Explicit Schoen surfaces: the Magma code

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A The construction

The following code is implemented on the Computational Algebra System Magma, version V2.22-2.

We start by defining the Igusa quartic I_4 and computing its 15 singular lines.

```
K:=Rationals();
P<x,y,z,w,t>:=ProjectiveSpace(K,4);
h:=-x-y-z-w-t;
U:=4*(x^4+y^4+z^4+w^4+t^4+h^4)-(x^2+y^2+z^2+w^2+t^2+h^2)^2;
I4:=Scheme(P,U);
SS:=SingularSubscheme(I4);
pc:=PrimeComponents(SS);
```

Then we compute the 6 sets of 5 lines described in Section 3.2. Each trope of the Igusa quartic contains 6 of the 15 singular lines. Let us first define these 10 sets of 6 lines:

```
l6:={Seqset(PrimeComponents(Scheme(SS,P.q[1]+P.q[2]+P.q[3]))):
     q in Permutations({1..5},3)};
```

Testing over all possible sets of 5 singular lines, we compute the ones which meet each trope at no more than 2 singular lines.

```
per:={Seqset(q):q in Permutations({1..15},5)};
l5:={{pc[i]:i in q}:q in per};
ll5:={};
for q in l5 do
 if &and[#(q meet u) lt 3:u in l6] then ll5:=ll5 join {q};end if;
end for;
#ll5 eq 6;
```

The intersection of the Igusa quartic with a generic hyperplane, depending on parameters a, b, c, d, gives a parametrization of 15-nodal quartic surfaces

$$\{U_{a,b,c,d}(x, y, z, w) = 0\}$$

in $\mathbb{P}^3$. This can be seen as a hypersurface in $\mathbb{P}^3 \times \mathbb{A}^4$.

```
A4:=AffineSpace(K,4);
P3:=ProjectiveSpace(K,3);
P3A4<x,y,z,w,a,b,c,d>:=DirectProduct(P3,A4);
```

```
t:=a*x+b*y+c*z+d*w;
h:=-x-y-z-w-t;
U:=4*(x^4+y^4+z^4+w^4+t^4+h^4)-(x^2+y^2+z^2+w^2+t^2+h^2)^2;
```

We fix one of the sets of 5 lines computed above and choose coordinates such that the corresponding 5 nodes of the surface $Q_{15} := \{U = 0\}$ are

$$(1:0:0:0), \ldots, (0:0:0:1), (1:1:1:1)$$

(this implies that the equations of S_3 and I_4 computed below do not depend on the parameters a, b, c, d).

```
q:=[-b*x+b*y-b*z+c*x+c*y-c*w-d*y+d*z-d*w+x-z-w,
a*x-a*y+a*z-c*x+c*z-c*w+d*x+d*y-d*z-d*w+y+z-w,
-a*x-a*y+a*w+b*x-b*z+b*w-d*x+d*y+d*z-x+y-z+w,
a*y-a*z+a*w-b*x-b*y+b*z+b*w+c*x-c*y-c*z+x-y+w];
U:=Evaluate(U,q cat [a,b,c,d]);
Q15:=Scheme(P3A4,U);
```

The map given by the linear system of quadrics through the above 5 points sends the family of surfaces $Q_{15} \subset \mathbb{P}^3$ to the family of surfaces $Q_{10} \subset \mathbb{P}^4$.

```
P4:=ProjectiveSpace(K,4);
P4A4,p:=DirectProduct(P4,A4);
s:=[x*y-z*w,x*z-z*w,x*w-z*w,y*z-z*w,y*w-z*w];
phi:=map<P3A4->P4A4|s cat [a,b,c,d]>;
Q10:=phi(Q15);
```

The defining equations of Q_{10} have degrees $3, 4, 2$, in variables x, y, z, w, t :

```
f:=DefiningEquations(Q10);
[Degree(q):q in f] eq [3,4,2];
```

We know from Proposition 4 that the degree 4 polynomial is irrelevant here. The cubic polynomial does not depend on the parameters a, b, c, d. We project the corresponding cubic threefold to $\mathbb{P}^4$ and verify that it is the Segre cubic.

```
S3:=Scheme(P4A4,f[1]);
pS3:=p[1](S3);
pts10:=SingularPoints(pS3);
#pts10 eq 10;
```

These are ordinary double points:

```
[Multiplicity(pS3,q) eq 2 : q in pts10];
[Dimension(SingularSubscheme(TangentCone(pS3,q))) eq 0 : q in pts10];
```

We compute its dual, the Igusa quartic.

```
P4A4<x,y,z,w,t,a,b,c,d>:=P4A4;
phi:=map<P4A4->P4A4|
        [Derivative(f[1],i):i in [1..5]] cat [a,b,c,d]>;
I4:=phi(S3);
```

The family of quadrics S_2 (which meet the Segre cubic at a surface Q_{10}) is given by $f[3]$. We want to compute the dual Q_2 of S_2, the image of S_2 under the gradient map. It is sufficient to make the change of variables given by the inverse of the Hessian matrix of S_2. We use instead the adjoint matrix, so we get a polynomial divisible by the determinant of the Hessian.

```
HM:=HessianMatrix(Scheme(P4A4,f[3]));
HM:=Submatrix(HM,1,1,5,5);
Ad:=Adjoint(HM);
J:=Ad*ColumnMatrix([x,y,z,w,t]);
s:=[J[i][1]:i in [1..5]] cat [a,b,c,d];
Q2:=Evaluate(f[3],s) div Determinant(HM);
```

We note that the previous line is very time and memory consuming.

So, $Q2$ gives the family of quadrics Q_2. Finally we do the blow-up as described in Section 3.5, remove the exceptional divisor and obtain the family of quadrics $\{G = 0\}$.

```
F:=Factorization(Q2)[2][1];
G:=Evaluate(F,[x,y,z,w,t,a,a*b,a*c-1,a*d-1]) div (a^3);
Factorization(G);
```

This (huge) polynomial is available below, see **??**.

B The Σ_5-invariant $\overline{X}_{40}$

We define the Segre cubic in $\mathbb{P}^4(\sqrt{-15})$:

```
R<r>:=PolynomialRing(K);
K<r>:=ext<K|r^2+15>;
P4<x,y,z,w,t>:=BaseExtend(P4,K);
S3:=p[1](S3);
```

The quadric $S_2 := \{G(x, y, z, w, t, 0, 0, 0, 0) = 0\}$:

```
f2:=9*x^2-22*x*y+9*y^2+2*x*z+2*y*z+9*z^2+2*x*w+2*y*w-
2*z*w+9*w^2+2*x*t+22*y*t-22*z*t-22*w*t+9*t^2;
S2:=Scheme(P4,f2);
```

We change variables:

```
cv:=[-3*z+3*w,-x+2*y-z+2*w-t,-2*x+y-2*z+w+t,
     x+y-2*z+w-2*t,-x-y-z+2*w-t];
SS3:=Scheme(P4,Evaluate(DefiningEquation(S3),cv));
SS2:=Scheme(P4,Evaluate(DefiningEquation(S2),cv));
```

compute the duals:

```
phi:=map<P4->P4|JacobianSequence(DefiningEquation(SS3))>;
I4:=phi(SS3);
phi:=map<P4->P4|JacobianSequence(DefiningEquation(SS2))>;
Q2:=phi(SS2);
```

and verify that the corresponding complete intersection is as claimed:

```
h:=-x-y-z-w-t;
f2:=5*(x^2+y^2+z^2+w^2+t^2)-7*(x+y+z+w+t)^2;
f4:=4*(x^4+y^4+z^4+w^4+t^4+h^4)-(x^2+y^2+z^2+w^2+t^2+h^2)^2;
X40:=Surface(P4,[f2,f4]);
X40 eq (I4 meet Q2);
pts40:=Points(SingularSubscheme(X40));
#pts40 eq 40;
```

These are nodal points:

```
for q in pts40 do a,b,c:=IsSimpleSurfaceSingularity(X40!q);
 a eq true,b eq "A",c eq 1;
end for;
```

C 2-divisibility of the nodes

Now we show that the 40 nodes of the Σ_5-invariant surface $\overline{X}_{40}$ computed above are 2-divisible.

We define 4 hyperplane sections of X_{40} :

```
s:=[x+y+z,
x+1/16*(3*r+11)*y+1/16*(-r-9)*z+1/16*(3*r+11)*w+t,
x+1/6*(r-9)*y+1/6*(-r-9)*z+1/6*(-r-9)*w+1/6*(r-9)*t,
x+1/16*(r-9)*y+1/16*(-3*r+11)*z+w+1/16*(-3*r+11)*t];
T:=[Scheme(X40,s[i]):i in [1..4]];
```

and show that they are tropes:

```
RT:=[ReducedSubscheme(T[i]):i in [1..4]];
[Difference(T[i],RT[i]) eq RT[i]:i in [1..4]];
```

Only one of these divisors is supported on a singular curve:

```
[Dimension(SingularSubscheme(q)):q in RT] eq [0,-1,-1,-1];
```

But these singularities are not in the other 3 tropes:

```
[Dimension(SingularSubscheme(RT[1]) meet RT[i]):i in [2,3,4]] eq
[-1,-1,-1];
```

Finally these tropes give the 2-divisibility of the nodes:

```
SX40:=SingularSubscheme(X40);
p1:=Points(Scheme(SX40,s[1]*s[2])) diff
    Points(Scheme(SX40,[s[1],s[2]]));
p2:=Points(Scheme(SX40,s[3]*s[4])) diff
    Points(Scheme(SX40,[s[3],s[4]]));
#p1 eq 20; #p2 eq 20; #(p1 join p2) eq 40;
```

D The Kummer quotient

Here we compute the quotient of the surface $\overline{X}_{40}$ by the involution given by the transposition $(1,2)$.

We consider an extension of the field K for which the ramification curve C below is reducible (this has been given by `FieldOfGeometricIrreducibility(C)`).

```
R<r1>:=PolynomialRing(K);
poly:=3528433955635307636954387430358818290437875302 4*r1^2 -
      4204465507333591979442236784830217175481288318976*r1 +
      1252521164150051465432759193264259214879815736991 31;
K<r1>:=ext<K|poly>;
X40:=BaseExtend(X40,K);
P4<x,y,z,w,t>:=Ambient(X40);
```

The projection to the quotient, a quartic surface Q with 15 nodes:

```
P3<X,Y,Z,W>:=ProjectiveSpace(K,3);
phi:=map<P4->P3|[x+y,z,w,t]>;
Q:=phi(X40);
Degree(Q) eq 4;
pts15:=Points(SingularSubscheme(Q));
#pts15 eq 15;
```

These are nodal points:

```
for q in pts15 do a,b,c:=IsSimpleSurfaceSingularity(Q!q);
 a eq true,b eq "A",c eq 1;
end for;
```

The ramification of ϕ is given by

```
C:=Curve(X40,[x-y]);
```

This curve has two components:

```
pc:=PrimeComponents(C);
#pc eq 2;
```

The (-2)-curves A_{16} and A'_{16} (denoted here B_{16}) are given by the projection of the above components to Q. We verify that these curves are as stated.

```
A16:=Curve(P3,DefiningEquations(phi(pc[1])));
B16:=Curve(P3,DefiningEquations(phi(pc[2])));
Dimension(SingularSubscheme(A16)) eq -1;
Dimension(SingularSubscheme(B16)) eq -1;
Dimension(SingularSubscheme(Q) meet A16) eq -1;
Dimension(SingularSubscheme(Q) meet B16) eq -1;
GeometricGenus(A16) eq 0;
GeometricGenus(B16) eq 0;
D1:=Divisor(Q,A16);
D2:=Divisor(Q,B16);
SelfIntersection(D1) eq -2;
SelfIntersection(D2) eq -2;
IntersectionNumber(D1,D2) eq 10;
```

The equation of Q is:

```
9*X^4+31*X^3*Y+14*X^2*Y^2-4*X*Y^3+4*Y^4+31*X^3*Z+58*X^2*Y*Z+
23*X*Y^2*Z-4*Y^3*Z+14*X^2*Z^2+23*X*Y*Z^2+9*Y^2*Z^2-4*X*Z^3-
4*Y*Z^3+4*Z^4+31*X^3*W+58*X^2*Y*W+23*X*Y^2*W-4*Y^3*W+58*X^2*Z*W+
81*X*Y*Z*W+23*Y^2*Z*W+23*X*Z^2*W+23*Y*Z^2*W-4*Z^3*W+14*X^2*W^2+
23*X*Y*W^2+9*Y^2*W^2+23*X*Z*W^2+23*Y*Z*W^2+9*Z^2*W^2-4*X*W^3-
4*Y*W^3-4*Z*W^3+4*W^4 = 0
```

