3	0.8275
3	-2	-3	2	-2	0.8303
3	-2	-3	2	-1	0.8351
3	-2	-3	2	0	0.8423
3	-2	-3	2	1	0.8507
3	-2	-3	2	2	0.8585
3	-2	-3	2	3	0.8641
3	-2	-3	3	-3	0.8043
3	-2	-3	3	-2	0.8072
3	-2	-3	3	-1	0.8124
3	-2	-3	3	0	0.8211
3	-2	-3	3	1	0.8333
3	-2	-3	3	2	0.8464
3	-2	-3	3	3	0.8569
3	-2	-2	-3	-3	0.8688
3	-2	-2	-3	-2	0.8691
3	-2	-2	-3	-1	0.8695
3	-2	-2	-3	0	0.8700
3	-2	-2	-3	1	0.8706
3	-2	-2	-3	2	0.8711
3	-2	-2	-3	3	0.8714
3	-2	-2	-2	-3	0.8658
3	-2	-2	-2	-2	0.8663
3	-2	-2	-2	-1	0.8672
3	-2	-2	-2	0	0.8682
3	-2	-2	-2	1	0.8694
3	-2	-2	-2	2	0.8703
3	-2	-2	-2	3	0.8710
3	-2	-2	-1	-3	0.8596
3	-2	-2	-1	-2	0.8607
3	-2	-2	-1	-1	0.8624
3	-2	-2	-1	0	0.8646
3	-2	-2	-1	1	0.8669
3	-2	-2	-1	2	0.8688
3	-2	-2	-1	3	0.8701
3	-2	-2	0	-3	0.8468
3	-2	-2	0	-2	0.8491
3	-2	-2	0	-1	0.8526
3	-2	-2	0	0	0.8571
3	-2	-2	0	1	0.8619
3	-2	-2	0	2	0.8658
3	-2	-2	0	3	0.8685
3	-2	-2	1	-3	0.8217
3	-2	-2	1	-2	0.8258
3	-2	-2	1	-1	0.8326
3	-2	-2	1	0	0.8417
3	-2	-2	1	1	0.8515
3	-2	-2	1	2	0.8596
3	-2	-2	1	3	0.8650
3	-2	-2	2	-3	0.7807
3	-2	-2	2	-2	0.7863

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-2	-2	2	-1	0.7963
3	-2	-2	2	0	0.8115
3	-2	-2	2	1	0.8300
3	-2	-2	2	2	0.8466
3	-2	-2	2	3	0.8580
3	-2	-2	3	-3	0.7367
3	-2	-2	3	-2	0.7414
3	-2	-2	3	-1	0.7503
3	-2	-2	3	0	0.7663
3	-2	-2	3	1	0.7912
3	-2	-2	3	2	0.8202
3	-2	-2	3	3	0.8432
3	-2	-1	-3	-3	0.8673
3	-2	-1	-3	-2	0.8678
3	-2	-1	-3	-1	0.8685
3	-2	-1	-3	0	0.8694
3	-2	-1	-3	1	0.8703
3	-2	-1	-3	2	0.8711
3	-2	-1	-3	3	0.8717
3	-2	-1	-2	-3	0.8621
3	-2	-1	-2	-2	0.8630
3	-2	-1	-2	-1	0.8645
3	-2	-1	-2	0	0.8664
3	-2	-1	-2	1	0.8683
3	-2	-1	-2	2	0.8699
3	-2	-1	-2	3	0.8710
3	-2	-1	-1	-3	0.8508
3	-2	-1	-1	-2	0.8529
3	-2	-1	-1	-1	0.8560
3	-2	-1	-1	0	0.8600
3	-2	-1	-1	1	0.8641
3	-2	-1	-1	2	0.8674
3	-2	-1	-1	3	0.8696
3	-2	-1	0	-3	0.8260
3	-2	-1	0	-2	0.8304
3	-2	-1	0	-1	0.8373
3	-2	-1	0	0	0.8462
3	-2	-1	0	1	0.8551
3	-2	-1	0	2	0.8621
3	-2	-1	0	3	0.8667
3	-2	-1	1	-3	0.7725
3	-2	-1	1	-2	0.7811
3	-2	-1	1	-1	0.7952
3	-2	-1	1	0	0.8146
3	-2	-1	1	1	0.8349
3	-2	-1	1	2	0.8507
3	-2	-1	1	3	0.8607
3	-2	-1	2	-3	0.6912
3	-2	-1	2	-2	0.7005
3	-2	-1	2	-1	0.7179
3	-2	-1	2	0	0.7477
3	-2	-1	2	1	0.7880

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-2	-1	2	2	0.8246
3	-2	-1	2	3	0.8476
3	-2	-1	3	-3	0.6212
3	-2	-1	3	-2	0.6270
3	-2	-1	3	-1	0.6386
3	-2	-1	3	0	0.6613
3	-2	-1	3	1	0.7033
3	-2	-1	3	2	0.7643
3	-2	-1	3	3	0.8169
3	-2	0	-3	-3	0.8654
3	-2	0	-3	-2	0.8661
3	-2	0	-3	-1	0.8672
3	-2	0	-3	0	0.8686
3	-2	0	-3	1	0.8700
3	-2	0	-3	2	0.8712
3	-2	0	-3	3	0.8720
3	-2	0	-2	-3	0.8571
3	-2	0	-2	-2	0.8587
3	-2	0	-2	-1	0.8610
3	-2	0	-2	0	0.8639
3	-2	0	-2	1	0.8669
3	-2	0	-2	2	0.8693
3	-2	0	-2	3	0.8710
3	-2	0	-1	-3	0.8384
3	-2	0	-1	-2	0.8419
3	-2	0	-1	-1	0.8471
3	-2	0	-1	0	0.8537
3	-2	0	-1	1	0.8603
3	-2	0	-1	2	0.8655
3	-2	0	-1	3	0.8689
3	-2	0	0	-3	0.7923
3	-2	0	0	-2	0.8007
3	-2	0	0	-1	0.8136
3	-2	0	0	0	0.8298
3	-2	0	0	1	0.8454
3	-2	0	0	2	0.8571
3	-2	0	0	3	0.8645
3	-2	0	1	-3	0.6874
3	-2	0	1	-2	0.7022
3	-2	0	1	-1	0.7283
3	-2	0	1	0	0.7670
3	-2	0	1	1	0.8080
3	-2	0	1	2	0.8378
3	-2	0	1	3	0.8549
3	-2	0	2	-3	0.5560
3	-2	0	2	-2	0.5668
3	-2	0	2	-1	0.5888
3	-2	0	2	0	0.6322
3	-2	0	2	1	0.7070
3	-2	0	2	2	0.7861
3	-2	0	2	3	0.8320
3	-2	0	3	-3	0.4659

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-2	0	3	-2	0.4712
3	-2	0	3	-1	0.4822
3	-2	0	3	0	0.5049
3	-2	0	3	1	0.5536
3	-2	0	3	2	0.6516
3	-2	0	3	3	0.7685
3	-2	1	-3	-3	0.8635
3	-2	1	-3	-2	0.8644
3	-2	1	-3	-1	0.8659
3	-2	1	-3	0	0.8678
3	-2	1	-3	1	0.8697
3	-2	1	-3	2	0.8713
3	-2	1	-3	3	0.8723
3	-2	1	-2	-3	0.8519
3	-2	1	-2	-2	0.8540
3	-2	1	-2	-1	0.8573
3	-2	1	-2	0	0.8614
3	-2	1	-2	1	0.8655
3	-2	1	-2	2	0.8688
3	-2	1	-2	3	0.8710
3	-2	1	-1	-3	0.8239
3	-2	1	-1	-2	0.8292
3	-2	1	-1	-1	0.8371
3	-2	1	-1	0	0.8469
3	-2	1	-1	1	0.8563
3	-2	1	-1	2	0.8635
3	-2	1	-1	3	0.8681
3	-2	1	0	-3	0.7472
3	-2	1	0	-2	0.7611
3	-2	1	0	-1	0.7827
3	-2	1	0	0	0.8095
3	-2	1	0	1	0.8343
3	-2	1	0	2	0.8518
3	-2	1	0	3	0.8621
3	-2	1	1	-3	0.5762
3	-2	1	1	-2	0.5952
3	-2	1	1	-1	0.6321
3	-2	1	1	0	0.6958
3	-2	1	1	1	0.7707
3	-2	1	1	2	0.8221
3	-2	1	1	3	0.8484
3	-2	1	2	-3	0.4068
3	-2	1	2	-2	0.4163
3	-2	1	2	-1	0.4363
3	-2	1	2	0	0.4801
3	-2	1	2	1	0.5777
3	-2	1	2	2	0.7260
3	-2	1	2	3	0.8124
3	-2	1	3	-3	0.3062
3	-2	1	3	-2	0.3100
3	-2	1	3	-1	0.3180
3	-2	1	3	0	0.3352

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-2	1	3	1	0.3745
3	-2	1	3	2	0.4754
3	-2	1	3	3	0.6851
3	-2	2	-3	-3	0.8619
3	-2	2	-3	-2	0.8630
3	-2	2	-3	-1	0.8648
3	-2	2	-3	0	0.8671
3	-2	2	-3	1	0.8694
3	-2	2	-3	2	0.8713
3	-2	2	-3	3	0.8726
3	-2	2	-2	-3	0.8474
3	-2	2	-2	-2	0.8501
3	-2	2	-2	-1	0.8542
3	-2	2	-2	0	0.8593
3	-2	2	-2	1	0.8643
3	-2	2	-2	2	0.8683
3	-2	2	-2	3	0.8710
3	-2	2	-1	-3	0.8104
3	-2	2	-1	-2	0.8175
3	-2	2	-1	-1	0.8281
3	-2	2	-1	0	0.8409
3	-2	2	-1	1	0.8529
3	-2	2	-1	2	0.8619
3	-2	2	-1	3	0.8676
3	-2	2	0	-3	0.7003
3	-2	2	0	-2	0.7197
3	-2	2	0	-1	0.7507
3	-2	2	0	0	0.7895
3	-2	2	0	1	0.8241
3	-2	2	0	2	0.8471
3	-2	2	0	3	0.8602
3	-2	2	1	-3	0.4725
3	-2	2	1	-2	0.4917
3	-2	2	1	-1	0.5320
3	-2	2	1	0	0.6134
3	-2	2	1	1	0.7285
3	-2	2	1	2	0.8068
3	-2	2	1	3	0.8428
3	-2	2	2	-3	0.2826
3	-2	2	2	-2	0.2898
3	-2	2	2	-1	0.3052
3	-2	2	2	0	0.3404
3	-2	2	2	1	0.4320
3	-2	2	2	2	0.6466
3	-2	2	2	3	0.7924
3	-2	2	3	-3	0.1774
3	-2	2	3	-2	0.1798
3	-2	2	3	-1	0.1847
3	-2	2	3	0	0.1952
3	-2	2	3	1	0.2202
3	-2	2	3	2	0.2921
3	-2	2	3	3	0.5577

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-2	3	-3	-3	0.8608
3	-2	3	-3	-2	0.8621
3	-2	3	-3	-1	0.8641
3	-2	3	-3	0	0.8667
3	-2	3	-3	1	0.8693
3	-2	3	-3	2	0.8714
3	-2	3	-3	3	0.8728
3	-2	3	-2	-3	0.8442
3	-2	3	-2	-2	0.8473
3	-2	3	-2	-1	0.8520
3	-2	3	-2	0	0.8578
3	-2	3	-2	1	0.8635
3	-2	3	-2	2	0.8680
3	-2	3	-2	3	0.8710
3	-2	3	-1	-3	0.8004
3	-2	3	-1	-2	0.8089
3	-2	3	-1	-1	0.8215
3	-2	3	-1	0	0.8366
3	-2	3	-1	1	0.8506
3	-2	3	-1	2	0.8608
3	-2	3	-1	3	0.8672
3	-2	3	0	-3	0.6627
3	-2	3	0	-2	0.6860
3	-2	3	0	-1	0.7245
3	-2	3	0	0	0.7736
3	-2	3	0	1	0.8164
3	-2	3	0	2	0.8438
3	-2	3	0	3	0.8588
3	-2	3	1	-3	0.3981
3	-2	3	1	-2	0.4160
3	-2	3	1	-1	0.4551
3	-2	3	1	0	0.5424
3	-2	3	1	1	0.6905
3	-2	3	1	2	0.7948
3	-2	3	1	3	0.8388
3	-2	3	2	-3	0.1987
3	-2	3	2	-2	0.2039
3	-2	3	2	-1	0.2152
3	-2	3	2	0	0.2416
3	-2	3	2	1	0.3157
3	-2	3	2	2	0.5620
3	-2	3	2	3	0.7759
3	-2	3	3	-3	0.0916
3	-2	3	3	-2	0.0928
3	-2	3	3	-1	0.0954
3	-2	3	3	0	0.1010
3	-2	3	3	1	0.1144
3	-2	3	3	2	0.1550
3	-2	3	3	3	0.3944
3	-1	-3	-3	-3	0.8659
3	-1	-3	-3	-2	0.8660
3	-1	-3	-3	-1	0.8663

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	-3	-3	0	0.8666
3	-1	-3	-3	1	0.8669
3	-1	-3	-3	2	0.8672
3	-1	-3	-3	3	0.8674
3	-1	-3	-2	-3	0.8641
3	-1	-3	-2	-2	0.8645
3	-1	-3	-2	-1	0.8649
3	-1	-3	-2	0	0.8656
3	-1	-3	-2	1	0.8662
3	-1	-3	-2	2	0.8668
3	-1	-3	-2	3	0.8672
3	-1	-3	-1	-3	0.8607
3	-1	-3	-1	-2	0.8613
3	-1	-3	-1	-1	0.8622
3	-1	-3	-1	0	0.8635
3	-1	-3	-1	1	0.8648
3	-1	-3	-1	2	0.8659
3	-1	-3	-1	3	0.8667
3	-1	-3	0	-3	0.8539
3	-1	-3	0	-2	0.8551
3	-1	-3	0	-1	0.8569
3	-1	-3	0	0	0.8594
3	-1	-3	0	1	0.8620
3	-1	-3	0	2	0.8642
3	-1	-3	0	3	0.8657
3	-1	-3	1	-3	0.8414
3	-1	-3	1	-2	0.8435
3	-1	-3	1	-1	0.8468
3	-1	-3	1	0	0.8514
3	-1	-3	1	1	0.8564
3	-1	-3	1	2	0.8607
3	-1	-3	1	3	0.8637
3	-1	-3	2	-3	0.8214
3	-1	-3	2	-2	0.8243
3	-1	-3	2	-1	0.8294
3	-1	-3	2	0	0.8368
3	-1	-3	2	1	0.8457
3	-1	-3	2	2	0.8539
3	-1	-3	2	3	0.8598
3	-1	-3	3	-3	0.7976
3	-1	-3	3	-2	0.8005
3	-1	-3	3	-1	0.8058
3	-1	-3	3	0	0.8148
3	-1	-3	3	1	0.8274
3	-1	-3	3	2	0.8411
3	-1	-3	3	3	0.8522
3	-1	-2	-3	-3	0.8653
3	-1	-2	-3	-2	0.8656
3	-1	-2	-3	-1	0.8660
3	-1	-2	-3	0	0.8666
3	-1	-2	-3	1	0.8672
3	-1	-2	-3	2	0.8676

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	-2	-3	3	0.8680
3	-1	-2	-2	-3	0.8621
3	-1	-2	-2	-2	0.8626
3	-1	-2	-2	-1	0.8635
3	-1	-2	-2	0	0.8647
3	-1	-2	-2	1	0.8659
3	-1	-2	-2	2	0.8669
3	-1	-2	-2	3	0.8675
3	-1	-2	-1	-3	0.8555
3	-1	-2	-1	-2	0.8567
3	-1	-2	-1	-1	0.8585
3	-1	-2	-1	0	0.8608
3	-1	-2	-1	1	0.8633
3	-1	-2	-1	2	0.8653
3	-1	-2	-1	3	0.8667
3	-1	-2	0	-3	0.8421
3	-1	-2	0	-2	0.8445
3	-1	-2	0	-1	0.8481
3	-1	-2	0	0	0.8529
3	-1	-2	0	1	0.8580
3	-1	-2	0	2	0.8621
3	-1	-2	0	3	0.8649
3	-1	-2	1	-3	0.8156
3	-1	-2	1	-2	0.8200
3	-1	-2	1	-1	0.8270
3	-1	-2	1	0	0.8366
3	-1	-2	1	1	0.8469
3	-1	-2	1	2	0.8555
3	-1	-2	1	3	0.8613
3	-1	-2	2	-3	0.7731
3	-1	-2	2	-2	0.7789
3	-1	-2	2	-1	0.7891
3	-1	-2	2	0	0.8049
3	-1	-2	2	1	0.8243
3	-1	-2	2	2	0.8418
3	-1	-2	2	3	0.8538
3	-1	-2	3	-3	0.7282
3	-1	-2	3	-2	0.7329
3	-1	-2	3	-1	0.7419
3	-1	-2	3	0	0.7581
3	-1	-2	3	1	0.7836
3	-1	-2	3	2	0.8138
3	-1	-2	3	3	0.8381
3	-1	-1	-3	-3	0.8643
3	-1	-1	-3	-2	0.8648
3	-1	-1	-3	-1	0.8655
3	-1	-1	-3	0	0.8665
3	-1	-1	-3	1	0.8675
3	-1	-1	-3	2	0.8683
3	-1	-1	-3	3	0.8688
3	-1	-1	-2	-3	0.8588
3	-1	-1	-2	-2	0.8598

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	-1	-2	-1	0.8613
3	-1	-1	-2	0	0.8633
3	-1	-1	-2	1	0.8653
3	-1	-1	-2	2	0.8670
3	-1	-1	-2	3	0.8681
3	-1	-1	-1	-3	0.8471
3	-1	-1	-1	-2	0.8492
3	-1	-1	-1	-1	0.8525
3	-1	-1	-1	0	0.8566
3	-1	-1	-1	1	0.8609
3	-1	-1	-1	2	0.8644
3	-1	-1	-1	3	0.8667
3	-1	-1	0	-3	0.8210
3	-1	-1	0	-2	0.8256
3	-1	-1	0	-1	0.8329
3	-1	-1	0	0	0.8421
3	-1	-1	0	1	0.8514
3	-1	-1	0	2	0.8588
3	-1	-1	0	3	0.8637
3	-1	-1	1	-3	0.7652
3	-1	-1	1	-2	0.7740
3	-1	-1	1	-1	0.7886
3	-1	-1	1	0	0.8089
3	-1	-1	1	1	0.8302
3	-1	-1	1	2	0.8469
3	-1	-1	1	3	0.8574
3	-1	-1	2	-3	0.6818
3	-1	-1	2	-2	0.6911
3	-1	-1	2	-1	0.7087
3	-1	-1	2	0	0.7391
3	-1	-1	2	1	0.7809
3	-1	-1	2	2	0.8193
3	-1	-1	2	3	0.8436
3	-1	-1	3	-3	0.6112
3	-1	-1	3	-2	0.6169
3	-1	-1	3	-1	0.6284
3	-1	-1	3	0	0.6510
3	-1	-1	3	1	0.6932
3	-1	-1	3	2	0.7559
3	-1	-1	3	3	0.8112
3	-1	0	-3	-3	0.8631
3	-1	0	-3	-2	0.8638
3	-1	0	-3	-1	0.8650
3	-1	0	-3	0	0.8664
3	-1	0	-3	1	0.8679
3	-1	0	-3	2	0.8691
3	-1	0	-3	3	0.8699
3	-1	0	-2	-3	0.8546
3	-1	0	-2	-2	0.8561
3	-1	0	-2	-1	0.8585
3	-1	0	-2	0	0.8615
3	-1	0	-2	1	0.8646