E The elliptic curve with CM

The elliptic curve given in Section 4.4:

```
K:=Rationals();
R<r>:=PolynomialRing(K);K<r>:=ext<K|r^2 + 15>;
R<q>:=PolynomialRing(K);K<q>:=ext<K|q^2 + 3>;
R<i>:=PolynomialRing(K);K<i>:=ext<K|i^2 + 1>;
P<x>:=PolynomialRing(K);
E:=EllipticCurve( x*(x-1)*( x-(17+21*r/q+7*r-17*q)/64 ) );
```

It has complex multiplication by $\mathbb{Z}[\sqrt{-15}]$:

```
a,b:=HasComplexMultiplication(E);
a eq true;b eq -15;
```

and its j-invariant is:

```
jInvariant(E) eq -1/2*(3^3*5)*(+5*283+7^2*13*r/q);
```

F The polynomial $G_{a,b,c,d}$

```
x^2*a^4*b^7 + 3*x*y*a^4*b^7 - 2/3*y^2*a^4*b^7 - x*z*a^4*b^7 -
2/3*y*z*a^4*b^7 - 8/3*z^2*a^4*b^7 - x*w*a^4*b^7 - 2/3*y*w*a^4*b^7 -
1/3*z*w*a^4*b^7 - 8/3*w^2*a^4*b^7 + 3*x*t*a^4*b^7 + 11/3*y*t*a^4*b^7 -
2/3*z*t*a^4*b^7 - 2/3*w*t*a^4*b^7 - 2/3*t^2*a^4*b^7 + x^2*a^4*b^6*c -
5*x*y*a^4*b^6*c - 14/3*y^2*a^4*b^6*c + 4*x*z*a^4*b^6*c -
14/3*y*z*a^4*b^6*c + 16/3*z^2*a^4*b^6*c + 4*x*w*a^4*b^6*c -
14/3*y*w*a^4*b^6*c - 7/3*z*w*a^4*b^6*c + 16/3*w^2*a^4*b^6*c -
2*x*t*a^4*b^6*c - 1/3*y*t*a^4*b^6*c + 19/3*z*t*a^4*b^6*c +
19/3*w*t*a^4*b^6*c + 7/3*t^2*a^4*b^6*c - 15*x^2*a^4*b^5*c^2 -
39*x*y*a^4*b^5*c^2 - 14*y^2*a^4*b^5*c^2 - 6*x*z*a^4*b^5*c^2 -
14*y*z*a^4*b^5*c^2 + 10*z^2*a^4*b^5*c^2 - 6*x*w*a^4*b^5*c^2 -
14*y*w*a^4*b^5*c^2 - 7*z*w*a^4*b^5*c^2 + 10*w^2*a^4*b^5*c^2 -
24*x*t*a^4*b^5*c^2 - 25*y*t*a^4*b^5*c^2 + z*t*a^4*b^5*c^2 +
w*t*a^4*b^5*c^2 + t^2*a^4*b^5*c^2 - 28*x^2*a^4*b^4*c^3 -
51*x*y*a^4*b^4*c^3 - 70/3*y^2*a^4*b^4*c^3 - 35*x*z*a^4*b^4*c^3 -
70/3*y*z*a^4*b^4*c^3 - 46/3*z^2*a^4*b^4*c^3 - 35*x*w*a^4*b^4*c^3 -
70/3*y*w*a^4*b^4*c^3 - 35/3*z*w*a^4*b^4*c^3 - 46/3*w^2*a^4*b^4*c^3 -
21*x*t*a^4*b^4*c^3 - 83/3*y*t*a^4*b^4*c^3 - 70/3*z*t*a^4*b^4*c^3 -
70/3*w*t*a^4*b^4*c^3 - 25/3*t^2*a^4*b^4*c^3 - 4*x^2*a^4*b^3*c^4 -
19*x*y*a^4*b^3*c^4 - 70/3*y^2*a^4*b^3*c^4 - 19*x*z*a^4*b^3*c^4 -
70/3*y*z*a^4*b^3*c^4 - 46/3*z^2*a^4*b^3*c^4 - 19*x*w*a^4*b^3*c^4 -
70/3*y*w*a^4*b^3*c^4 - 35/3*z*w*a^4*b^3*c^4 - 46/3*w^2*a^4*b^3*c^4 +
11*x*t*a^4*b^3*c^4 + 13/3*y*t*a^4*b^3*c^4 - 22/3*z*t*a^4*b^3*c^4 -
22/3*w*t*a^4*b^3*c^4 - 1/3*t^2*a^4*b^3*c^4 + 12*x^2*a^4*b^2*c^5 -
3*x*y*a^4*b^2*c^5 - 14*y^2*a^4*b^2*c^5 + 12*x*z*a^4*b^2*c^5 -
```

```
14*y*z*a^4*b^2*c^5 + 10*z^2*a^4*b^2*c^5 + 12*x*w*a^4*b^2*c^5 -
14*y*w*a^4*b^2*c^5 - 7*z*w*a^4*b^2*c^5 + 10*w^2*a^4*b^2*c^5 +
12*x*t*a^4*b^2*c^5 + 11*y*t*a^4*b^2*c^5 + 19*z*t*a^4*b^2*c^5 +
19*w*t*a^4*b^2*c^5 + 10*t^2*a^4*b^2*c^5 - 2*x^2*a^4*b*c^6 -
9*x*y*a^4*b*c^6 - 14/3*y^2*a^4*b*c^6 + 2*x*z*a^4*b*c^6 -
14/3*y*z*a^4*b*c^6 + 16/3*z^2*a^4*b*c^6 + 2*x*w*a^4*b*c^6 -
14/3*y*w*a^4*b*c^6 - 7/3*z*w*a^4*b*c^6 + 16/3*w^2*a^4*b*c^6 -
6*x*t*a^4*b*c^6 - 13/3*y*t*a^4*b*c^6 + 13/3*z*t*a^4*b*c^6 +
13/3*w*t*a^4*b*c^6 + 4/3*t^2*a^4*b*c^6 - 5*x^2*a^4*c^7 - 5*x*y*a^4*c^7 -
2/3*y^2*a^4*c^7 - 5*x*z*a^4*c^7 - 2/3*y*z*a^4*c^7 - 8/3*z^2*a^4*c^7 -
5*x*w*a^4*c^7 - 2/3*y*w*a^4*c^7 - 1/3*z*w*a^4*c^7 - 8/3*w^2*a^4*c^7 -
5*x*t*a^4*c^7 - 13/3*y*t*a^4*c^7 - 14/3*z*t*a^4*c^7 - 14/3*w*t*a^4*c^7 -
8/3*t^2*a^4*c^7 - 11*x^2*a^4*b^6*d - 10*x*y*a^4*b^6*d +
7/3*y^2*a^4*b^6*d - 12*x*z*a^4*b^6*d - 5/3*y*z*a^4*b^6*d +
4/3*z^2*a^4*b^6*d - 12*x*w*a^4*b^6*d - 5/3*y*w*a^4*b^6*d -
31/3*z*w*a^4*b^6*d + 4/3*w^2*a^4*b^6*d - 10*x*t*a^4*b^6*d -
25/3*y*t*a^4*b^6*d - 5/3*z*t*a^4*b^6*d - 5/3*w*t*a^4*b^6*d +
7/3*t^2*a^4*b^6*d + 24*x^2*a^4*b^5*c*d + 18*x*y*a^4*b^5*c*d +
14*y^2*a^4*b^5*c*d + 18*x*z*a^4*b^5*c*d + 8*y*z*a^4*b^5*c*d -
16*z^2*a^4*b^5*c*d + 18*x*w*a^4*b^5*c*d + 8*y*w*a^4*b^5*c*d +
28*z*w*a^4*b^5*c*d - 16*w^2*a^4*b^5*c*d + 30*x*t*a^4*b^5*c*d +
10*y*t*a^4*b^5*c*d - 10*z*t*a^4*b^5*c*d - 10*w*t*a^4*b^5*c*d -
10*t^2*a^4*b^5*c*d + 69*x^2*a^4*b^4*c^2*d + 105*x*y*a^4*b^4*c^2*d +
35*y^2*a^4*b^4*c^2*d + 69*x*z*a^4*b^4*c^2*d + 47*y*z*a^4*b^4*c^2*d +
5*z^2*a^4*b^4*c^2*d + 69*x*w*a^4*b^4*c^2*d + 47*y*w*a^4*b^4*c^2*d +
43*z*w*a^4*b^4*c^2*d + 5*w^2*a^4*b^4*c^2*d + 69*x*t*a^4*b^4*c^2*d +
58*y*t*a^4*b^4*c^2*d + 26*z*t*a^4*b^4*c^2*d + 26*w*t*a^4*b^4*c^2*d +
5*t^2*a^4*b^4*c^2*d + 32*x^2*a^4*b^3*c^3*d + 112*x*y*a^4*b^3*c^3*d +
140/3*y^2*a^4*b^3*c^3*d + 54*x*z*a^4*b^3*c^3*d + 224/3*y*z*a^4*b^3*c^3*d
+ 134/3*z^2*a^4*b^3*c^3*d + 54*x*w*a^4*b^3*c^3*d +
224/3*y*w*a^4*b^3*c^3*d + 28/3*z*w*a^4*b^3*c^3*d +
134/3*w^2*a^4*b^3*c^3*d + 10*x*t*a^4*b^3*c^3*d + 112/3*y*t*a^4*b^3*c^3*d
+ 134/3*z*t*a^4*b^3*c^3*d + 134/3*w*t*a^4*b^3*c^3*d +
68/3*t^2*a^4*b^3*c^3*d + 6*x^2*a^4*b^2*c^4*d + 36*x*y*a^4*b^2*c^4*d +
35*y^2*a^4*b^2*c^4*d + 27*x*z*a^4*b^2*c^4*d + 47*y*z*a^4*b^2*c^4*d +
5*z^2*a^4*b^2*c^4*d + 27*x*w*a^4*b^2*c^4*d + 47*y*w*a^4*b^2*c^4*d +
43*z*w*a^4*b^2*c^4*d + 5*w^2*a^4*b^2*c^4*d - 15*x*t*a^4*b^2*c^4*d -
11*y*t*a^4*b^2*c^4*d - 16*z*t*a^4*b^2*c^4*d - 16*w*t*a^4*b^2*c^4*d -
16*t^2*a^4*b^2*c^4*d + 6*x^2*a^4*b*c^5*d + 6*x*y*a^4*b*c^5*d +
14*y^2*a^4*b*c^5*d + 6*x*z*a^4*b*c^5*d + 8*y*z*a^4*b*c^5*d -
16*z^2*a^4*b*c^5*d + 6*x*w*a^4*b*c^5*d + 8*y*w*a^4*b*c^5*d +
28*z*w*a^4*b*c^5*d - 16*w^2*a^4*b*c^5*d + 6*x*t*a^4*b*c^5*d -
2*y*t*a^4*b*c^5*d - 22*z*t*a^4*b*c^5*d - 22*w*t*a^4*b*c^5*d -
16*t^2*a^4*b*c^5*d - 2*x^2*a^4*c^6*d + 5*x*y*a^4*c^6*d +
7/3*y^2*a^4*c^6*d - 6*x*z*a^4*c^6*d - 5/3*y*z*a^4*c^6*d +
4/3*z^2*a^4*c^6*d - 6*x*w*a^4*c^6*d - 5/3*y*w*a^4*c^6*d -
31/3*z*w*a^4*c^6*d + 4/3*w^2*a^4*c^6*d + 2*x*t*a^4*c^6*d +
20/3*y*t*a^4*c^6*d + 13/3*z*t*a^4*c^6*d + 13/3*w*t*a^4*c^6*d +
16/3*t^2*a^4*c^6*d - 15*x^2*a^4*b^5*d^2 - 24*x*y*a^4*b^5*d^2 +
y^2*a^4*b^5*d^2 - 6*x*z*a^4*b^5*d^2 + y*z*a^4*b^5*d^2 +
10*z^2*a^4*b^5*d^2 - 6*x*w*a^4*b^5*d^2 + y*w*a^4*b^5*d^2 -
7*z*w*a^4*b^5*d^2 + 10*w^2*a^4*b^5*d^2 - 24*x*t*a^4*b^5*d^2 -
25*y*t*a^4*b^5*d^2 + z*t*a^4*b^5*d^2 + w*t*a^4*b^5*d^2 + t^2*a^4*b^5*d^2
+ 6*x^2*a^4*b^4*c*d^2 + 12*x*y*a^4*b^4*c*d^2 + 5*y^2*a^4*b^4*c*d^2 -
15*x*z*a^4*b^4*c*d^2 - 4*y*z*a^4*b^4*c*d^2 - 16*z^2*a^4*b^4*c*d^2 -
15*x*w*a^4*b^4*c*d^2 - 4*y*w*a^4*b^4*c*d^2 + z*w*a^4*b^4*c*d^2 -
16*w^2*a^4*b^4*c*d^2 + 27*x*t*a^4*b^4*c*d^2 + 16*y*t*a^4*b^4*c*d^2 -
16*z*t*a^4*b^4*c*d^2 - 16*w*t*a^4*b^4*c*d^2 + 5*t^2*a^4*b^4*c*d^2 -
42*x^2*a^4*b^3*c^2*d^2 + 18*x*y*a^4*b^3*c^2*d^2 + 10*y^2*a^4*b^3*c^2*d^2
- 51*x*z*a^4*b^3*c^2*d^2 - 17*y*z*a^4*b^3*c^2*d^2 -
17*z^2*a^4*b^3*c^2*d^2 - 51*x*w*a^4*b^3*c^2*d^2 - 17*y*w*a^4*b^3*c^2*d^2
- 43*z*w*a^4*b^3*c^2*d^2 - 17*w^2*a^4*b^3*c^2*d^2 -
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33*x*t*a^4*b^3*c^2*d^2 + 35*y*t*a^4*b^3*c^2*d^2 - 8*z*t*a^4*b^3*c^2*d^2
- 8*w*t*a^4*b^3*c^2*d^2 - 8*t^2*a^4*b^3*c^2*d^2 - 69*x^2*a^4*b^2*c^3*d^2
- 69*x*y*a^4*b^2*c^3*d^2 + 10*y^2*a^4*b^2*c^3*d^2 -
69*x*z*a^4*b^2*c^3*d^2 - 17*y*z*a^4*b^2*c^3*d^2 - 17*z^2*a^4*b^2*c^3*d^2
- 69*x*w*a^4*b^2*c^3*d^2 - 17*y*w*a^4*b^2*c^3*d^2 -
43*z*w*a^4*b^2*c^3*d^2 - 17*w^2*a^4*b^2*c^3*d^2 - 69*x*t*a^4*b^2*c^3*d^2
- 52*y*t*a^4*b^2*c^3*d^2 - 26*z*t*a^4*b^2*c^3*d^2 -
26*w*t*a^4*b^2*c^3*d^2 - 17*t^2*a^4*b^2*c^3*d^2 + 6*x^2*a^4*b*c^4*d^2 -
24*x*y*a^4*b*c^4*d^2 + 5*y^2*a^4*b*c^4*d^2 - 15*x*z*a^4*b*c^4*d^2 -
4*y*z*a^4*b*c^4*d^2 - 16*z^2*a^4*b*c^4*d^2 - 15*x*w*a^4*b*c^4*d^2 -
4*y*w*a^4*b*c^4*d^2 + z*w*a^4*b*c^4*d^2 - 16*w^2*a^4*b*c^4*d^2 +
27*x*t*a^4*b*c^4*d^2 - 20*y*t*a^4*b*c^4*d^2 - 16*z*t*a^4*b*c^4*d^2 -
16*w*t*a^4*b*c^4*d^2 + 5*t^2*a^4*b*c^4*d^2 + 12*x^2*a^4*c^5*d^2 +
27*x*y*a^4*c^5*d^2 + y^2*a^4*c^5*d^2 + 12*x*z*a^4*c^5*d^2 +
y*z*a^4*c^5*d^2 + 10*z^2*a^4*c^5*d^2 + 12*x*w*a^4*c^5*d^2 +
y*w*a^4*c^5*d^2 - 7*z*w*a^4*c^5*d^2 + 10*w^2*a^4*c^5*d^2 +
12*x*t*a^4*c^5*d^2 + 26*y*t*a^4*c^5*d^2 + 19*z*t*a^4*c^5*d^2 +
19*w*t*a^4*c^5*d^2 + 10*t^2*a^4*c^5*d^2 + 17*x^2*a^4*b^4*d^3 +
9*x*y*a^4*b^4*d^3 - 25/3*y^2*a^4*b^4*d^3 + 25*x*z*a^4*b^4*d^3 +
20/3*y*z*a^4*b^4*d^3 - 1/3*z^2*a^4*b^4*d^3 + 25*x*w*a^4*b^4*d^3 +
20/3*y*w*a^4*b^4*d^3 + 55/3*z*w*a^4*b^4*d^3 - 1/3*w^2*a^4*b^4*d^3 +
9*x*t*a^4*b^4*d^3 + 7/3*y*t*a^4*b^4*d^3 + 20/3*z*t*a^4*b^4*d^3 +
20/3*w*t*a^4*b^4*d^3 - 25/3*t^2*a^4*b^4*d^3 - 34*x^2*a^4*b^3*c*d^3 -
34*x*y*a^4*b^3*c*d^3 - 100/3*y^2*a^4*b^3*c*d^3 - 34*x*z*a^4*b^3*c*d^3 -
82/3*y*z*a^4*b^3*c*d^3 + 68/3*z^2*a^4*b^3*c*d^3 - 34*x*w*a^4*b^3*c*d^3 -
82/3*y*w*a^4*b^3*c*d^3 - 104/3*z*w*a^4*b^3*c*d^3 +
68/3*w^2*a^4*b^3*c*d^3 - 34*x*t*a^4*b^3*c*d^3 - 20/3*y*t*a^4*b^3*c*d^3 +
2/3*z*t*a^4*b^3*c*d^3 + 2/3*w*t*a^4*b^3*c*d^3 + 68/3*t^2*a^4*b^3*c*d^3 -
42*x^2*a^4*b^2*c^2*d^3 - 102*x*y*a^4*b^2*c^2*d^3 -
50*y^2*a^4*b^2*c^2*d^3 - 33*x*z*a^4*b^2*c^2*d^3 - 68*y*z*a^4*b^2*c^2*d^3
- 8*z^2*a^4*b^2*c^2*d^3 - 33*x*w*a^4*b^2*c^2*d^3 -
68*y*w*a^4*b^2*c^2*d^3 - 25*z*w*a^4*b^2*c^2*d^3 - 8*w^2*a^4*b^2*c^2*d^3
- 51*x*t*a^4*b^2*c^2*d^3 - 34*y*t*a^4*b^2*c^2*d^3 -
8*z*t*a^4*b^2*c^2*d^3 - 8*w*t*a^4*b^2*c^2*d^3 - 17*t^2*a^4*b^2*c^2*d^3 +
32*x^2*a^4*b*c^3*d^3 - 48*x*y*a^4*b*c^3*d^3 - 100/3*y^2*a^4*b*c^3*d^3 +
10*x*z*a^4*b*c^3*d^3 - 82/3*y*z*a^4*b*c^3*d^3 + 68/3*z^2*a^4*b*c^3*d^3 +
10*x*w*a^4*b*c^3*d^3 - 82/3*y*w*a^4*b*c^3*d^3 - 104/3*z*w*a^4*b*c^3*d^3
+ 68/3*w^2*a^4*b*c^3*d^3 + 54*x*t*a^4*b*c^3*d^3 - 62/3*y*t*a^4*b*c^3*d^3
+ 134/3*z*t*a^4*b*c^3*d^3 + 134/3*w*t*a^4*b*c^3*d^3 +
134/3*t^2*a^4*b*c^3*d^3 - 4*x^2*a^4*c^4*d^3 + 11*x*y*a^4*c^4*d^3 -
25/3*y^2*a^4*c^4*d^3 + 11*x*z*a^4*c^4*d^3 + 20/3*y*z*a^4*c^4*d^3 -
1/3*z^2*a^4*c^4*d^3 + 11*x*w*a^4*c^4*d^3 + 20/3*y*w*a^4*c^4*d^3 +
55/3*z*w*a^4*c^4*d^3 - 1/3*w^2*a^4*c^4*d^3 - 19*x*t*a^4*c^4*d^3 +
13/3*y*t*a^4*c^4*d^3 - 22/3*z*t*a^4*c^4*d^3 - 22/3*w*t*a^4*c^4*d^3 -
46/3*t^2*a^4*c^4*d^3 + 17*x^2*a^4*b^3*d^4 + 25*x*y*a^4*b^3*d^4 -
1/3*y^2*a^4*b^3*d^4 + 9*x*z*a^4*b^3*d^4 + 20/3*y*z*a^4*b^3*d^4 -
25/3*z^2*a^4*b^3*d^4 + 9*x*w*a^4*b^3*d^4 + 20/3*y*w*a^4*b^3*d^4 +
7/3*z*w*a^4*b^3*d^4 - 25/3*w^2*a^4*b^3*d^4 + 25*x*t*a^4*b^3*d^4 +
55/3*y*t*a^4*b^3*d^4 + 20/3*z*t*a^4*b^3*d^4 + 20/3*w*t*a^4*b^3*d^4 -
1/3*t^2*a^4*b^3*d^4 + 6*x^2*a^4*b^2*c*d^4 - y^2*a^4*b^2*c*d^4 +
27*x*z*a^4*b^2*c*d^4 + 11*y*z*a^4*b^2*c*d^4 + 5*z^2*a^4*b^2*c*d^4 +
27*x*w*a^4*b^2*c*d^4 + 11*y*w*a^4*b^2*c*d^4 + 43*z*w*a^4*b^2*c*d^4 +
5*w^2*a^4*b^2*c*d^4 - 15*x*t*a^4*b^2*c*d^4 - 11*y*t*a^4*b^2*c*d^4 -
16*z*t*a^4*b^2*c*d^4 - 16*w*t*a^4*b^2*c*d^4 - 16*t^2*a^4*b^2*c*d^4 +
69*x^2*a^4*b*c^2*d^4 + 33*x*y*a^4*b*c^2*d^4 - y^2*a^4*b*c^2*d^4 +
69*x*z*a^4*b*c^2*d^4 + 11*y*z*a^4*b*c^2*d^4 + 5*z^2*a^4*b*c^2*d^4 +
69*x*w*a^4*b*c^2*d^4 + 11*y*w*a^4*b*c^2*d^4 + 43*z*w*a^4*b*c^2*d^4 +
5*w^2*a^4*b*c^2*d^4 + 69*x*t*a^4*b*c^2*d^4 + 22*y*t*a^4*b*c^2*d^4 +
26*z*t*a^4*b*c^2*d^4 + 26*w*t*a^4*b*c^2*d^4 + 5*t^2*a^4*b*c^2*d^4 -
28*x^2*a^4*c^3*d^4 - 5*x*y*a^4*c^3*d^4 - 1/3*y^2*a^4*c^3*d^4 -
21*x*z*a^4*c^3*d^4 + 20/3*y*z*a^4*c^3*d^4 - 25/3*z^2*a^4*c^3*d^4 -
21*x*w*a^4*c^3*d^4 + 20/3*y*w*a^4*c^3*d^4 + 7/3*z*w*a^4*c^3*d^4 -
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25/3*w^2*a^4*c^3*d^4 - 35*x*t*a^4*c^3*d^4 - 35/3*y*t*a^4*c^3*d^4 -
70/3*z*t*a^4*c^3*d^4 - 70/3*w*t*a^4*c^3*d^4 - 46/3*t^2*a^4*c^3*d^4 -
15*x^2*a^4*b^2*d^5 - 6*x*y*a^4*b^2*d^5 + 10*y^2*a^4*b^2*d^5 -
24*x*z*a^4*b^2*d^5 + y*z*a^4*b^2*d^5 + z^2*a^4*b^2*d^5 -
24*x*w*a^4*b^2*d^5 + y*w*a^4*b^2*d^5 - 25*z*w*a^4*b^2*d^5 +
w^2*a^4*b^2*d^5 - 6*x*t*a^4*b^2*d^5 - 7*y*t*a^4*b^2*d^5 +
z*t*a^4*b^2*d^5 + w*t*a^4*b^2*d^5 + 10*t^2*a^4*b^2*d^5 +
24*x^2*a^4*b*c*d^5 + 30*x*y*a^4*b*c*d^5 + 20*y^2*a^4*b*c*d^5 +
30*x*z*a^4*b*c*d^5 + 20*y*z*a^4*b*c*d^5 - 10*z^2*a^4*b*c*d^5 +
30*x*w*a^4*b*c*d^5 + 20*y*w*a^4*b*c*d^5 + 40*z*w*a^4*b*c*d^5 -
10*w^2*a^4*b*c*d^5 + 18*x*t*a^4*b*c*d^5 + 10*y*t*a^4*b*c*d^5 -
10*z*t*a^4*b*c*d^5 - 10*w*t*a^4*b*c*d^5 - 16*t^2*a^4*b*c*d^5 -
15*x^2*a^4*c^2*d^5 + 9*x*y*a^4*c^2*d^5 + 10*y^2*a^4*c^2*d^5 -
24*x*z*a^4*c^2*d^5 + y*z*a^4*c^2*d^5 + z^2*a^4*c^2*d^5 -