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log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	0	-2	2	0.8672
3	-1	0	-2	3	0.8688
3	-1	0	-1	-3	0.8351
3	-1	0	-1	-2	0.8387
3	-1	0	-1	-1	0.8442
3	-1	0	-1	0	0.8510
3	-1	0	-1	1	0.8578
3	-1	0	-1	2	0.8632
3	-1	0	-1	3	0.8667
3	-1	0	0	-3	0.7872
3	-1	0	0	-2	0.7959
3	-1	0	0	-1	0.8093
3	-1	0	0	0	0.8261
3	-1	0	0	1	0.8423
3	-1	0	0	2	0.8545
3	-1	0	0	3	0.8621
3	-1	0	1	-3	0.6791
3	-1	0	1	-2	0.6941
3	-1	0	1	-1	0.7207
3	-1	0	1	0	0.7606
3	-1	0	1	1	0.8033
3	-1	0	1	2	0.8343
3	-1	0	1	3	0.8522
3	-1	0	2	-3	0.5460
3	-1	0	2	-2	0.5567
3	-1	0	2	-1	0.5785
3	-1	0	2	0	0.6219
3	-1	0	2	1	0.6979
3	-1	0	2	2	0.7802
3	-1	0	2	3	0.8283
3	-1	0	3	-3	0.4556
3	-1	0	3	-2	0.4609
3	-1	0	3	-1	0.4716
3	-1	0	3	0	0.4940
3	-1	0	3	1	0.5419
3	-1	0	3	2	0.6403
3	-1	0	3	3	0.7616
3	-1	1	-3	-3	0.8619
3	-1	1	-3	-2	0.8629
3	-1	1	-3	-1	0.8644
3	-1	1	-3	0	0.8663
3	-1	1	-3	1	0.8683
3	-1	1	-3	2	0.8699
3	-1	1	-3	3	0.8710
3	-1	1	-2	-3	0.8500
3	-1	1	-2	-2	0.8522
3	-1	1	-2	-1	0.8555
3	-1	1	-2	0	0.8597
3	-1	1	-2	1	0.8640
3	-1	1	-2	2	0.8673
3	-1	1	-2	3	0.8696
3	-1	1	-1	-3	0.8213

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	1	-1	-2	0.8267
3	-1	1	-1	-1	0.8349
3	-1	1	-1	0	0.8449
3	-1	1	-1	1	0.8545
3	-1	1	-1	2	0.8619
3	-1	1	-1	3	0.8667
3	-1	1	0	-3	0.7425
3	-1	1	0	-2	0.7567
3	-1	1	0	-1	0.7789
3	-1	1	0	0	0.8065
3	-1	1	0	1	0.8319
3	-1	1	0	2	0.8499
3	-1	1	0	3	0.8605
3	-1	1	1	-3	0.5686
3	-1	1	1	-2	0.5875
3	-1	1	1	-1	0.6245
3	-1	1	1	0	0.6892
3	-1	1	1	1	0.7662
3	-1	1	1	2	0.8193
3	-1	1	1	3	0.8465
3	-1	1	2	-3	0.3983
3	-1	1	2	-2	0.4076
3	-1	1	2	-1	0.4273
3	-1	1	2	0	0.4705
3	-1	1	2	1	0.5677
3	-1	1	2	2	0.7196
3	-1	1	2	3	0.8093
3	-1	1	3	-3	0.2976
3	-1	1	3	-2	0.3013
3	-1	1	3	-1	0.3091
3	-1	1	3	0	0.3258
3	-1	1	3	1	0.3642
3	-1	1	3	2	0.4633
3	-1	1	3	3	0.6766
3	-1	2	-3	-3	0.8609
3	-1	2	-3	-2	0.8621
3	-1	2	-3	-1	0.8639
3	-1	2	-3	0	0.8662
3	-1	2	-3	1	0.8686
3	-1	2	-3	2	0.8705
3	-1	2	-3	3	0.8718
3	-1	2	-2	-3	0.8462
3	-1	2	-2	-2	0.8489
3	-1	2	-2	-1	0.8531
3	-1	2	-2	0	0.8583
3	-1	2	-2	1	0.8634
3	-1	2	-2	2	0.8675
3	-1	2	-2	3	0.8701
3	-1	2	-1	-3	0.8087
3	-1	2	-1	-2	0.8159
3	-1	2	-1	-1	0.8266
3	-1	2	-1	0	0.8396

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	2	-1	1	0.8518
3	-1	2	-1	2	0.8609
3	-1	2	-1	3	0.8667
3	-1	2	0	-3	0.6967
3	-1	2	0	-2	0.7163
3	-1	2	0	-1	0.7477
3	-1	2	0	0	0.7872
3	-1	2	0	1	0.8225
3	-1	2	0	2	0.8459
3	-1	2	0	3	0.8592
3	-1	2	1	-3	0.4668
3	-1	2	1	-2	0.4860
3	-1	2	1	-1	0.5261
3	-1	2	1	0	0.6077
3	-1	2	1	1	0.7248
3	-1	2	1	2	0.8048
3	-1	2	1	3	0.8415
3	-1	2	2	-3	0.2767
3	-1	2	2	-2	0.2837
3	-1	2	2	-1	0.2988
3	-1	2	2	0	0.3333
3	-1	2	2	1	0.4237
3	-1	2	2	2	0.6403
3	-1	2	2	3	0.7900
3	-1	2	3	-3	0.1715
3	-1	2	3	-2	0.1737
3	-1	2	3	-1	0.1785
3	-1	2	3	0	0.1887
3	-1	2	3	1	0.2128
3	-1	2	3	2	0.2826
3	-1	2	3	3	0.5477
3	-1	3	-3	-3	0.8602
3	-1	3	-3	-2	0.8616
3	-1	3	-3	-1	0.8636
3	-1	3	-3	0	0.8662
3	-1	3	-3	1	0.8688
3	-1	3	-3	2	0.8709
3	-1	3	-3	3	0.8723
3	-1	3	-2	-3	0.8435
3	-1	3	-2	-2	0.8467
3	-1	3	-2	-1	0.8514
3	-1	3	-2	0	0.8573
3	-1	3	-2	1	0.8630
3	-1	3	-2	2	0.8675
3	-1	3	-2	3	0.8705
3	-1	3	-1	-3	0.7993
3	-1	3	-1	-2	0.8079
3	-1	3	-1	-1	0.8206
3	-1	3	-1	0	0.8358
3	-1	3	-1	1	0.8499
3	-1	3	-1	2	0.8603
3	-1	3	-1	3	0.8667

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	-1	3	0	-3	0.6604
3	-1	3	0	-2	0.6838
3	-1	3	0	-1	0.7226
3	-1	3	0	0	0.7722
3	-1	3	0	1	0.8155
3	-1	3	0	2	0.8431
3	-1	3	0	3	0.8583
3	-1	3	1	-3	0.3946
3	-1	3	1	-2	0.4124
3	-1	3	1	-1	0.4513
3	-1	3	1	0	0.5385
3	-1	3	1	1	0.6879
3	-1	3	1	2	0.7936
3	-1	3	1	3	0.8380
3	-1	3	2	-3	0.1951
3	-1	3	2	-2	0.2002
3	-1	3	2	-1	0.2113
3	-1	3	2	0	0.2373
3	-1	3	2	1	0.3102
3	-1	3	2	2	0.5567
3	-1	3	2	3	0.7744
3	-1	3	3	-3	0.0880
3	-1	3	3	-2	0.0891
3	-1	3	3	-1	0.0916
3	-1	3	3	0	0.0970
3	-1	3	3	1	0.1099
3	-1	3	3	2	0.1490
3	-1	3	3	3	0.3840
3	0	-3	-3	-3	0.8574
3	0	-3	-3	-2	0.8576
3	0	-3	-3	-1	0.8578
3	0	-3	-3	0	0.8582
3	0	-3	-3	1	0.8586
3	0	-3	-3	2	0.8589
3	0	-3	-3	3	0.8591
3	0	-3	-2	-3	0.8554
3	0	-3	-2	-2	0.8558
3	0	-3	-2	-1	0.8563
3	0	-3	-2	0	0.8570
3	0	-3	-2	1	0.8578
3	0	-3	-2	2	0.8584
3	0	-3	-2	3	0.8588
3	0	-3	-1	-3	0.8515
3	0	-3	-1	-2	0.8522
3	0	-3	-1	-1	0.8533
3	0	-3	-1	0	0.8547
3	0	-3	-1	1	0.8561
3	0	-3	-1	2	0.8574
3	0	-3	-1	3	0.8583
3	0	-3	0	-3	0.8439
3	0	-3	0	-2	0.8452
3	0	-3	0	-1	0.8473