24*x*w*a^4*c^2*d^5 + y*w*a^4*c^2*d^5 - 25*z*w*a^4*c^2*d^5 +
w^2*a^4*c^2*d^5 - 6*x*t*a^4*c^2*d^5 + 8*y*t*a^4*c^2*d^5 +
z*t*a^4*c^2*d^5 + w*t*a^4*c^2*d^5 + 10*t^2*a^4*c^2*d^5 -
11*x^2*a^4*b*d^6 - 12*x*y*a^4*b*d^6 + 4/3*y^2*a^4*b*d^6 -
10*x*z*a^4*b*d^6 - 5/3*y*z*a^4*b*d^6 + 7/3*z^2*a^4*b*d^6 -
10*x*w*a^4*b*d^6 - 5/3*y*w*a^4*b*d^6 - 25/3*z*w*a^4*b*d^6 +
7/3*w^2*a^4*b*d^6 - 12*x*t*a^4*b*d^6 - 31/3*y*t*a^4*b*d^6 -
5/3*z*t*a^4*b*d^6 - 5/3*w*t*a^4*b*d^6 + 4/3*t^2*a^4*b*d^6 +
x^2*a^4*c*d^6 + 7*x*y*a^4*c*d^6 + 4/3*y^2*a^4*c*d^6 - 2*x*z*a^4*c*d^6 -
5/3*y*z*a^4*c*d^6 + 7/3*z^2*a^4*c*d^6 - 2*x*w*a^4*c*d^6 -
5/3*y*w*a^4*c*d^6 - 25/3*z*w*a^4*c*d^6 + 7/3*w^2*a^4*c*d^6 +
4*x*t*a^4*c*d^6 + 26/3*y*t*a^4*c*d^6 + 19/3*z*t*a^4*c*d^6 +
19/3*w*t*a^4*c*d^6 + 16/3*t^2*a^4*c*d^6 + x^2*a^4*d^7 - x*y*a^4*d^7 -
8/3*y^2*a^4*d^7 + 3*x*z*a^4*d^7 - 2/3*y*z*a^4*d^7 - 2/3*z^2*a^4*d^7 +
3*x*w*a^4*d^7 - 2/3*y*w*a^4*d^7 + 11/3*z*w*a^4*d^7 - 2/3*w^2*a^4*d^7 -
x*t*a^4*d^7 - 1/3*y*t*a^4*d^7 - 2/3*z*t*a^4*d^7 - 2/3*w*t*a^4*d^7 -
8/3*t^2*a^4*d^7 + x^2*a^4*b^6 - 2*x*y*a^4*b^6 + 7/3*y^2*a^4*b^6 +
4*x*z*a^4*b^6 + 19/3*y*z*a^4*b^6 + 16/3*z^2*a^4*b^6 + 7*x*w*a^4*b^6 -
5/3*y*w*a^4*b^6 + 26/3*z*w*a^4*b^6 + 4/3*w^2*a^4*b^6 - 2*x*t*a^4*b^6 -
25/3*y*t*a^4*b^6 + 19/3*z*t*a^4*b^6 - 5/3*w*t*a^4*b^6 + 7/3*t^2*a^4*b^6
+ 30*x*y*a^4*b^5*c + 14*y^2*a^4*b^5*c + 20*y*z*a^4*b^5*c -
10*z^2*a^4*b^5*c - 30*x*w*a^4*b^5*c + 8*y*w*a^4*b^5*c - 20*z*w*a^4*b^5*c
- 16*w^2*a^4*b^5*c + 10*y*t*a^4*b^5*c - 40*z*t*a^4*b^5*c -
10*w*t*a^4*b^5*c - 10*t^2*a^4*b^5*c + 30*x^2*a^4*b^4*c^2 +
81*x*y*a^4*b^4*c^2 + 35*y^2*a^4*b^4*c^2 + 18*x*z*a^4*b^4*c^2 +
23*y*z*a^4*b^4*c^2 - 7*z^2*a^4*b^4*c^2 + 30*x*w*a^4*b^4*c^2 +
47*y*w*a^4*b^4*c^2 + 4*z*w*a^4*b^4*c^2 + 5*w^2*a^4*b^4*c^2 +
42*x*t*a^4*b^4*c^2 + 58*y*t*a^4*b^4*c^2 - z*t*a^4*b^4*c^2 +
26*w*t*a^4*b^4*c^2 + 5*t^2*a^4*b^4*c^2 + 32*x^2*a^4*b^3*c^3 +
56*x*y*a^4*b^3*c^3 + 140/3*y^2*a^4*b^3*c^3 + 26*x*z*a^4*b^3*c^3 +
56/3*y*z*a^4*b^3*c^3 + 50/3*z^2*a^4*b^3*c^3 + 110*x*w*a^4*b^3*c^3 +
224/3*y*w*a^4*b^3*c^3 + 196/3*z*w*a^4*b^3*c^3 + 134/3*w^2*a^4*b^3*c^3 +
38*x*t*a^4*b^3*c^3 + 112/3*y*t*a^4*b^3*c^3 + 218/3*z*t*a^4*b^3*c^3 +
134/3*w*t*a^4*b^3*c^3 + 68/3*t^2*a^4*b^3*c^3 - 18*x^2*a^4*b^2*c^4 +
12*x*y*a^4*b^2*c^4 + 35*y^2*a^4*b^2*c^4 - 9*x*z*a^4*b^2*c^4 +
23*y*z*a^4*b^2*c^4 - 7*z^2*a^4*b^2*c^4 - 12*x*w*a^4*b^2*c^4 +
47*y*w*a^4*b^2*c^4 + 4*z*w*a^4*b^2*c^4 + 5*w^2*a^4*b^2*c^4 -
27*x*t*a^4*b^2*c^4 - 11*y*t*a^4*b^2*c^4 - 28*z*t*a^4*b^2*c^4 -
16*w*t*a^4*b^2*c^4 - 16*t^2*a^4*b^2*c^4 - 6*x^2*a^4*b*c^5 +
18*x*y*a^4*b*c^5 + 14*y^2*a^4*b*c^5 + 20*y*z*a^4*b*c^5 -
10*z^2*a^4*b*c^5 - 42*x*w*a^4*b*c^5 + 8*y*w*a^4*b*c^5 - 20*z*w*a^4*b*c^5
- 16*w^2*a^4*b*c^5 - 12*x*t*a^4*b*c^5 - 2*y*t*a^4*b*c^5 -
40*z*t*a^4*b*c^5 - 22*w*t*a^4*b*c^5 - 16*t^2*a^4*b*c^5 + 13*x^2*a^4*c^6
+ 13*x*y*a^4*c^6 + 7/3*y^2*a^4*c^6 + 13*x*z*a^4*c^6 + 19/3*y*z*a^4*c^6 +
16/3*z^2*a^4*c^6 + 13*x*w*a^4*c^6 - 5/3*y*w*a^4*c^6 + 26/3*z*w*a^4*c^6 +
4/3*w^2*a^4*c^6 + 13*x*t*a^4*c^6 + 20/3*y*t*a^4*c^6 + 46/3*z*t*a^4*c^6 +
13/3*w*t*a^4*c^6 + 16/3*t^2*a^4*c^6 + 24*x^2*a^4*b^5*d +
30*x*y*a^4*b^5*d - 10*y^2*a^4*b^5*d + 18*x*z*a^4*b^5*d -
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10*y*z*a^4*b^5*d - 16*z^2*a^4*b^5*d + 30*x*w*a^4*b^5*d +
20*y*w*a^4*b^5*d + 10*z*w*a^4*b^5*d + 20*w^2*a^4*b^5*d +
30*x*t*a^4*b^5*d + 40*y*t*a^4*b^5*d - 10*z*t*a^4*b^5*d +
20*w*t*a^4*b^5*d - 10*t^2*a^4*b^5*d - 90*x^2*a^4*b^4*c*d -
108*x*y*a^4*b^4*c*d - 50*y^2*a^4*b^4*c*d - 63*x*z*a^4*b^4*c*d -
50*y*z*a^4*b^4*c*d + 67*z^2*a^4*b^4*c*d - 72*x*w*a^4*b^4*c*d -
26*y*w*a^4*b^4*c*d - 13*z*w*a^4*b^4*c*d - 32*w^2*a^4*b^4*c*d -
117*x*t*a^4*b^4*c*d - 58*y*t*a^4*b^4*c*d + 139*z*t*a^4*b^4*c*d -
59*w*t*a^4*b^4*c*d + 40*t^2*a^4*b^4*c*d - 96*x^2*a^4*b^3*c^2*d -
264*x*y*a^4*b^3*c^2*d - 100*y^2*a^4*b^3*c^2*d - 93*x*z*a^4*b^3*c^2*d -
100*y*z*a^4*b^3*c^2*d - 43*z^2*a^4*b^3*c^2*d - 150*x*w*a^4*b^3*c^2*d -
178*y*w*a^4*b^3*c^2*d - 89*z*w*a^4*b^3*c^2*d - 34*w^2*a^4*b^3*c^2*d -
99*x*t*a^4*b^3*c^2*d - 164*y*t*a^4*b^3*c^2*d - 157*z*t*a^4*b^3*c^2*d -
61*w*t*a^4*b^3*c^2*d - 46*t^2*a^4*b^3*c^2*d + 6*x^2*a^4*b^2*c^3*d -
114*x*y*a^4*b^2*c^3*d - 100*y^2*a^4*b^2*c^3*d - 18*x*z*a^4*b^2*c^3*d -
100*y*z*a^4*b^2*c^3*d - 43*z^2*a^4*b^2*c^3*d - 96*x*w*a^4*b^2*c^3*d -
178*y*w*a^4*b^2*c^3*d - 89*z*w*a^4*b^2*c^3*d - 34*w^2*a^4*b^2*c^3*d +
30*x*t*a^4*b^2*c^3*d - 14*y*t*a^4*b^2*c^3*d - 82*z*t*a^4*b^2*c^3*d -
7*w*t*a^4*b^2*c^3*d - 19*t^2*a^4*b^2*c^3*d - 18*x^2*a^4*b*c^4*d -
18*x*y*a^4*b*c^4*d - 50*y^2*a^4*b*c^4*d - 18*x*z*a^4*b*c^4*d -
50*y*z*a^4*b*c^4*d + 67*z^2*a^4*b*c^4*d - 18*x*w*a^4*b*c^4*d -
26*y*w*a^4*b*c^4*d - 13*z*w*a^4*b*c^4*d - 32*w^2*a^4*b*c^4*d -
18*x*t*a^4*b*c^4*d + 32*y*t*a^4*b*c^4*d + 184*z*t*a^4*b*c^4*d -
5*w*t*a^4*b*c^4*d + 67*t^2*a^4*b*c^4*d - 6*x^2*a^4*c^5*d -
30*x*y*a^4*c^5*d - 10*y^2*a^4*c^5*d - 12*x*z*a^4*c^5*d -
10*y*z*a^4*c^5*d - 16*z^2*a^4*c^5*d + 30*x*w*a^4*c^5*d +
20*y*w*a^4*c^5*d + 10*z*w*a^4*c^5*d + 20*w^2*a^4*c^5*d -
20*y*t*a^4*c^5*d - 40*z*t*a^4*c^5*d + 20*w*t*a^4*c^5*d -
10*t^2*a^4*c^5*d + 6*x^2*a^4*b^4*d^2 + 27*x*y*a^4*b^4*d^2 +
5*y^2*a^4*b^4*d^2 - 15*x*z*a^4*b^4*d^2 - 16*y*z*a^4*b^4*d^2 -
16*z^2*a^4*b^4*d^2 + 11*y*w*a^4*b^4*d^2 - 11*z*w*a^4*b^4*d^2 -
w^2*a^4*b^4*d^2 + 27*x*t*a^4*b^4*d^2 + 43*y*t*a^4*b^4*d^2 -
16*z*t*a^4*b^4*d^2 + 11*w*t*a^4*b^4*d^2 + 5*t^2*a^4*b^4*d^2 +
54*x^2*a^4*b^3*c*d^2 + 6*x*y*a^4*b^3*c*d^2 + 20*y^2*a^4*b^3*c*d^2 +
81*x*z*a^4*b^3*c*d^2 + 44*y*z*a^4*b^3*c*d^2 - 19*z^2*a^4*b^3*c*d^2 +
102*x*w*a^4*b^3*c*d^2 + 44*y*w*a^4*b^3*c*d^2 + 37*z*w*a^4*b^3*c*d^2 +
68*w^2*a^4*b^3*c*d^2 + 27*x*t*a^4*b^3*c*d^2 - 38*y*t*a^4*b^3*c*d^2 -
31*z*t*a^4*b^3*c*d^2 + 65*w*t*a^4*b^3*c*d^2 - 46*t^2*a^4*b^3*c*d^2 +
153*x^2*a^4*b^2*c^2*d^2 + 153*x*y*a^4*b^2*c^2*d^2 +