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	-3	0	0	0.8500
3	0	-3	0	1	0.8529
3	0	-3	0	2	0.8554
3	0	-3	0	3	0.8571
3	0	-3	1	-3	0.8299
3	0	-3	1	-2	0.8322
3	0	-3	1	-1	0.8359
3	0	-3	1	0	0.8410
3	0	-3	1	1	0.8466
3	0	-3	1	2	0.8515
3	0	-3	1	3	0.8549
3	0	-3	2	-3	0.8080
3	0	-3	2	-2	0.8112
3	0	-3	2	-1	0.8166
3	0	-3	2	0	0.8247
3	0	-3	2	1	0.8345
3	0	-3	2	2	0.8438
3	0	-3	2	3	0.8505
3	0	-3	3	-3	0.7828
3	0	-3	3	-2	0.7858
3	0	-3	3	-1	0.7913
3	0	-3	3	0	0.8007
3	0	-3	3	1	0.8142
3	0	-3	3	2	0.8293
3	0	-3	3	3	0.8418
3	0	-2	-3	-3	0.8576
3	0	-2	-3	-2	0.8579
3	0	-2	-3	-1	0.8584
3	0	-2	-3	0	0.8590
3	0	-2	-3	1	0.8597
3	0	-2	-3	2	0.8602
3	0	-2	-3	3	0.8606
3	0	-2	-2	-3	0.8540
3	0	-2	-2	-2	0.8547
3	0	-2	-2	-1	0.8556
3	0	-2	-2	0	0.8569
3	0	-2	-2	1	0.8582
3	0	-2	-2	2	0.8594
3	0	-2	-2	3	0.8601
3	0	-2	-1	-3	0.8467
3	0	-2	-1	-2	0.8480
3	0	-2	-1	-1	0.8500
3	0	-2	-1	0	0.8526
3	0	-2	-1	1	0.8553
3	0	-2	-1	2	0.8576
3	0	-2	-1	3	0.8591
3	0	-2	0	-3	0.8317
3	0	-2	0	-2	0.8343
3	0	-2	0	-1	0.8384
3	0	-2	0	0	0.8438
3	0	-2	0	1	0.8494
3	0	-2	0	2	0.8540

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	-2	0	3	0.8571
3	0	-2	1	-3	0.8024
3	0	-2	1	-2	0.8071
3	0	-2	1	-1	0.8148
3	0	-2	1	0	0.8254
3	0	-2	1	1	0.8370
3	0	-2	1	2	0.8466
3	0	-2	1	3	0.8531
3	0	-2	2	-3	0.7565
3	0	-2	2	-2	0.7625
3	0	-2	2	-1	0.7732
3	0	-2	2	0	0.7902
3	0	-2	2	1	0.8115
3	0	-2	2	2	0.8311
3	0	-2	2	3	0.8446
3	0	-2	3	-3	0.7098
3	0	-2	3	-2	0.7145
3	0	-2	3	-1	0.7236
3	0	-2	3	0	0.7401
3	0	-2	3	1	0.7669
3	0	-2	3	2	0.7997
3	0	-2	3	3	0.8269
3	0	-1	-3	-3	0.8579
3	0	-1	-3	-2	0.8584
3	0	-1	-3	-1	0.8592
3	0	-1	-3	0	0.8603
3	0	-1	-3	1	0.8613
3	0	-1	-3	2	0.8622
3	0	-1	-3	3	0.8628
3	0	-1	-2	-3	0.8519
3	0	-1	-2	-2	0.8529
3	0	-1	-2	-1	0.8546
3	0	-1	-2	0	0.8568
3	0	-1	-2	1	0.8590
3	0	-1	-2	2	0.8608
3	0	-1	-2	3	0.8621
3	0	-1	-1	-3	0.8389
3	0	-1	-1	-2	0.8413
3	0	-1	-1	-1	0.8448
3	0	-1	-1	0	0.8494
3	0	-1	-1	1	0.8541
3	0	-1	-1	2	0.8579
3	0	-1	-1	3	0.8604
3	0	-1	0	-3	0.8102
3	0	-1	0	-2	0.8153
3	0	-1	0	-1	0.8232
3	0	-1	0	0	0.8333
3	0	-1	0	1	0.8436
3	0	-1	0	2	0.8518
3	0	-1	0	3	0.8571
3	0	-1	1	-3	0.7493
3	0	-1	1	-2	0.7587

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	-1	1	-1	0.7744
3	0	-1	1	0	0.7965
3	0	-1	1	1	0.8200
3	0	-1	1	2	0.8385
3	0	-1	1	3	0.8502
3	0	-1	2	-3	0.6616
3	0	-1	2	-2	0.6710
3	0	-1	2	-1	0.6888
3	0	-1	2	0	0.7204
3	0	-1	2	1	0.7652
3	0	-1	2	2	0.8077
3	0	-1	2	3	0.8348
3	0	-1	3	-3	0.5896
3	0	-1	3	-2	0.5952
3	0	-1	3	-1	0.6065
3	0	-1	3	0	0.6288
3	0	-1	3	1	0.6713
3	0	-1	3	2	0.7374
3	0	-1	3	3	0.7985
3	0	0	-3	-3	0.8583
3	0	0	-3	-2	0.8590
3	0	0	-3	-1	0.8602
3	0	0	-3	0	0.8618
3	0	0	-3	1	0.8633
3	0	0	-3	2	0.8647
3	0	0	-3	3	0.8655
3	0	0	-2	-3	0.8491
3	0	0	-2	-2	0.8507
3	0	0	-2	-1	0.8533
3	0	0	-2	0	0.8566
3	0	0	-2	1	0.8599
3	0	0	-2	2	0.8626
3	0	0	-2	3	0.8644
3	0	0	-1	-3	0.8281
3	0	0	-1	-2	0.8320
3	0	0	-1	-1	0.8378
3	0	0	-1	0	0.8452
3	0	0	-1	1	0.8525
3	0	0	-1	2	0.8583
3	0	0	-1	3	0.8620
3	0	0	0	-3	0.7764
3	0	0	0	-2	0.7856
3	0	0	0	-1	0.8000
3	0	0	0	0	0.8182
3	0	0	0	1	0.8358
3	0	0	0	2	0.8489
3	0	0	0	3	0.8571
3	0	0	1	-3	0.6615
3	0	0	1	-2	0.6768
3	0	0	1	-1	0.7044
3	0	0	1	0	0.7468
3	0	0	1	1	0.7931

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	0	1	2	0.8270
3	0	0	1	3	0.8464
3	0	0	2	-3	0.5250
3	0	0	2	-2	0.5354
3	0	0	2	-1	0.5568
3	0	0	2	0	0.6000
3	0	0	2	1	0.6783
3	0	0	2	2	0.7674
3	0	0	2	3	0.8204
3	0	0	3	-3	0.4341
3	0	0	3	-2	0.4391
3	0	0	3	-1	0.4494
3	0	0	3	0	0.4709
3	0	0	3	1	0.5174
3	0	0	3	2	0.6160
3	0	0	3	3	0.7465
3	0	1	-3	-3	0.8586
3	0	1	-3	-2	0.8597
3	0	1	-3	-1	0.8612
3	0	1	-3	0	0.8632
3	0	1	-3	1	0.8653
3	0	1	-3	2	0.8670
3	0	1	-3	3	0.8681
3	0	1	-2	-3	0.8462
3	0	1	-2	-2	0.8485
3	0	1	-2	-1	0.8520
3	0	1	-2	0	0.8564
3	0	1	-2	1	0.8608
3	0	1	-2	2	0.8643
3	0	1	-2	3	0.8667
3	0	1	-1	-3	0.8160
3	0	1	-1	-2	0.8216
3	0	1	-1	-1	0.8302
3	0	1	-1	0	0.8407
3	0	1	-1	1	0.8509
3	0	1	-1	2	0.8587
3	0	1	-1	3	0.8636
3	0	1	0	-3	0.7327
3	0	1	0	-2	0.7476
3	0	1	0	-1	0.7708
3	0	1	0	0	0.8000
3	0	1	0	1	0.8270
3	0	1	0	2	0.8459
3	0	1	0	3	0.8571
3	0	1	1	-3	0.5526
3	0	1	1	-2	0.5714
3	0	1	1	-1	0.6087
3	0	1	1	0	0.6752
3	0	1	1	1	0.7568
3	0	1	1	2	0.8135
3	0	1	1	3	0.8423
3	0	1	2	-3	0.3807

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	1	2	-2	0.3896
3	0	1	2	-1	0.4086
3	0	1	2	0	0.4505
3	0	1	2	1	0.5467
3	0	1	2	2	0.7059
3	0	1	2	3	0.8027
3	0	1	3	-3	0.2799
3	0	1	3	-2	0.2834
3	0	1	3	-1	0.2908
3	0	1	3	0	0.3065
3	0	1	3	1	0.3428
3	0	1	3	2	0.4381
3	0	1	3	3	0.6582
3	0	2	-3	-3	0.8589
3	0	2	-3	-2	0.8602
3	0	2	-3	-1	0.8620
3	0	2	-3	0	0.8644
3	0	2	-3	1	0.8668
3	0	2	-3	2	0.8688
3	0	2	-3	3	0.8701
3	0	2	-2	-3	0.8438
3	0	2	-2	-2	0.8466
3	0	2	-2	-1	0.8509
3	0	2	-2	0	0.8562
3	0	2	-2	1	0.8615
3	0	2	-2	2	0.8657
3	0	2	-2	3	0.8684
3	0	2	-1	-3	0.8050
3	0	2	-1	-2	0.8125
3	0	2	-1	-1	0.8235
3	0	2	-1	0	0.8369
3	0	2	-1	1	0.8495
3	0	2	-1	2	0.8590
3	0	2	-1	3	0.8649
3	0	2	0	-3	0.6893
3	0	2	0	-2	0.7093
3	0	2	0	-1	0.7417
3	0	2	0	0	0.7826
3	0	2	0	1	0.8192
3	0	2	0	2	0.8434
3	0	2	0	3	0.8571
3	0	2	1	-3	0.4553
3	0	2	1	-2	0.4742
3	0	2	1	-1	0.5140
3	0	2	1	0	0.5960
3	0	2	1	1	0.7170
3	0	2	1	2	0.8007
3	0	2	1	3	0.8389
3	0	2	2	-3	0.2645
3	0	2	2	-2	0.2713
3	0	2	2	-1	0.2857
3	0	2	2	0	0.3189

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	2	2	1	0.4067
3	0	2	2	2	0.6269
3	0	2	2	3	0.7852
3	0	2	3	-3	0.1593
3	0	2	3	-2	0.1614
3	0	2	3	-1	0.1658
3	0	2	3	0	0.1754
3	0	2	3	1	0.1979
3	0	2	3	2	0.2633
3	0	2	3	3	0.5263
3	0	3	-3	-3	0.8591
3	0	3	-3	-2	0.8605
3	0	3	-3	-1	0.8625
3	0	3	-3	0	0.8652
3	0	3	-3	1	0.8678
3	0	3	-3	2	0.8700
3	0	3	-3	3	0.8714
3	0	3	-2	-3	0.8422
3	0	3	-2	-2	0.8454
3	0	3	-2	-1	0.8502
3	0	3	-2	0	0.8561
3	0	3	-2	1	0.8620
3	0	3	-2	2	0.8666
3	0	3	-2	3	0.8696
3	0	3	-1	-3	0.7971
3	0	3	-1	-2	0.8059
3	0	3	-1	-1	0.8188
3	0	3	-1	0	0.8343
3	0	3	-1	1	0.8486
3	0	3	-1	2	0.8592
3	0	3	-1	3	0.8657
3	0	3	0	-3	0.6556
3	0	3	0	-2	0.6793
3	0	3	0	-1	0.7187
3	0	3	0	0	0.7692
3	0	3	0	1	0.8135
3	0	3	0	2	0.8417
3	0	3	0	3	0.8571
3	0	3	1	-3	0.3876
3	0	3	1	-2	0.4051
3	0	3	1	-1	0.4436
3	0	3	1	0	0.5305
3	0	3	1	1	0.6824
3	0	3	1	2	0.7910
3	0	3	1	3	0.8365
3	0	3	2	-3	0.1878
3	0	3	2	-2	0.1927
3	0	3	2	-1	0.2034
3	0	3	2	0	0.2285
3	0	3	2	1	0.2991
3	0	3	2	2	0.5455
3	0	3	2	3	0.7712

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	0	3	3	-3	0.0807
3	0	3	3	-2	0.0818
3	0	3	3	-1	0.0841
3	0	3	3	0	0.0890
3	0	3	3	1	0.1009
3	0	3	3	2	0.1368
3	0	3	3	3	0.3622
3	1	-3	-3	-3	0.8367
3	1	-3	-3	-2	0.8369
3	1	-3	-3	-1	0.8373
3	1	-3	-3	0	0.8377
3	1	-3	-3	1	0.8382
3	1	-3	-3	2	0.8386
3	1	-3	-3	3	0.8389
3	1	-3	-2	-3	0.8341
3	1	-3	-2	-2	0.8346
3	1	-3	-2	-1	0.8353
3	1	-3	-2	0	0.8362
3	1	-3	-2	1	0.8371
3	1	-3	-2	2	0.8380
3	1	-3	-2	3	0.8385
3	1	-3	-1	-3	0.8290
3	1	-3	-1	-2	0.8299
3	1	-3	-1	-1	0.8312
3	1	-3	-1	0	0.8331
3	1	-3	-1	1	0.8350
3	1	-3	-1	2	0.8367
3	1	-3	-1	3	0.8378
3	1	-3	0	-3	0.8192
3	1	-3	0	-2	0.8208
3	1	-3	0	-1	0.8234
3	1	-3	0	0	0.8269
3	1	-3	0	1	0.8307
3	1	-3	0	2	0.8340
3	1	-3	0	3	0.8363
3	1	-3	1	-3	0.8014
3	1	-3	1	-2	0.8042
3	1	-3	1	-1	0.8087
3	1	-3	1	0	0.8151
3	1	-3	1	1	0.8224
3	1	-3	1	2	0.8288
3	1	-3	1	3	0.8333
3	1	-3	2	-3	0.7749
3	1	-3	2	-2	0.7784
3	1	-3	2	-1	0.7847
3	1	-3	2	0	0.7944
3	1	-3	2	1	0.8067
3	1	-3	2	2	0.8185
3	1	-3	2	3	0.8274
3	1	-3	3	-3	0.7465
3	1	-3	3	-2	0.7496
3	1	-3	3	-1	0.7555

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	1	-3	3	0	0.7657
3	1	-3	3	1	0.7813
3	1	-3	3	2	0.7999
3	1	-3	3	3	0.8159
3	1	-2	-3	-3	0.8393
3	1	-2	-3	-2	0.8397
3	1	-2	-3	-1	0.8403
3	1	-2	-3	0	0.8411
3	1	-2	-3	1	0.8419
3	1	-2	-3	2	0.8426
3	1	-2	-3	3	0.8431
3	1	-2	-2	-3	0.8347
3	1	-2	-2	-2	0.8355
3	1	-2	-2	-1	0.8368
3	1	-2	-2	0	0.8384
3	1	-2	-2	1	0.8401
3	1	-2	-2	2	0.8415
3	1	-2	-2	3	0.8425
3	1	-2	-1	-3	0.8254
3	1	-2	-1	-2	0.8270
3	1	-2	-1	-1	0.8295
3	1	-2	-1	0	0.8328
3	1	-2	-1	1	0.8363
3	1	-2	-1	2	0.8392
3	1	-2	-1	3	0.8412
3	1	-2	0	-3	0.8063
3	1	-2	0	-2	0.8096
3	1	-2	0	-1	0.8147
3	1	-2	0	0	0.8214
3	1	-2	0	1	0.8286
3	1	-2	0	2	0.8346
3	1	-2	0	3	0.8386
3	1	-2	1	-3	0.7698
3	1	-2	1	-2	0.7754
3	1	-2	1	-1	0.7847
3	1	-2	1	0	0.7979
3	1	-2	1	1	0.8125
3	1	-2	1	2	0.8249
3	1	-2	1	3	0.8333
3	1	-2	2	-3	0.7162
3	1	-2	2	-2	0.7226
3	1	-2	2	-1	0.7344
3	1	-2	2	0	0.7539
3	1	-2	2	1	0.7797
3	1	-2	2	2	0.8047
3	1	-2	2	3	0.8223
3	1	-2	3	-3	0.6658
3	1	-2	3	-2	0.6705
3	1	-2	3	-1	0.6796
3	1	-2	3	0	0.6966
3	1	-2	3	1	0.7257
3	1	-2	3	2	0.7645

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	1	-2	3	3	0.7991
3	1	-1	-3	-3	0.8430
3	1	-1	-3	-2	0.8436
3	1	-1	-3	-1	0.8446
3	1	-1	-3	0	0.8459
3	1	-1	-3	1	0.8472
3	1	-1	-3	2	0.8483
3	1	-1	-3	3	0.8490
3	1	-1	-2	-3	0.8357
3	1	-1	-2	-2	0.8370
3	1	-1	-2	-1	0.8390
3	1	-1	-2	0	0.8416
3	1	-1	-2	1	0.8443
3	1	-1	-2	2	0.8465
3	1	-1	-2	3	0.8481
3	1	-1	-1	-3	0.8198
3	1	-1	-1	-2	0.8226
3	1	-1	-1	-1	0.8269
3	1	-1	-1	0	0.8325
3	1	-1	-1	1	0.8383
3	1	-1	-1	2	0.8429
3	1	-1	-1	3	0.8461
3	1	-1	0	-3	0.7843
3	1	-1	0	-2	0.7904
3	1	-1	0	-1	0.8000
3	1	-1	0	0	0.8125
3	1	-1	0	1	0.8253
3	1	-1	0	2	0.8354
3	1	-1	0	3	0.8420
3	1	-1	1	-3	0.7114
3	1	-1	1	-2	0.7219
3	1	-1	1	-1	0.7399
3	1	-1	1	0	0.7663
3	1	-1	1	1	0.7955
3	1	-1	1	2	0.8187
3	1	-1	1	3	0.8333
3	1	-1	2	-3	0.6145
3	1	-1	2	-2	0.6238
3	1	-1	2	-1	0.6419
3	1	-1	2	0	0.6753
3	1	-1	2	1	0.7267
3	1	-1	2	2	0.7794
3	1	-1	2	3	0.8139
3	1	-1	3	-3	0.5399
3	1	-1	3	-2	0.5452
3	1	-1	3	-1	0.5558
3	1	-1	3	0	0.5772
3	1	-1	3	1	0.6195
3	1	-1	3	2	0.6917
3	1	-1	3	3	0.7672
3	1	0	-3	-3	0.8475
3	1	0	-3	-2	0.8483