30*y^2*a^4*b^2*c^2*d^2 + 153*x*z*a^4*b^2*c^2*d^2 +
120*y*z*a^4*b^2*c^2*d^2 + 75*z^2*a^4*b^2*c^2*d^2 +
153*x*w*a^4*b^2*c^2*d^2 + 66*y*w*a^4*b^2*c^2*d^2 +
177*z*w*a^4*b^2*c^2*d^2 - 24*w^2*a^4*b^2*c^2*d^2 +
153*x*t*a^4*b^2*c^2*d^2 + 33*y*t*a^4*b^2*c^2*d^2 +
174*z*t*a^4*b^2*c^2*d^2 - 24*w*t*a^4*b^2*c^2*d^2 +
75*t^2*a^4*b^2*c^2*d^2 + 6*x^2*a^4*b*c^3*d^2 + 126*x*y*a^4*b*c^3*d^2 +
20*y^2*a^4*b*c^3*d^2 + 30*x*z*a^4*b*c^3*d^2 + 44*y*z*a^4*b*c^3*d^2 -
19*z^2*a^4*b*c^3*d^2 + 108*x*w*a^4*b*c^3*d^2 + 44*y*w*a^4*b*c^3*d^2 +
37*z*w*a^4*b*c^3*d^2 + 68*w^2*a^4*b*c^3*d^2 - 18*x*t*a^4*b*c^3*d^2 +
82*y*t*a^4*b*c^3*d^2 - 82*z*t*a^4*b*c^3*d^2 + 71*w*t*a^4*b*c^3*d^2 -
43*t^2*a^4*b*c^3*d^2 - 18*x^2*a^4*c^4*d^2 - 48*x*y*a^4*c^4*d^2 +
5*y^2*a^4*c^4*d^2 - 27*x*z*a^4*c^4*d^2 - 16*y*z*a^4*c^4*d^2 -
16*z^2*a^4*c^4*d^2 - 24*x*w*a^4*c^4*d^2 + 11*y*w*a^4*c^4*d^2 -
11*z*w*a^4*c^4*d^2 - w^2*a^4*c^4*d^2 - 9*x*t*a^4*c^4*d^2 -
32*y*t*a^4*c^4*d^2 - 28*z*t*a^4*c^4*d^2 - 13*w*t*a^4*c^4*d^2 -
7*t^2*a^4*c^4*d^2 - 34*x^2*a^4*b^3*d^3 - 34*x*y*a^4*b^3*d^3 +
68/3*y^2*a^4*b^3*d^3 - 34*x*z*a^4*b^3*d^3 + 2/3*y*z*a^4*b^3*d^3 +
68/3*z^2*a^4*b^3*d^3 - 34*x*w*a^4*b^3*d^3 - 82/3*y*w*a^4*b^3*d^3 -
20/3*z*w*a^4*b^3*d^3 - 100/3*w^2*a^4*b^3*d^3 - 34*x*t*a^4*b^3*d^3 -
104/3*y*t*a^4*b^3*d^3 + 2/3*z*t*a^4*b^3*d^3 - 82/3*w*t*a^4*b^3*d^3 +
68/3*t^2*a^4*b^3*d^3 + 54*x^2*a^4*b^2*c*d^3 + 102*x*y*a^4*b^2*c*d^3 +
68*y^2*a^4*b^2*c*d^3 + 27*x*z*a^4*b^2*c*d^3 + 65*y*z*a^4*b^2*c*d^3 -
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46*z^2*a^4*b^2*c*d^3 + 6*x*w*a^4*b^2*c*d^3 + 44*y*w*a^4*b^2*c*d^3 -
38*z*w*a^4*b^2*c*d^3 + 20*w^2*a^4*b^2*c*d^3 + 81*x*t*a^4*b^2*c*d^3 +
37*y*t*a^4*b^2*c*d^3 - 31*z*t*a^4*b^2*c*d^3 + 44*w*t*a^4*b^2*c*d^3 -
19*t^2*a^4*b^2*c*d^3 - 96*x^2*a^4*b*c^2*d^3 + 72*x*y*a^4*b*c^2*d^3 +
68*y^2*a^4*b*c^2*d^3 - 99*x*z*a^4*b*c^2*d^3 + 65*y*z*a^4*b*c^2*d^3 -
46*z^2*a^4*b*c^2*d^3 - 42*x*w*a^4*b*c^2*d^3 + 44*y*w*a^4*b*c^2*d^3 -
38*z*w*a^4*b*c^2*d^3 + 20*w^2*a^4*b*c^2*d^3 - 93*x*t*a^4*b*c^2*d^3 +
7*y*t*a^4*b*c^2*d^3 - 157*z*t*a^4*b*c^2*d^3 - 4*w*t*a^4*b*c^2*d^3 -
43*t^2*a^4*b*c^2*d^3 + 32*x^2*a^4*c^3*d^3 + 8*x*y*a^4*c^3*d^3 +
68/3*y^2*a^4*c^3*d^3 + 38*x*z*a^4*c^3*d^3 + 2/3*y*z*a^4*c^3*d^3 +
68/3*z^2*a^4*c^3*d^3 - 46*x*w*a^4*c^3*d^3 - 82/3*y*w*a^4*c^3*d^3 -
20/3*z*w*a^4*c^3*d^3 - 100/3*w^2*a^4*c^3*d^3 + 26*x*t*a^4*c^3*d^3 +
22/3*y*t*a^4*c^3*d^3 + 218/3*z*t*a^4*c^3*d^3 - 118/3*w*t*a^4*c^3*d^3 +
50/3*t^2*a^4*c^3*d^3 + 6*x^2*a^4*b^2*d^4 - 15*x*y*a^4*b^2*d^4 -
16*y^2*a^4*b^2*d^4 + 27*x*z*a^4*b^2*d^4 - 16*y*z*a^4*b^2*d^4 +
5*z^2*a^4*b^2*d^4 + 12*x*w*a^4*b^2*d^4 - 4*y*w*a^4*b^2*d^4 +
16*z*w*a^4*b^2*d^4 + 5*w^2*a^4*b^2*d^4 - 15*x*t*a^4*b^2*d^4 +
y*t*a^4*b^2*d^4 - 16*z*t*a^4*b^2*d^4 - 4*w*t*a^4*b^2*d^4 -
16*t^2*a^4*b^2*d^4 - 90*x^2*a^4*b*c*d^4 - 72*x*y*a^4*b*c*d^4 -
32*y^2*a^4*b*c*d^4 - 117*x*z*a^4*b*c*d^4 - 59*y*z*a^4*b*c*d^4 +
40*z^2*a^4*b*c*d^4 - 108*x*w*a^4*b*c*d^4 - 26*y*w*a^4*b*c*d^4 -
58*z*w*a^4*b*c*d^4 - 50*w^2*a^4*b*c*d^4 - 63*x*t*a^4*b*c*d^4 -
13*y*t*a^4*b*c*d^4 + 139*z*t*a^4*b*c*d^4 - 50*w*t*a^4*b*c*d^4 +
67*t^2*a^4*b*c*d^4 + 30*x^2*a^4*c^2*d^4 - 21*x*y*a^4*c^2*d^4 -
16*y^2*a^4*c^2*d^4 + 42*x*z*a^4*c^2*d^4 - 16*y*z*a^4*c^2*d^4 +
5*z^2*a^4*c^2*d^4 + 30*x*w*a^4*c^2*d^4 - 4*y*w*a^4*c^2*d^4 +
16*z*w*a^4*c^2*d^4 + 5*w^2*a^4*c^2*d^4 + 18*x*t*a^4*c^2*d^4 -
5*y*t*a^4*c^2*d^4 - z*t*a^4*c^2*d^4 + 14*w*t*a^4*c^2*d^4 -
7*t^2*a^4*c^2*d^4 + 24*x^2*a^4*b*d^5 + 18*x*y*a^4*b*d^5 -
16*y^2*a^4*b*d^5 + 30*x*z*a^4*b*d^5 - 10*y*z*a^4*b*d^5 -
10*z^2*a^4*b*d^5 + 18*x*w*a^4*b*d^5 + 8*y*w*a^4*b*d^5 + 10*z*w*a^4*b*d^5
+ 14*w^2*a^4*b*d^5 + 18*x*t*a^4*b*d^5 + 28*y*t*a^4*b*d^5 -
10*z*t*a^4*b*d^5 + 8*w*t*a^4*b*d^5 - 16*t^2*a^4*b*d^5 - 30*x*y*a^4*c*d^5
- 16*y^2*a^4*c*d^5 - 10*y*z*a^4*c*d^5 - 10*z^2*a^4*c*d^5 +
30*x*w*a^4*c*d^5 + 8*y*w*a^4*c*d^5 + 10*z*w*a^4*c*d^5 + 14*w^2*a^4*c*d^5
- 20*y*t*a^4*c*d^5 - 40*z*t*a^4*c*d^5 + 20*w*t*a^4*c*d^5 -
10*t^2*a^4*c*d^5 + x^2*a^4*d^6 + 4*x*y*a^4*d^6 + 16/3*y^2*a^4*d^6 -
2*x*z*a^4*d^6 + 19/3*y*z*a^4*d^6 + 7/3*z^2*a^4*d^6 - 5*x*w*a^4*d^6 -
14/3*y*w*a^4*d^6 - 1/3*z*w*a^4*d^6 - 14/3*w^2*a^4*d^6 + 4*x*t*a^4*d^6 -
7/3*y*t*a^4*d^6 + 19/3*z*t*a^4*d^6 - 14/3*w*t*a^4*d^6 + 16/3*t^2*a^4*d^6
- 15*x^2*a^4*b^5 - 24*x*y*a^4*b^5 + y^2*a^4*b^5 - 6*x*z*a^4*b^5 +
y*z*a^4*b^5 + 10*z^2*a^4*b^5 + 9*x*w*a^4*b^5 + y*w*a^4*b^5 +
8*z*w*a^4*b^5 + 10*w^2*a^4*b^5 - 24*x*t*a^4*b^5 - 25*y*t*a^4*b^5 +
z*t*a^4*b^5 + w*t*a^4*b^5 + t^2*a^4*b^5 + 9*x^2*a^3*b^6 + 17*x*y*a^3*b^6
+ 4*x*z*a^3*b^6 - 12*z^2*a^3*b^6 + 4*x*w*a^3*b^6 + 15*z*w*a^3*b^6 -
12*w^2*a^3*b^6 + 17*x*t*a^3*b^6 + 9*y*t*a^3*b^6 + 30*x^2*a^4*b^4*c +
30*x*y*a^4*b^4*c + 5*y^2*a^4*b^4*c + 18*x*z*a^4*b^4*c + 14*y*z*a^4*b^4*c
- 7*z^2*a^4*b^4*c - 21*x*w*a^4*b^4*c - 4*y*w*a^4*b^4*c - 5*z*w*a^4*b^4*c
- 16*w^2*a^4*b^4*c + 42*x*t*a^4*b^4*c + 16*y*t*a^4*b^4*c - z*t*a^4*b^4*c
- 16*w*t*a^4*b^4*c + 5*t^2*a^4*b^4*c + 6*x^2*a^3*b^5*c +
30*x*y*a^3*b^5*c - 6*x*z*a^3*b^5*c + 6*z^2*a^3*b^5*c - 6*x*w*a^3*b^5*c -
54*z*w*a^3*b^5*c + 6*w^2*a^3*b^5*c - 12*x*t*a^3*b^5*c + 18*y*t*a^3*b^5*c
- 12*z*t*a^3*b^5*c - 12*w*t*a^3*b^5*c - 6*t^2*a^3*b^5*c +
45*x^2*a^4*b^3*c^2 + 72*x*y*a^4*b^3*c^2 + 10*y^2*a^4*b^3*c^2 +
63*x*z*a^4*b^3*c^2 + 37*y*z*a^4*b^3*c^2 + 10*z^2*a^4*b^3*c^2 +
18*x*w*a^4*b^3*c^2 - 17*y*w*a^4*b^3*c^2 + 26*z*w*a^4*b^3*c^2 -
17*w^2*a^4*b^3*c^2 + 27*x*t*a^4*b^3*c^2 + 35*y*t*a^4*b^3*c^2 +
52*z*t*a^4*b^3*c^2 - 8*w*t*a^4*b^3*c^2 - 8*t^2*a^4*b^3*c^2 -
15*x^2*a^3*b^4*c^2 - 33*x*y*a^3*b^4*c^2 + 18*x*z*a^3*b^4*c^2 +
48*z^2*a^3*b^4*c^2 + 18*x*w*a^3*b^4*c^2 - 27*z*w*a^3*b^4*c^2 +
48*w^2*a^3*b^4*c^2 - 36*x*t*a^3*b^4*c^2 - 9*y*t*a^3*b^4*c^2 +
30*z*t*a^3*b^4*c^2 + 30*w*t*a^3*b^4*c^2 + 15*t^2*a^3*b^4*c^2 -
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33*x^2*a^4*b^2*c^3 - 15*x*y*a^4*b^2*c^3 + 10*y^2*a^4*b^2*c^3 -
6*x*z*a^4*b^2*c^3 + 37*y*z*a^4*b^2*c^3 + 10*z^2*a^4*b^2*c^3 -
17*y*w*a^4*b^2*c^3 + 26*z*w*a^4*b^2*c^3 - 17*w^2*a^4*b^2*c^3 -
60*x*t*a^4*b^2*c^3 - 52*y*t*a^4*b^2*c^3 - 17*z*t*a^4*b^2*c^3 -
26*w*t*a^4*b^2*c^3 - 17*t^2*a^4*b^2*c^3 - 48*x^2*a^3*b^3*c^3 -
92*x*y*a^3*b^3*c^3 - 4*x*z*a^3*b^3*c^3 - 4*x*w*a^3*b^3*c^3 +
84*z*w*a^3*b^3*c^3 - 8*x*t*a^3*b^3*c^3 - 36*y*t*a^3*b^3*c^3 +
24*z*t*a^3*b^3*c^3 + 24*w*t*a^3*b^3*c^3 + 12*t^2*a^3*b^3*c^3 -
6*x^2*a^4*b*c^4 - 6*x*y*a^4*b*c^4 + 5*y^2*a^4*b*c^4 - 18*x*z*a^4*b*c^4 +
14*y*z*a^4*b*c^4 - 7*z^2*a^4*b*c^4 - 21*x*w*a^4*b*c^4 - 4*y*w*a^4*b*c^4
- 5*z*w*a^4*b*c^4 - 16*w^2*a^4*b*c^4 + 6*x*t*a^4*b*c^4 -
20*y*t*a^4*b*c^4 - 37*z*t*a^4*b*c^4 - 16*w*t*a^4*b*c^4 + 5*t^2*a^4*b*c^4
- 48*x^2*a^3*b^2*c^4 - 33*x*y*a^3*b^2*c^4 - 78*x*z*a^3*b^2*c^4 -
48*z^2*a^3*b^2*c^4 - 78*x*w*a^3*b^2*c^4 - 27*z*w*a^3*b^2*c^4 -
48*w^2*a^3*b^2*c^4 - 21*x*t*a^3*b^2*c^4 - 9*y*t*a^3*b^2*c^4 -
66*z*t*a^3*b^2*c^4 - 66*w*t*a^3*b^2*c^4 - 33*t^2*a^3*b^2*c^4 +
27*x^2*a^4*c^5 + 27*x*y*a^4*c^5 + y^2*a^4*c^5 + 27*x*z*a^4*c^5 +
y*z*a^4*c^5 + 10*z^2*a^4*c^5 + 27*x*w*a^4*c^5 + y*w*a^4*c^5 +
8*z*w*a^4*c^5 + 10*w^2*a^4*c^5 + 27*x*t*a^4*c^5 + 26*y*t*a^4*c^5 +
34*z*t*a^4*c^5 + 19*w*t*a^4*c^5 + 10*t^2*a^4*c^5 + 12*x^2*a^3*b*c^5 +
30*x*y*a^3*b*c^5 - 18*x*z*a^3*b*c^5 - 6*z^2*a^3*b*c^5 - 18*x*w*a^3*b*c^5
- 54*z*w*a^3*b*c^5 - 6*w^2*a^3*b*c^5 + 18*y*t*a^3*b*c^5 -
24*z*t*a^3*b*c^5 - 24*w*t*a^3*b*c^5 - 12*t^2*a^3*b*c^5 + 24*x^2*a^3*c^6
+ 17*x*y*a^3*c^6 + 28*x*z*a^3*c^6 + 12*z^2*a^3*c^6 + 28*x*w*a^3*c^6 +
15*z*w*a^3*c^6 + 12*w^2*a^3*c^6 + 20*x*t*a^3*c^6 + 9*y*t*a^3*c^6 +
24*z*t*a^3*c^6 + 24*w*t*a^3*c^6 + 12*t^2*a^3*c^6 + 69*x^2*a^4*b^4*d +
69*x*y*a^4*b^4*d + 5*y^2*a^4*b^4*d + 69*x*z*a^4*b^4*d + 26*y*z*a^4*b^4*d
+ 5*z^2*a^4*b^4*d + 33*x*w*a^4*b^4*d + 11*y*w*a^4*b^4*d +
22*z*w*a^4*b^4*d - w^2*a^4*b^4*d + 69*x*t*a^4*b^4*d + 43*y*t*a^4*b^4*d +
26*z*t*a^4*b^4*d + 11*w*t*a^4*b^4*d + 5*t^2*a^4*b^4*d - 18*x^2*a^3*b^5*d
- 6*y^2*a^3*b^5*d - 24*x*z*a^3*b^5*d + 12*z^2*a^3*b^5*d -
24*x*w*a^3*b^5*d - 42*z*w*a^3*b^5*d + 12*w^2*a^3*b^5*d +
30*y*t*a^3*b^5*d - 6*t^2*a^3*b^5*d - 96*x^2*a^4*b^3*c*d -
42*x*y*a^4*b^3*c*d + 20*y^2*a^4*b^3*c*d - 93*x*z*a^4*b^3*c*d -
4*y*z*a^4*b^3*c*d - 43*z^2*a^4*b^3*c*d + 72*x*w*a^4*b^3*c*d +
44*y*w*a^4*b^3*c*d + 7*z*w*a^4*b^3*c*d + 68*w^2*a^4*b^3*c*d -
99*x*t*a^4*b^3*c*d - 38*y*t*a^4*b^3*c*d - 157*z*t*a^4*b^3*c*d +
65*w*t*a^4*b^3*c*d - 46*t^2*a^4*b^3*c*d - 60*x^2*a^3*b^4*c*d -
126*x*y*a^3*b^4*c*d - 30*y^2*a^3*b^4*c*d - 45*x*z*a^3*b^4*c*d -
36*y*z*a^3*b^4*c*d - 45*z^2*a^3*b^4*c*d - 45*x*w*a^3*b^4*c*d -
36*y*w*a^3*b^4*c*d + 114*z*w*a^3*b^4*c*d - 45*w^2*a^3*b^4*c*d -
84*x*t*a^3*b^4*c*d - 66*y*t*a^3*b^4*c*d + 30*z*t*a^3*b^4*c*d +
30*w*t*a^3*b^4*c*d + 30*t^2*a^3*b^4*c*d - 81*x^2*a^4*b^2*c^2*d -
27*x*y*a^4*b^2*c^2*d + 30*y^2*a^4*b^2*c^2*d - 171*x*z*a^4*b^2*c^2*d -
60*y*z*a^4*b^2*c^2*d - 15*z^2*a^4*b^2*c^2*d - 135*x*w*a^4*b^2*c^2*d +
66*y*w*a^4*b^2*c^2*d - 111*z*w*a^4*b^2*c^2*d - 24*w^2*a^4*b^2*c^2*d +
9*x*t*a^4*b^2*c^2*d + 33*y*t*a^4*b^2*c^2*d + 30*z*t*a^4*b^2*c^2*d -
24*w*t*a^4*b^2*c^2*d + 75*t^2*a^4*b^2*c^2*d + 84*x^2*a^3*b^3*c^2*d -
108*x*y*a^3*b^3*c^2*d - 60*y^2*a^3*b^3*c^2*d + 33*x*z*a^3*b^3*c^2*d -
90*y*z*a^3*b^3*c^2*d - 57*z^2*a^3*b^3*c^2*d + 33*x*w*a^3*b^3*c^2*d -
90*y*w*a^3*b^3*c^2*d - 6*z*w*a^3*b^3*c^2*d - 57*w^2*a^3*b^3*c^2*d +
78*x*t*a^3*b^3*c^2*d - 96*y*t*a^3*b^3*c^2*d - 114*z*t*a^3*b^3*c^2*d -
114*w*t*a^3*b^3*c^2*d - 72*t^2*a^3*b^3*c^2*d + 78*x^2*a^4*b*c^3*d +
78*x*y*a^4*b*c^3*d + 20*y^2*a^4*b*c^3*d + 78*x*z*a^4*b*c^3*d -
4*y*z*a^4*b*c^3*d - 43*z^2*a^4*b*c^3*d + 78*x*w*a^4*b*c^3*d +
44*y*w*a^4*b*c^3*d + 7*z*w*a^4*b*c^3*d + 68*w^2*a^4*b*c^3*d +
78*x*t*a^4*b*c^3*d + 82*y*t*a^4*b*c^3*d + 14*z*t*a^4*b*c^3*d +
71*w*t*a^4*b*c^3*d - 43*t^2*a^4*b*c^3*d + 108*x^2*a^3*b^2*c^3*d +
108*x*y*a^3*b^2*c^3*d - 60*y^2*a^3*b^2*c^3*d + 48*x*z*a^3*b^2*c^3*d -
54*y*z*a^3*b^2*c^3*d + 57*z^2*a^3*b^2*c^3*d + 48*x*w*a^3*b^2*c^3*d -
54*y*w*a^3*b^2*c^3*d - 150*z*w*a^3*b^2*c^3*d + 57*w^2*a^3*b^2*c^3*d +
90*x*t*a^3*b^2*c^3*d + 84*y*t*a^3*b^2*c^3*d + 45*z*t*a^3*b^2*c^3*d +
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45*w*t*a^3*b^2*c^3*d + 30*t^2*a^3*b^2*c^3*d - 6*x^2*a^4*c^4*d -
6*x*y*a^4*c^4*d + 5*y^2*a^4*c^4*d + 6*x*z*a^4*c^4*d + 26*y*z*a^4*c^4*d +
5*z^2*a^4*c^4*d + 9*x*w*a^4*c^4*d + 11*y*w*a^4*c^4*d + 22*z*w*a^4*c^4*d
- w^2*a^4*c^4*d - 18*x*t*a^4*c^4*d - 32*y*t*a^4*c^4*d - 37*z*t*a^4*c^4*d
- 13*w*t*a^4*c^4*d - 7*t^2*a^4*c^4*d - 24*x^2*a^3*b*c^4*d +
36*x*y*a^3*b*c^4*d - 30*y^2*a^3*b*c^4*d + 18*x*z*a^3*b*c^4*d +
18*y*z*a^3*b*c^4*d + 45*z^2*a^3*b*c^4*d + 18*x*w*a^3*b*c^4*d +
18*y*w*a^3*b*c^4*d + 60*z*w*a^3*b*c^4*d + 45*w^2*a^3*b*c^4*d -
66*x*t*a^3*b*c^4*d + 42*y*t*a^3*b*c^4*d + 147*z*t*a^3*b*c^4*d +
147*w*t*a^3*b*c^4*d + 102*t^2*a^3*b*c^4*d - 6*x^2*a^3*c^5*d -
54*x*y*a^3*c^5*d - 6*y^2*a^3*c^5*d + 24*x*z*a^3*c^5*d + 18*y*z*a^3*c^5*d
- 12*z^2*a^3*c^5*d + 24*x*w*a^3*c^5*d + 18*y*w*a^3*c^5*d +
48*z*w*a^3*c^5*d - 12*w^2*a^3*c^5*d + 6*x*t*a^3*c^5*d - 42*y*t*a^3*c^5*d
- 42*z*t*a^3*c^5*d - 42*w*t*a^3*c^5*d - 36*t^2*a^3*c^5*d -
42*x^2*a^4*b^3*d^2 - 33*x*y*a^4*b^3*d^2 - 8*y^2*a^4*b^3*d^2 -
51*x*z*a^4*b^3*d^2 - 8*y*z*a^4*b^3*d^2 - 17*z^2*a^4*b^3*d^2 -
102*x*w*a^4*b^3*d^2 - 68*y*w*a^4*b^3*d^2 - 34*z*w*a^4*b^3*d^2 -
50*w^2*a^4*b^3*d^2 - 33*x*t*a^4*b^3*d^2 - 25*y*t*a^4*b^3*d^2 -
8*z*t*a^4*b^3*d^2 - 68*w*t*a^4*b^3*d^2 - 8*t^2*a^4*b^3*d^2 -
63*x^2*a^3*b^4*d^2 - 66*x*y*a^3*b^4*d^2 + 15*y^2*a^3*b^4*d^2 -
45*x*z*a^3*b^4*d^2 + 33*z^2*a^3*b^4*d^2 - 45*x*w*a^3*b^4*d^2 -
57*z*w*a^3*b^4*d^2 + 33*w^2*a^3*b^4*d^2 - 66*x*t*a^3*b^4*d^2 -
39*y*t*a^3*b^4*d^2 + 15*t^2*a^3*b^4*d^2 + 153*x^2*a^4*b^2*c*d^2 +