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	1	0	-3	-1	0.8497
3	1	0	-3	0	0.8515
3	1	0	-3	1	0.8533
3	1	0	-3	2	0.8548
3	1	0	-3	3	0.8558
3	1	0	-2	-3	0.8368
3	1	0	-2	-2	0.8387
3	1	0	-2	-1	0.8417
3	1	0	-2	0	0.8454
3	1	0	-2	1	0.8493
3	1	0	-2	2	0.8524
3	1	0	-2	3	0.8545
3	1	0	-1	-3	0.8123
3	1	0	-1	-2	0.8167
3	1	0	-1	-1	0.8235
3	1	0	-1	0	0.8321
3	1	0	-1	1	0.8407
3	1	0	-1	2	0.8474
3	1	0	-1	3	0.8518
3	1	0	0	-3	0.7513
3	1	0	0	-2	0.7619
3	1	0	0	-1	0.7786
3	1	0	0	0	0.8000
3	1	0	0	1	0.8209
3	1	0	0	2	0.8364
3	1	0	0	3	0.8460
3	1	0	1	-3	0.6213
3	1	0	1	-2	0.6371
3	1	0	1	-1	0.6667
3	1	0	1	0	0.7143
3	1	0	1	1	0.7692
3	1	0	1	2	0.8102
3	1	0	1	3	0.8333
3	1	0	2	-3	0.4781
3	1	0	2	-2	0.4880
3	1	0	2	-1	0.5082
3	1	0	2	0	0.5502
3	1	0	2	1	0.6320
3	1	0	2	2	0.7368
3	1	0	2	3	0.8020
3	1	0	3	-3	0.3862
3	1	0	3	-2	0.3908
3	1	0	3	-1	0.4000
3	1	0	3	0	0.4195
3	1	0	3	1	0.4624
3	1	0	3	2	0.5592
3	1	0	3	3	0.7097
3	1	1	-3	-3	0.8516
3	1	1	-3	-2	0.8528
3	1	1	-3	-1	0.8545
3	1	1	-3	0	0.8567
3	1	1	-3	1	0.8589

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	1	1	-3	2	0.8608
3	1	1	-3	3	0.8621
3	1	1	-2	-3	0.8379
3	1	1	-2	-2	0.8404
3	1	1	-2	-1	0.8443
3	1	1	-2	0	0.8491
3	1	1	-2	1	0.8540
3	1	1	-2	2	0.8579
3	1	1	-2	3	0.8604
3	1	1	-1	-3	0.8042
3	1	1	-1	-2	0.8105
3	1	1	-1	-1	0.8200
3	1	1	-1	0	0.8317
3	1	1	-1	1	0.8430
3	1	1	-1	2	0.8516
3	1	1	-1	3	0.8571
3	1	1	0	-3	0.7112
3	1	1	0	-2	0.7273
3	1	1	0	-1	0.7530
3	1	1	0	0	0.7857
3	1	1	0	1	0.8162
3	1	1	0	2	0.8374
3	1	1	0	3	0.8499
3	1	1	1	-3	0.5181
3	1	1	1	-2	0.5366
3	1	1	1	-1	0.5739
3	1	1	1	0	0.6437
3	1	1	1	1	0.7353
3	1	1	1	2	0.8006
3	1	1	1	3	0.8333
3	1	1	2	-3	0.3430
3	1	1	2	-2	0.3512
3	1	1	2	-1	0.3685
3	1	1	2	0	0.4072
3	1	1	2	1	0.5000
3	1	1	2	2	0.6739
3	1	1	2	3	0.7880
3	1	1	3	-3	0.2420
3	1	1	3	-2	0.2451
3	1	1	3	-1	0.2514
3	1	1	3	0	0.2652
3	1	1	3	1	0.2970
3	1	1	3	2	0.3829
3	1	1	3	3	0.6143
3	1	2	-3	-3	0.8548
3	1	2	-3	-2	0.8561
3	1	2	-3	-1	0.8581
3	1	2	-3	0	0.8606
3	1	2	-3	1	0.8632
3	1	2	-3	2	0.8653
3	1	2	-3	3	0.8667
3	1	2	-2	-3	0.8388

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	1	2	-2	-2	0.8418
3	1	2	-2	-1	0.8463
3	1	2	-2	0	0.8519
3	1	2	-2	1	0.8575
3	1	2	-2	2	0.8619
3	1	2	-2	3	0.8648
3	1	2	-1	-3	0.7974
3	1	2	-1	-2	0.8053
3	1	2	-1	-1	0.8171
3	1	2	-1	0	0.8314
3	1	2	-1	1	0.8448
3	1	2	-1	2	0.8548
3	1	2	-1	3	0.8611
3	1	2	0	-3	0.6735
3	1	2	0	-2	0.6945
3	1	2	0	-1	0.7288
3	1	2	0	0	0.7727
3	1	2	0	1	0.8122
3	1	2	0	2	0.8383
3	1	2	0	3	0.8529
3	1	2	1	-3	0.4313
3	1	2	1	-2	0.4496
3	1	2	1	-1	0.4884
3	1	2	1	0	0.5709
3	1	2	1	1	0.7000
3	1	2	1	2	0.7920
3	1	2	1	3	0.8333
3	1	2	2	-3	0.2393
3	1	2	2	-2	0.2454
3	1	2	2	-1	0.2585
3	1	2	2	0	0.2889
3	1	2	2	1	0.3706
3	1	2	2	2	0.5968
3	1	2	2	3	0.7747
3	1	2	3	-3	0.1341
3	1	2	3	-2	0.1359
3	1	2	3	-1	0.1396
3	1	2	3	0	0.1476
3	1	2	3	1	0.1667
3	1	2	3	2	0.2226
3	1	2	3	3	0.4767
3	1	3	-3	-3	0.8569
3	1	3	-3	-2	0.8583
3	1	3	-3	-1	0.8604
3	1	3	-3	0	0.8631
3	1	3	-3	1	0.8659
3	1	3	-3	2	0.8681
3	1	3	-3	3	0.8696
3	1	3	-2	-3	0.8394
3	1	3	-2	-2	0.8427
3	1	3	-2	-1	0.8476
3	1	3	-2	0	0.8537

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	1	3	-2	1	0.8598
3	1	3	-2	2	0.8645
3	1	3	-2	3	0.8676
3	1	3	-1	-3	0.7926
3	1	3	-1	-2	0.8017
3	1	3	-1	-1	0.8151
3	1	3	-1	0	0.8311
3	1	3	-1	1	0.8460
3	1	3	-1	2	0.8569
3	1	3	-1	3	0.8636
3	1	3	0	-3	0.6457
3	1	3	0	-2	0.6699
3	1	3	0	-1	0.7105
3	1	3	0	0	0.7632
3	1	3	0	1	0.8094
3	1	3	0	2	0.8388
3	1	3	0	3	0.8548
3	1	3	1	-3	0.3731
3	1	3	1	-2	0.3902
3	1	3	1	-1	0.4277
3	1	3	1	0	0.5139
3	1	3	1	1	0.6707
3	1	3	1	2	0.7857
3	1	3	1	3	0.8333
3	1	3	2	-3	0.1728
3	1	3	2	-2	0.1774
3	1	3	2	-1	0.1873
3	1	3	2	0	0.2105
3	1	3	2	1	0.2764
3	1	3	2	2	0.5213
3	1	3	2	3	0.7646
3	1	3	3	-3	0.0658
3	1	3	3	-2	0.0667
3	1	3	3	-1	0.0686
3	1	3	3	0	0.0726
3	1	3	3	1	0.0823
3	1	3	3	2	0.1119
3	1	3	3	3	0.3136
3	2	-3	-3	-3	0.7699
3	2	-3	-3	-2	0.7703
3	2	-3	-3	-1	0.7710
3	2	-3	-3	0	0.7718
3	2	-3	-3	1	0.7728
3	2	-3	-3	2	0.7736
3	2	-3	-3	3	0.7742
3	2	-3	-2	-3	0.7648
3	2	-3	-2	-2	0.7656
3	2	-3	-2	-1	0.7669
3	2	-3	-2	0	0.7687
3	2	-3	-2	1	0.7706
3	2	-3	-2	2	0.7723
3	2	-3	-2	3	0.7734

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	-3	-1	-3	0.7549
3	2	-3	-1	-2	0.7564
3	2	-3	-1	-1	0.7589
3	2	-3	-1	0	0.7624
3	2	-3	-1	1	0.7662
3	2	-3	-1	2	0.7695
3	2	-3	-1	3	0.7719
3	2	-3	0	-3	0.7361
3	2	-3	0	-2	0.7389
3	2	-3	0	-1	0.7435
3	2	-3	0	0	0.7500
3	2	-3	0	1	0.7574
3	2	-3	0	2	0.7640
3	2	-3	0	3	0.7687
3	2	-3	1	-3	0.7046
3	2	-3	1	-2	0.7088
3	2	-3	1	-1	0.7160
3	2	-3	1	0	0.7270
3	2	-3	1	1	0.7404
3	2	-3	1	2	0.7531
3	2	-3	1	3	0.7625
3	2	-3	2	-3	0.6643
3	2	-3	2	-2	0.6687
3	2	-3	2	-1	0.6767
3	2	-3	2	0	0.6904
3	2	-3	2	1	0.7102
3	2	-3	2	2	0.7321
3	2	-3	2	3	0.7500
3	2	-3	3	-3	0.6282
3	2	-3	3	-2	0.6314
3	2	-3	3	-1	0.6375
3	2	-3	3	0	0.6490
3	2	-3	3	1	0.6687
3	2	-3	3	2	0.6969
3	2	-3	3	3	0.7264
3	2	-2	-3	-3	0.7837
3	2	-2	-3	-2	0.7843
3	2	-2	-3	-1	0.7854
3	2	-2	-3	0	0.7868
3	2	-2	-3	1	0.7883
3	2	-2	-3	2	0.7896
3	2	-2	-3	3	0.7905
3	2	-2	-2	-3	0.7754
3	2	-2	-2	-2	0.7768
3	2	-2	-2	-1	0.7789
3	2	-2	-2	0	0.7818
3	2	-2	-2	1	0.7848
3	2	-2	-2	2	0.7875
3	2	-2	-2	3	0.7893
3	2	-2	-1	-3	0.7586
3	2	-2	-1	-2	0.7613
3	2	-2	-1	-1	0.7656

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	-2	-1	0	0.7715
3	2	-2	-1	1	0.7778
3	2	-2	-1	2	0.7831
3	2	-2	-1	3	0.7869
3	2	-2	0	-3	0.7244
3	2	-2	0	-2	0.7296
3	2	-2	0	-1	0.7381
3	2	-2	0	0	0.7500
3	2	-2	0	1	0.7631
3	2	-2	0	2	0.7743
3	2	-2	0	3	0.7819
3	2	-2	1	-3	0.6640
3	2	-2	1	-2	0.6717
3	2	-2	1	-1	0.6853
3	2	-2	1	0	0.7063
3	2	-2	1	1	0.7321
3	2	-2	1	2	0.7555
3	2	-2	1	3	0.7717
3	2	-2	2	-3	0.5903
3	2	-2	2	-2	0.5971
3	2	-2	2	-1	0.6102
3	2	-2	2	0	0.6342
3	2	-2	2	1	0.6721
3	2	-2	2	2	0.7159
3	2	-2	2	3	0.7500
3	2	-2	3	-3	0.5323
3	2	-2	3	-2	0.5364
3	2	-2	3	-1	0.5446
3	2	-2	3	0	0.5609
3	2	-2	3	1	0.5919
3	2	-2	3	2	0.6438
3	2	-2	3	3	0.7039
3	2	-1	-3	-3	0.8015
3	2	-1	-3	-2	0.8024
3	2	-1	-3	-1	0.8039
3	2	-1	-3	0	0.8059
3	2	-1	-3	1	0.8080
3	2	-1	-3	2	0.8097
3	2	-1	-3	3	0.8109
3	2	-1	-2	-3	0.7897
3	2	-1	-2	-2	0.7917
3	2	-1	-2	-1	0.7948
3	2	-1	-2	0	0.7989
3	2	-1	-2	1	0.8032
3	2	-1	-2	2	0.8069
3	2	-1	-2	3	0.8093
3	2	-1	-1	-3	0.7639
3	2	-1	-1	-2	0.7682
3	2	-1	-1	-1	0.7750
3	2	-1	-1	0	0.7840
3	2	-1	-1	1	0.7933
3	2	-1	-1	2	0.8009

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	-1	-1	3	0.8061
3	2	-1	0	-3	0.7062
3	2	-1	0	-2	0.7152
3	2	-1	0	-1	0.7299
3	2	-1	0	0	0.7500
3	2	-1	0	1	0.7712
3	2	-1	0	2	0.7882
3	2	-1	0	3	0.7993
3	2	-1	1	-3	0.5988
3	2	-1	1	-2	0.6110
3	2	-1	1	-1	0.6338
3	2	-1	1	0	0.6714
3	2	-1	1	1	0.7188
3	2	-1	1	2	0.7592
3	2	-1	1	3	0.7845
3	2	-1	2	-3	0.4817
3	2	-1	2	-2	0.4900
3	2	-1	2	-1	0.5067
3	2	-1	2	0	0.5405
3	2	-1	2	1	0.6034
3	2	-1	2	2	0.6875
3	2	-1	2	3	0.7500
3	2	-1	3	-3	0.4026
3	2	-1	3	-2	0.4067
3	2	-1	3	-1	0.4151
3	2	-1	3	0	0.4324
3	2	-1	3	1	0.4692
3	2	-1	3	2	0.5461
3	2	-1	3	3	0.6625
3	2	0	-3	-3	0.8200
3	2	0	-3	-2	0.8212
3	2	0	-3	-1	0.8230
3	2	0	-3	0	0.8255
3	2	0	-3	1	0.8280
3	2	0	-3	2	0.8301
3	2	0	-3	3	0.8315
3	2	0	-2	-3	0.8051
3	2	0	-2	-2	0.8077
3	2	0	-2	-1	0.8117
3	2	0	-2	0	0.8170
3	2	0	-2	1	0.8223
3	2	0	-2	2	0.8267
3	2	0	-2	3	0.8296
3	2	0	-1	-3	0.7701
3	2	0	-1	-2	0.7762
3	2	0	-1	-1	0.7857
3	2	0	-1	0	0.7978
3	2	0	-1	1	0.8100
3	2	0	-1	2	0.8196
3	2	0	-1	3	0.8258
3	2	0	0	-3	0.6824
3	2	0	0	-2	0.6963

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	0	0	-1	0.7192
3	2	0	0	0	0.7500
3	2	0	0	1	0.7808
3	2	0	0	2	0.8037
3	2	0	0	3	0.8176
3	2	0	1	-3	0.5157
3	2	0	1	-2	0.5316
3	2	0	1	-1	0.5630
3	2	0	1	0	0.6208
3	2	0	1	1	0.7000
3	2	0	1	2	0.7638
3	2	0	1	3	0.7989
3	2	0	2	-3	0.3599
3	2	0	2	-2	0.3677
3	2	0	2	-1	0.3840
3	2	0	2	0	0.4197
3	2	0	2	1	0.5000
3	2	0	2	2	0.6429
3	2	0	2	3	0.7500
3	2	0	3	-3	0.2665
3	2	0	3	-2	0.2696
3	2	0	3	-1	0.2762
3	2	0	3	0	0.2901
3	2	0	3	1	0.3216
3	2	0	3	2	0.4018
3	2	0	3	3	0.5909
3	2	1	-3	-3	0.8354
3	2	1	-3	-2	0.8367
3	2	1	-3	-1	0.8388
3	2	1	-3	0	0.8415
3	2	1	-3	1	0.8442
3	2	1	-3	2	0.8465
3	2	1	-3	3	0.8481
3	2	1	-2	-3	0.8183
3	2	1	-2	-2	0.8214
3	2	1	-2	-1	0.8261
3	2	1	-2	0	0.8321
3	2	1	-2	1	0.8381
3	2	1	-2	2	0.8429
3	2	1	-2	3	0.8461
3	2	1	-1	-3	0.7758
3	2	1	-1	-2	0.7836
3	2	1	-1	-1	0.7955
3	2	1	-1	0	0.8101
3	2	1	-1	1	0.8243
3	2	1	-1	2	0.8351
3	2	1	-1	3	0.8419
3	2	1	0	-3	0.6578
3	2	1	0	-2	0.6767
3	2	1	0	-1	0.7081
3	2	1	0	0	0.7500
3	2	1	0	1	0.7897

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	1	0	2	0.8171
3	2	1	0	3	0.8329
3	2	1	1	-3	0.4369
3	2	1	1	-2	0.4538
3	2	1	1	-1	0.4895
3	2	1	1	0	0.5632
3	2	1	1	1	0.6786
3	2	1	1	2	0.7683
3	2	1	1	3	0.8117
3	2	1	2	-3	0.2560
3	2	1	2	-2	0.2622
3	2	1	2	-1	0.2755
3	2	1	2	0	0.3059
3	2	1	2	1	0.3845
3	2	1	2	2	0.5833
3	2	1	2	3	0.7500
3	2	1	3	-3	0.1548
3	2	1	3	-2	0.1568
3	2	1	3	-1	0.1609
3	2	1	3	0	0.1698
3	2	1	3	1	0.1907
3	2	1	3	2	0.2500
3	2	1	3	3	0.4808
3	2	2	-3	-3	0.8459
3	2	2	-3	-2	0.8473
3	2	2	-3	-1	0.8495
3	2	2	-3	0	0.8523
3	2	2	-3	1	0.8552
3	2	2	-3	2	0.8576
3	2	2	-3	3	0.8591
3	2	2	-2	-3	0.8277
3	2	2	-2	-2	0.8311
3	2	2	-2	-1	0.8362
3	2	2	-2	0	0.8425
3	2	2	-2	1	0.8488
3	2	2	-2	2	0.8538
3	2	2	-2	3	0.8571
3	2	2	-1	-3	0.7802
3	2	2	-1	-2	0.7892
3	2	2	-1	-1	0.8026
3	2	2	-1	0	0.8190
3	2	2	-1	1	0.8344
3	2	2	-1	2	0.8457
3	2	2	-1	3	0.8528
3	2	2	0	-3	0.6379
3	2	2	0	-2	0.6606
3	2	2	0	-1	0.6990
3	2	2	0	0	0.7500
3	2	2	0	1	0.7964
3	2	2	0	2	0.8267
3	2	2	0	3	0.8435
3	2	2	1	-3	0.3788

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	2	1	-2	0.3954
3	2	2	1	-1	0.4316
3	2	2	1	0	0.5130
3	2	2	1	1	0.6591
3	2	2	1	2	0.7718
3	2	2	1	3	0.8209
3	2	2	2	-3	0.1844
3	2	2	2	-2	0.1892
3	2	2	2	-1	0.1995
3	2	2	2	0	0.2234
3	2	2	2	1	0.2899
3	2	2	2	2	0.5192
3	2	2	2	3	0.7500
3	2	2	3	-3	0.0794
3	2	2	3	-2	0.0805
3	2	2	3	-1	0.0827
3	2	2	3	0	0.0875
3	2	2	3	1	0.0989
3	2	2	3	2	0.1331
3	2	2	3	3	0.3382
3	2	3	-3	-3	0.8522
3	2	3	-3	-2	0.8537
3	2	3	-3	-1	0.8559
3	2	3	-3	0	0.8588
3	2	3	-3	1	0.8617
3	2	3	-3	2	0.8641
3	2	3	-3	3	0.8657
3	2	3	-2	-3	0.8334
3	2	3	-2	-2	0.8370
3	2	3	-2	-1	0.8422
3	2	3	-2	0	0.8488
3	2	3	-2	1	0.8552
3	2	3	-2	2	0.8603
3	2	3	-2	3	0.8636
3	2	3	-1	-3	0.7830
3	2	3	-1	-2	0.7927
3	2	3	-1	-1	0.8071
3	2	3	-1	0	0.8244
3	2	3	-1	1	0.8404
3	2	3	-1	2	0.8521
3	2	3	-1	3	0.8593
3	2	3	0	-3	0.6245
3	2	3	0	-2	0.6497
3	2	3	0	-1	0.6928
3	2	3	0	0	0.7500
3	2	3	0	1	0.8007
3	2	3	0	2	0.8326
3	2	3	0	3	0.8499
3	2	3	1	-3	0.3429
3	2	3	1	-2	0.3589
3	2	3	1	-1	0.3943
3	2	3	1	0	0.4781