153*x*y*a^4*b^2*c*d^2 - 24*y^2*a^4*b^2*c*d^2 + 153*x*z*a^4*b^2*c*d^2 -
24*y*z*a^4*b^2*c*d^2 + 75*z^2*a^4*b^2*c*d^2 + 153*x*w*a^4*b^2*c*d^2 +
66*y*w*a^4*b^2*c*d^2 + 33*z*w*a^4*b^2*c*d^2 + 30*w^2*a^4*b^2*c*d^2 +
153*x*t*a^4*b^2*c*d^2 + 177*y*t*a^4*b^2*c*d^2 + 174*z*t*a^4*b^2*c*d^2 +
120*w*t*a^4*b^2*c*d^2 + 75*t^2*a^4*b^2*c*d^2 + 132*x^2*a^3*b^3*c*d^2 +
60*x*y*a^3*b^3*c*d^2 + 60*y^2*a^3*b^3*c*d^2 + 123*x*z*a^3*b^3*c*d^2 +
72*y*z*a^3*b^3*c*d^2 - 15*z^2*a^3*b^3*c*d^2 + 123*x*w*a^3*b^3*c*d^2 +
72*y*w*a^3*b^3*c*d^2 + 78*z*w*a^3*b^3*c*d^2 - 15*w^2*a^3*b^3*c*d^2 +
162*x*t*a^3*b^3*c*d^2 - 12*y*t*a^3*b^3*c*d^2 - 30*z*t*a^3*b^3*c*d^2 -
30*w*t*a^3*b^3*c*d^2 - 72*t^2*a^3*b^3*c*d^2 - 81*x^2*a^4*b*c^2*d^2 -
135*x*y*a^4*b*c^2*d^2 - 24*y^2*a^4*b*c^2*d^2 + 9*x*z*a^4*b*c^2*d^2 -
24*y*z*a^4*b*c^2*d^2 + 75*z^2*a^4*b*c^2*d^2 - 27*x*w*a^4*b*c^2*d^2 +
66*y*w*a^4*b*c^2*d^2 + 33*z*w*a^4*b*c^2*d^2 + 30*w^2*a^4*b*c^2*d^2 -
171*x*t*a^4*b*c^2*d^2 - 111*y*t*a^4*b*c^2*d^2 + 30*z*t*a^4*b*c^2*d^2 -
60*w*t*a^4*b*c^2*d^2 - 15*t^2*a^4*b*c^2*d^2 + 180*x^2*a^3*b^2*c^2*d^2 +
360*x*y*a^3*b^2*c^2*d^2 + 90*y^2*a^3*b^2*c^2*d^2 +
153*x*z*a^3*b^2*c^2*d^2 + 135*y*z*a^3*b^2*c^2*d^2 +
153*x*w*a^3*b^2*c^2*d^2 + 135*y*w*a^3*b^2*c^2*d^2 +
225*z*w*a^3*b^2*c^2*d^2 + 207*x*t*a^3*b^2*c^2*d^2 +
171*y*t*a^3*b^2*c^2*d^2 + 126*z*t*a^3*b^2*c^2*d^2 +
126*w*t*a^3*b^2*c^2*d^2 + 126*t^2*a^3*b^2*c^2*d^2 - 33*x^2*a^4*c^3*d^2 -
51*x*y*a^4*c^3*d^2 - 8*y^2*a^4*c^3*d^2 - 60*x*z*a^4*c^3*d^2 -
8*y*z*a^4*c^3*d^2 - 17*z^2*a^4*c^3*d^2 - 66*x*w*a^4*c^3*d^2 -
68*y*w*a^4*c^3*d^2 - 34*z*w*a^4*c^3*d^2 - 50*w^2*a^4*c^3*d^2 -
6*x*t*a^4*c^3*d^2 - 43*y*t*a^4*c^3*d^2 - 17*z*t*a^4*c^3*d^2 -
32*w*t*a^4*c^3*d^2 + 10*t^2*a^4*c^3*d^2 - 126*x^2*a^3*b*c^3*d^2 +
114*x*y*a^3*b*c^3*d^2 + 60*y^2*a^3*b*c^3*d^2 + 54*y*z*a^3*b*c^3*d^2 +
15*z^2*a^3*b*c^3*d^2 + 54*y*w*a^3*b*c^3*d^2 - 12*z*w*a^3*b*c^3*d^2 +
15*w^2*a^3*b*c^3*d^2 - 174*x*t*a^3*b*c^3*d^2 + 60*y*t*a^3*b*c^3*d^2 -
63*z*t*a^3*b*c^3*d^2 - 63*w*t*a^3*b*c^3*d^2 - 120*t^2*a^3*b*c^3*d^2 -
30*x^2*a^3*c^4*d^2 - 120*x*y*a^3*c^4*d^2 + 15*y^2*a^3*c^4*d^2 -
66*x*z*a^3*c^4*d^2 - 9*y*z*a^3*c^4*d^2 - 33*z^2*a^3*c^4*d^2 -
66*x*w*a^3*c^4*d^2 - 9*y*w*a^3*c^4*d^2 - 21*z*w*a^3*c^4*d^2 -
33*w^2*a^3*c^4*d^2 + 9*x*t*a^3*c^4*d^2 - 84*y*t*a^3*c^4*d^2 -
57*z*t*a^3*c^4*d^2 - 57*w*t*a^3*c^4*d^2 - 9*t^2*a^3*c^4*d^2 -
42*x^2*a^4*b^2*d^3 - 51*x*y*a^4*b^2*d^3 - 17*y^2*a^4*b^2*d^3 -
33*x*z*a^4*b^2*d^3 - 8*y*z*a^4*b^2*d^3 - 8*z^2*a^4*b^2*d^3 +
18*x*w*a^4*b^2*d^3 - 17*y*w*a^4*b^2*d^3 + 35*z*w*a^4*b^2*d^3 +
10*w^2*a^4*b^2*d^3 - 51*x*t*a^4*b^2*d^3 - 43*y*t*a^4*b^2*d^3 -
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8*z*t*a^4*b^2*d^3 - 17*w*t*a^4*b^2*d^3 - 17*t^2*a^4*b^2*d^3 -
32*x*y*a^3*b^3*d^3 + 12*y^2*a^3*b^3*d^3 + 32*x*z*a^3*b^3*d^3 -
12*z^2*a^3*b^3*d^3 + 32*x*w*a^3*b^3*d^3 + 60*z*w*a^3*b^3*d^3 -
12*w^2*a^3*b^3*d^3 - 32*x*t*a^3*b^3*d^3 - 60*y*t*a^3*b^3*d^3 +
12*t^2*a^3*b^3*d^3 - 96*x^2*a^4*b*c*d^3 - 150*x*y*a^4*b*c*d^3 -
34*y^2*a^4*b*c*d^3 - 99*x*z*a^4*b*c*d^3 - 61*y*z*a^4*b*c*d^3 -
46*z^2*a^4*b*c*d^3 - 264*x*w*a^4*b*c*d^3 - 178*y*w*a^4*b*c*d^3 -
164*z*w*a^4*b*c*d^3 - 100*w^2*a^4*b*c*d^3 - 93*x*t*a^4*b*c*d^3 -
89*y*t*a^4*b*c*d^3 - 157*z*t*a^4*b*c*d^3 - 100*w*t*a^4*b*c*d^3 -
43*t^2*a^4*b*c*d^3 + 6*x^2*a^3*b^2*c*d^3 + 102*x*y*a^3*b^2*c*d^3 +
36*y^2*a^3*b^2*c*d^3 - 69*x*z*a^3*b^2*c*d^3 + 27*y*z*a^3*b^2*c*d^3 +
42*z^2*a^3*b^2*c*d^3 - 69*x*w*a^3*b^2*c*d^3 + 27*y*w*a^3*b^2*c*d^3 -
180*z*w*a^3*b^2*c*d^3 + 42*w^2*a^3*b^2*c*d^3 + 60*x*t*a^3*b^2*c*d^3 +
54*y*t*a^3*b^2*c*d^3 + 15*z*t*a^3*b^2*c*d^3 + 15*w*t*a^3*b^2*c*d^3 +
30*t^2*a^3*b^2*c*d^3 + 45*x^2*a^4*c^2*d^3 + 18*x*y*a^4*c^2*d^3 -
17*y^2*a^4*c^2*d^3 + 27*x*z*a^4*c^2*d^3 - 8*y*z*a^4*c^2*d^3 -
8*z^2*a^4*c^2*d^3 + 72*x*w*a^4*c^2*d^3 - 17*y*w*a^4*c^2*d^3 +
35*z*w*a^4*c^2*d^3 + 10*w^2*a^4*c^2*d^3 + 63*x*t*a^4*c^2*d^3 +
26*y*t*a^4*c^2*d^3 + 52*z*t*a^4*c^2*d^3 + 37*w*t*a^4*c^2*d^3 +
10*t^2*a^4*c^2*d^3 - 276*x^2*a^3*b*c^2*d^3 - 60*x*y*a^3*b*c^2*d^3 +
36*y^2*a^3*b*c^2*d^3 - 207*x*z*a^3*b*c^2*d^3 - 27*y*z*a^3*b*c^2*d^3 -
42*z^2*a^3*b*c^2*d^3 - 207*x*w*a^3*b*c^2*d^3 - 27*y*w*a^3*b*c^2*d^3 -
126*z*w*a^3*b*c^2*d^3 - 42*w^2*a^3*b*c^2*d^3 - 288*x*t*a^3*b*c^2*d^3 -
54*y*t*a^3*b*c^2*d^3 - 177*z*t*a^3*b*c^2*d^3 - 177*w*t*a^3*b*c^2*d^3 -
120*t^2*a^3*b*c^2*d^3 + 96*x^2*a^3*c^3*d^3 - 32*x*y*a^3*c^3*d^3 +
12*y^2*a^3*c^3*d^3 + 2*x*z*a^3*c^3*d^3 - 54*y*z*a^3*c^3*d^3 +
12*z^2*a^3*c^3*d^3 + 2*x*w*a^3*c^3*d^3 - 54*y*w*a^3*c^3*d^3 -
48*z*w*a^3*c^3*d^3 + 12*w^2*a^3*c^3*d^3 + 106*x*t*a^3*c^3*d^3 -
6*y*t*a^3*c^3*d^3 + 78*z*t*a^3*c^3*d^3 + 78*w*t*a^3*c^3*d^3 +
78*t^2*a^3*c^3*d^3 + 69*x^2*a^4*b*d^4 + 69*x*y*a^4*b*d^4 +
5*y^2*a^4*b*d^4 + 69*x*z*a^4*b*d^4 + 26*y*z*a^4*b*d^4 + 5*z^2*a^4*b*d^4
+ 105*x*w*a^4*b*d^4 + 47*y*w*a^4*b*d^4 + 58*z*w*a^4*b*d^4 +
35*w^2*a^4*b*d^4 + 69*x*t*a^4*b*d^4 + 43*y*t*a^4*b*d^4 +
26*z*t*a^4*b*d^4 + 47*w*t*a^4*b*d^4 + 5*t^2*a^4*b*d^4 +
63*x^2*a^3*b^2*d^4 + 45*x*y*a^3*b^2*d^4 - 33*y^2*a^3*b^2*d^4 +
66*x*z*a^3*b^2*d^4 - 15*z^2*a^3*b^2*d^4 + 66*x*w*a^3*b^2*d^4 +
39*z*w*a^3*b^2*d^4 - 15*w^2*a^3*b^2*d^4 + 45*x*t*a^3*b^2*d^4 +
57*y*t*a^3*b^2*d^4 - 33*t^2*a^3*b^2*d^4 + 30*x^2*a^4*c*d^4 +
30*x*y*a^4*c*d^4 + 5*y^2*a^4*c*d^4 + 42*x*z*a^4*c*d^4 + 26*y*z*a^4*c*d^4
+ 5*z^2*a^4*c*d^4 + 81*x*w*a^4*c*d^4 + 47*y*w*a^4*c*d^4 +
58*z*w*a^4*c*d^4 + 35*w^2*a^4*c*d^4 + 18*x*t*a^4*c*d^4 + 4*y*t*a^4*c*d^4
- z*t*a^4*c*d^4 + 23*w*t*a^4*c*d^4 - 7*t^2*a^4*c*d^4 -
168*x^2*a^3*b*c*d^4 - 144*x*y*a^3*b*c*d^4 - 66*y^2*a^3*b*c*d^4 -
171*x*z*a^3*b*c*d^4 - 63*y*z*a^3*b*c*d^4 - 171*x*w*a^3*b*c*d^4 -
63*y*w*a^3*b*c*d^4 - 30*z*w*a^3*b*c*d^4 - 156*x*t*a^3*b*c*d^4 -
48*y*t*a^3*b*c*d^4 + 57*z*t*a^3*b*c*d^4 + 57*w*t*a^3*b*c*d^4 +
102*t^2*a^3*b*c*d^4 + 129*x^2*a^3*c^2*d^4 - 9*x*y*a^3*c^2*d^4 -