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	2	3	1	1	0.6447
3	2	3	1	2	0.7742
3	2	3	1	3	0.8267
3	2	3	2	-3	0.1417
3	2	3	2	-2	0.1454
3	2	3	2	-1	0.1536
3	2	3	2	0	0.1728
3	2	3	2	1	0.2281
3	2	3	2	2	0.4643
3	2	3	2	3	0.7500
3	2	3	3	-3	0.0348
3	2	3	3	-2	0.0353
3	2	3	3	-1	0.0363
3	2	3	3	0	0.0384
3	2	3	3	1	0.0436
3	2	3	3	2	0.0594
3	2	3	3	3	0.1900
3	3	-2	-3	-3	0.2969
3	3	-2	-3	-2	0.2997
3	3	-2	-3	-1	0.3049
3	3	-2	-3	0	0.3137
3	3	-2	-3	1	0.3265
3	3	-2	-3	2	0.3414
3	3	-2	-3	3	0.3544
3	3	-2	-2	-3	0.2144
3	3	-2	-2	-2	0.2188
3	3	-2	-2	-1	0.2271
3	3	-2	-2	0	0.2428
3	3	-2	-2	1	0.2687
3	3	-2	-2	2	0.3017
3	3	-2	-2	3	0.3312
3	3	-2	-1	-3	0.0558
3	3	-2	-1	-2	0.0579
3	3	-2	-1	-1	0.0625
3	3	-2	-1	0	0.0736
3	3	-2	-1	1	0.1050
3	3	-2	-1	2	0.1855
3	3	-2	-1	3	0.2723
3	3	-1	-3	-3	0.5781
3	3	-1	-3	-2	0.5813
3	3	-1	-3	-1	0.5866
3	3	-1	-3	0	0.5942
3	3	-1	-3	1	0.6030
3	3	-1	-3	2	0.6111
3	3	-1	-3	3	0.6170
3	3	-1	-2	-3	0.5247
3	3	-1	-2	-2	0.5312
3	3	-1	-2	-1	0.5424
3	3	-1	-2	0	0.5589
3	3	-1	-2	1	0.5784
3	3	-1	-2	2	0.5960
3	3	-1	-2	3	0.6086

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	3	-1	-1	-3	0.4040
3	3	-1	-1	-2	0.4158
3	3	-1	-1	-1	0.4375
3	3	-1	-1	0	0.4734
3	3	-1	-1	1	0.5196
3	3	-1	-1	2	0.5618
3	3	-1	-1	3	0.5905
3	3	-1	0	-3	0.1799
3	3	-1	0	-2	0.1883
3	3	-1	0	-1	0.2068
3	3	-1	0	0	0.2500
3	3	-1	0	1	0.3465
3	3	-1	0	2	0.4693
3	3	-1	0	3	0.5474
3	3	-1	1	3	0.2292
3	3	0	-3	-3	0.7188
3	3	0	-3	-2	0.7213
3	3	0	-3	-1	0.7254
3	3	0	-3	0	0.7309
3	3	0	-3	1	0.7369
3	3	0	-3	2	0.7419
3	3	0	-3	3	0.7455
3	3	0	-2	-3	0.6817
3	3	0	-2	-2	0.6875
3	3	0	-2	-1	0.6968
3	3	0	-2	0	0.7092
3	3	0	-2	1	0.7224
3	3	0	-2	2	0.7333
3	3	0	-2	3	0.7407
3	3	0	-1	-3	0.5895
3	3	0	-1	-2	0.6028
3	3	0	-1	-1	0.6250
3	3	0	-1	0	0.6559
3	3	0	-1	1	0.6885
3	3	0	-1	2	0.7143
3	3	0	-1	3	0.7307
3	3	0	0	-3	0.3770
3	3	0	0	-2	0.3948
3	3	0	0	-1	0.4313
3	3	0	0	0	0.5000
3	3	0	0	1	0.5931
3	3	0	0	2	0.6667
3	3	0	0	3	0.7080
3	3	0	1	-3	0.1140
3	3	0	1	-2	0.1188
3	3	0	1	-1	0.1295
3	3	0	1	0	0.1569
3	3	0	1	1	0.2500
3	3	0	1	2	0.5000
3	3	0	1	3	0.6477
3	3	0	2	3	0.2500
3	3	1	-3	-3	0.7891

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	3	1	-3	-2	0.7912
3	3	1	-3	-1	0.7944
3	3	1	-3	0	0.7987
3	3	1	-3	1	0.8031
3	3	1	-3	2	0.8068
3	3	1	-3	3	0.8093
3	3	1	-2	-3	0.7607
3	3	1	-2	-2	0.7656
3	3	1	-2	-1	0.7732
3	3	1	-2	0	0.7830
3	3	1	-2	1	0.7929
3	3	1	-2	2	0.8008
3	3	1	-2	3	0.8060
3	3	1	-1	-3	0.6863
3	3	1	-1	-2	0.6989
3	3	1	-1	-1	0.7188
3	3	1	-1	0	0.7442
3	3	1	-1	1	0.7690
3	3	1	-1	2	0.7875
3	3	1	-1	3	0.7991
3	3	1	0	-3	0.4862
3	3	1	0	-2	0.5092
3	3	1	0	-1	0.5533
3	3	1	0	0	0.6250
3	3	1	0	1	0.7024
3	3	1	0	2	0.7551
3	3	1	0	3	0.7836
3	3	1	1	-3	0.2044
3	3	1	1	-2	0.2136
3	3	1	1	-1	0.2343
3	3	1	1	0	0.2867
3	3	1	1	1	0.4375
3	3	1	1	2	0.6494
3	3	1	1	3	0.7439
3	3	1	2	-3	0.0153
3	3	1	2	-2	0.0157
3	3	1	2	-1	0.0165
3	3	1	2	0	0.0185
3	3	1	2	1	0.0243
3	3	1	2	2	0.0625
3	3	1	2	3	0.5890
3	3	2	-3	-3	0.8242
3	3	2	-3	-2	0.8260
3	3	2	-3	-1	0.8288
3	3	2	-3	0	0.8324
3	3	2	-3	1	0.8361
3	3	2	-3	2	0.8392
3	3	2	-3	3	0.8412
3	3	2	-2	-3	0.8003
3	3	2	-2	-2	0.8047
3	3	2	-2	-1	0.8113
3	3	2	-2	0	0.8196

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	3	2	-2	1	0.8278
3	3	2	-2	2	0.8343
3	3	2	-2	3	0.8385
3	3	2	-1	-3	0.7359
3	3	2	-1	-2	0.7477
3	3	2	-1	-1	0.7656
3	3	2	-1	0	0.7877
3	3	2	-1	1	0.8084
3	3	2	-1	2	0.8236
3	3	2	-1	3	0.8330
3	3	2	0	-3	0.5450
3	3	2	0	-2	0.5706
3	3	2	0	-1	0.6177
3	3	2	0	0	0.6875
3	3	2	0	1	0.7547
3	3	2	0	2	0.7977
3	3	2	0	3	0.8206
3	3	2	1	-3	0.2518
3	3	2	1	-2	0.2636
3	3	2	1	-1	0.2903
3	3	2	1	0	0.3574
3	3	2	1	1	0.5312
3	3	2	1	2	0.7152
3	3	2	1	3	0.7893
3	3	2	2	-3	0.0539
3	3	2	2	-2	0.0553
3	3	2	2	-1	0.0584
3	3	2	2	0	0.0656
3	3	2	2	1	0.0870
3	3	2	2	2	0.2188
3	3	2	2	3	0.6748
3	3	3	-3	-3	0.8418
3	3	3	-3	-2	0.8435
3	3	3	-3	-1	0.8460
3	3	3	-3	0	0.8493
3	3	3	-3	1	0.8526
3	3	3	-3	2	0.8553
3	3	3	-3	3	0.8571
3	3	3	-2	-3	0.8202
3	3	3	-2	-2	0.8242
3	3	3	-2	-1	0.8303
3	3	3	-2	0	0.8378
3	3	3	-2	1	0.8452
3	3	3	-2	2	0.8510
3	3	3	-2	3	0.8548
3	3	3	-1	-3	0.7610
3	3	3	-1	-2	0.7722
3	3	3	-1	-1	0.7891
3	3	3	-1	0	0.8093
3	3	3	-1	1	0.8280
3	3	3	-1	2	0.8416
3	3	3	-1	3	0.8498

log2(p1)	log2(p2)	log2(p3)	log2(p4)	log2(p5)	a+u
3	3	3	0	-3	0.5759
3	3	3	0	-2	0.6027
3	3	3	0	-1	0.6509
3	3	3	0	0	0.7188
3	3	3	0	1	0.7804
3	3	3	0	2	0.8187
3	3	3	0	3	0.8389
3	3	3	1	-3	0.2761
3	3	3	1	-2	0.2894
3	3	3	1	-1	0.3194
3	3	3	1	0	0.3947
3	3	3	1	1	0.5781
3	3	3	1	2	0.7466
3	3	3	1	3	0.8115
3	3	3	2	-3	0.0734
3	3	3	2	-2	0.0753
3	3	3	2	-1	0.0796
3	3	3	2	0	0.0897
3	3	3	2	1	0.1197
3	3	3	2	2	0.2969
3	3	3	2	3	0.7134

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