33*y^2*a^3*c^2*d^4 + 141*x*z*a^3*c^2*d^4 - 9*y*z*a^3*c^2*d^4 +
15*z^2*a^3*c^2*d^4 + 141*x*w*a^3*c^2*d^4 - 9*y*w*a^3*c^2*d^4 +
75*z*w*a^3*c^2*d^4 + 15*w^2*a^3*c^2*d^4 + 105*x*t*a^3*c^2*d^4 +
12*y*t*a^3*c^2*d^4 + 39*z*t*a^3*c^2*d^4 + 39*w*t*a^3*c^2*d^4 -
9*t^2*a^3*c^2*d^4 - 15*x^2*a^4*d^5 - 6*x*y*a^4*d^5 + 10*y^2*a^4*d^5 -
24*x*z*a^4*d^5 + y*z*a^4*d^5 + z^2*a^4*d^5 - 39*x*w*a^4*d^5 -
14*y*w*a^4*d^5 - 25*z*w*a^4*d^5 - 14*w^2*a^4*d^5 - 6*x*t*a^4*d^5 -
7*y*t*a^4*d^5 + z*t*a^4*d^5 - 14*w*t*a^4*d^5 + 10*t^2*a^4*d^5 +
18*x^2*a^3*b*d^5 + 24*x*y*a^3*b*d^5 - 12*y^2*a^3*b*d^5 + 6*z^2*a^3*b*d^5
- 30*z*w*a^3*b*d^5 + 6*w^2*a^3*b*d^5 + 24*x*t*a^3*b*d^5 +
42*y*t*a^3*b*d^5 - 12*t^2*a^3*b*d^5 + 24*x^2*a^3*c*d^5 -
30*x*y*a^3*c*d^5 - 12*y^2*a^3*c*d^5 + 60*x*z*a^3*c*d^5 +
18*y*z*a^3*c*d^5 - 6*z^2*a^3*c*d^5 + 60*x*w*a^3*c*d^5 + 18*y*w*a^3*c*d^5
+ 60*z*w*a^3*c*d^5 - 6*w^2*a^3*c*d^5 + 18*x*t*a^3*c*d^5 -
30*y*t*a^3*c*d^5 - 30*z*t*a^3*c*d^5 - 30*w*t*a^3*c*d^5 -
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36*t^2*a^3*c*d^5 - 9*x^2*a^3*d^6 - 4*x*y*a^3*d^6 + 12*y^2*a^3*d^6 -
17*x*z*a^3*d^6 - 17*x*w*a^3*d^6 - 9*z*w*a^3*d^6 - 4*x*t*a^3*d^6 -
15*y*t*a^3*d^6 + 12*t^2*a^3*d^6 - 28*x^2*a^4*b^4 - 21*x*y*a^4*b^4 -
25/3*y^2*a^4*b^4 - 35*x*z*a^4*b^4 - 70/3*y*z*a^4*b^4 - 46/3*z^2*a^4*b^4
- 5*x*w*a^4*b^4 + 20/3*y*w*a^4*b^4 - 35/3*z*w*a^4*b^4 - 1/3*w^2*a^4*b^4
- 21*x*t*a^4*b^4 + 7/3*y*t*a^4*b^4 - 70/3*z*t*a^4*b^4 + 20/3*w*t*a^4*b^4
- 25/3*t^2*a^4*b^4 - 24*x^2*a^3*b^5 - 60*x*y*a^3*b^5 + 6*y^2*a^3*b^5 -
18*x*z*a^3*b^5 + 30*y*z*a^3*b^5 + 36*z^2*a^3*b^5 + 30*x*w*a^3*b^5 -
18*y*w*a^3*b^5 + 30*z*w*a^3*b^5 + 12*w^2*a^3*b^5 - 60*x*t*a^3*b^5 -
60*y*t*a^3*b^5 + 30*z*t*a^3*b^5 - 18*w*t*a^3*b^5 + 6*t^2*a^3*b^5 +
32*x^2*a^4*b^3*c - 46*x*y*a^4*b^3*c - 100/3*y^2*a^4*b^3*c +
26*x*z*a^4*b^3*c - 118/3*y*z*a^4*b^3*c + 50/3*z^2*a^4*b^3*c +
8*x*w*a^4*b^3*c - 82/3*y*w*a^4*b^3*c + 22/3*z*w*a^4*b^3*c +
68/3*w^2*a^4*b^3*c + 38*x*t*a^4*b^3*c - 20/3*y*t*a^4*b^3*c +
218/3*z*t*a^4*b^3*c + 2/3*w*t*a^4*b^3*c + 68/3*t^2*a^4*b^3*c +
45*x^2*a^3*b^4*c + 78*x*y*a^3*b^4*c + 30*y^2*a^3*b^4*c +
138*x*z*a^3*b^4*c + 78*y*z*a^3*b^4*c + 3*z^2*a^3*b^4*c -
90*x*w*a^3*b^4*c - 18*y*w*a^3*b^4*c + 42*z*w*a^3*b^4*c -
45*w^2*a^3*b^4*c + 165*x*t*a^3*b^4*c + 24*y*t*a^3*b^4*c -
63*z*t*a^3*b^4*c + 57*w*t*a^3*b^4*c - 33*x^2*a^4*b^2*c^2 -
66*x*y*a^4*b^2*c^2 - 50*y^2*a^4*b^2*c^2 - 6*x*z*a^4*b^2*c^2 -
32*y*z*a^4*b^2*c^2 + 10*z^2*a^4*b^2*c^2 - 51*x*w*a^4*b^2*c^2 -
68*y*w*a^4*b^2*c^2 - 43*z*w*a^4*b^2*c^2 - 8*w^2*a^4*b^2*c^2 -
60*x*t*a^4*b^2*c^2 - 34*y*t*a^4*b^2*c^2 - 17*z*t*a^4*b^2*c^2 -
8*w*t*a^4*b^2*c^2 - 17*t^2*a^4*b^2*c^2 + 105*x^2*a^3*b^3*c^2 +
282*x*y*a^3*b^3*c^2 + 60*y^2*a^3*b^3*c^2 + 30*x*z*a^3*b^3*c^2 +
66*y*z*a^3*b^3*c^2 - 51*z^2*a^3*b^3*c^2 - 12*x*w*a^3*b^3*c^2 +
54*y*w*a^3*b^3*c^2 - 96*z*w*a^3*b^3*c^2 - 57*w^2*a^3*b^3*c^2 +
27*x*t*a^3*b^3*c^2 + 138*y*t*a^3*b^3*c^2 - 57*z*t*a^3*b^3*c^2 -
69*w*t*a^3*b^3*c^2 - 42*t^2*a^3*b^3*c^2 - 4*x^2*a^4*b*c^3 -
60*x*y*a^4*b*c^3 - 100/3*y^2*a^4*b*c^3 - 32*x*z*a^4*b*c^3 -
118/3*y*z*a^4*b*c^3 + 50/3*z^2*a^4*b*c^3 + 52*x*w*a^4*b*c^3 -
82/3*y*w*a^4*b*c^3 + 22/3*z*w*a^4*b*c^3 + 68/3*w^2*a^4*b*c^3 +
24*x*t*a^4*b*c^3 - 62/3*y*t*a^4*b*c^3 + 44/3*z*t*a^4*b*c^3 +
134/3*w*t*a^4*b*c^3 + 134/3*t^2*a^4*b*c^3 + 48*x^2*a^3*b^2*c^3 +
102*x*y*a^3*b^2*c^3 + 60*y^2*a^3*b^2*c^3 - 27*x*z*a^3*b^2*c^3 +
30*y*z*a^3*b^2*c^3 + 27*z^2*a^3*b^2*c^3 + 237*x*w*a^3*b^2*c^3 +
90*y*w*a^3*b^2*c^3 + 84*z*w*a^3*b^2*c^3 + 57*w^2*a^3*b^2*c^3 -
51*x*t*a^3*b^2*c^3 - 6*y*t*a^3*b^2*c^3 + 102*z*t*a^3*b^2*c^3 +
15*t^2*a^3*b^2*c^3 - 19*x^2*a^4*c^4 - 19*x*y*a^4*c^4 - 25/3*y^2*a^4*c^4
- 19*x*z*a^4*c^4 - 70/3*y*z*a^4*c^4 - 46/3*z^2*a^4*c^4 - 19*x*w*a^4*c^4
+ 20/3*y*w*a^4*c^4 - 35/3*z*w*a^4*c^4 - 1/3*w^2*a^4*c^4 - 19*x*t*a^4*c^4
+ 13/3*y*t*a^4*c^4 - 22/3*z*t*a^4*c^4 - 22/3*w*t*a^4*c^4 -
46/3*t^2*a^4*c^4 - 30*x*y*a^3*b*c^4 + 30*y^2*a^3*b*c^4 +
93*x*z*a^3*b*c^4 + 24*y*z*a^3*b*c^4 + 39*z^2*a^3*b*c^4 +
81*x*w*a^3*b*c^4 + 36*y*w*a^3*b*c^4 + 150*z*w*a^3*b*c^4 +
45*w^2*a^3*b*c^4 + 129*x*t*a^3*b*c^4 - 30*y*t*a^3*b*c^4 +
54*z*t*a^3*b*c^4 + 120*w*t*a^3*b*c^4 + 45*t^2*a^3*b*c^4 - 12*x^2*a^3*c^5
+ 12*x*y*a^3*c^5 + 6*y^2*a^3*c^5 - 6*x*z*a^3*c^5 + 12*y*z*a^3*c^5 -
6*z^2*a^3*c^5 - 48*x*w*a^3*c^5 - 42*z*w*a^3*c^5 - 12*w^2*a^3*c^5 -
18*x*t*a^3*c^5 + 30*y*t*a^3*c^5 - 12*z*t*a^3*c^5 - 24*w*t*a^3*c^5 -
6*t^2*a^3*c^5 + 32*x^2*a^4*b^3*d + 10*x*y*a^4*b^3*d + 68/3*y^2*a^4*b^3*d
+ 54*x*z*a^4*b^3*d + 134/3*y*z*a^4*b^3*d + 134/3*z^2*a^4*b^3*d -
48*x*w*a^4*b^3*d - 82/3*y*w*a^4*b^3*d - 62/3*z*w*a^4*b^3*d -
100/3*w^2*a^4*b^3*d + 10*x*t*a^4*b^3*d - 104/3*y*t*a^4*b^3*d +
134/3*z*t*a^4*b^3*d - 82/3*w*t*a^4*b^3*d + 68/3*t^2*a^4*b^3*d +
168*x^2*a^3*b^4*d + 171*x*y*a^3*b^4*d + 156*x*z*a^3*b^4*d -
57*y*z*a^3*b^4*d - 102*z^2*a^3*b^4*d + 144*x*w*a^3*b^4*d +
63*y*w*a^3*b^4*d + 48*z*w*a^3*b^4*d + 66*w^2*a^3*b^4*d +
171*x*t*a^3*b^4*d + 30*y*t*a^3*b^4*d - 57*z*t*a^3*b^4*d +
63*w*t*a^3*b^4*d + 6*x^2*a^4*b^2*c*d + 108*x*y*a^4*b^2*c*d +
68*y^2*a^4*b^2*c*d - 18*x*z*a^4*b^2*c*d + 71*y*z*a^4*b^2*c*d -
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43*z^2*a^4*b^2*c*d + 126*x*w*a^4*b^2*c*d + 44*y*w*a^4*b^2*c*d +
82*z*w*a^4*b^2*c*d + 20*w^2*a^4*b^2*c*d + 30*x*t*a^4*b^2*c*d +
37*y*t*a^4*b^2*c*d - 82*z*t*a^4*b^2*c*d + 44*w*t*a^4*b^2*c*d -
19*t^2*a^4*b^2*c*d - 234*x^2*a^3*b^3*c*d - 318*x*z*a^3*b^3*c*d -
66*y*z*a^3*b^3*c*d + 144*z^2*a^3*b^3*c*d - 24*x*w*a^3*b^3*c*d +
126*y*w*a^3*b^3*c*d - 60*z*w*a^3*b^3*c*d - 30*w^2*a^3*b^3*c*d -
372*x*t*a^3*b^3*c*d + 30*y*t*a^3*b^3*c*d + 198*z*t*a^3*b^3*c*d -
150*w*t*a^3*b^3*c*d + 24*t^2*a^3*b^3*c*d + 78*x^2*a^4*b*c^2*d +
78*x*y*a^4*b*c^2*d + 68*y^2*a^4*b*c^2*d + 78*x*z*a^4*b*c^2*d +
71*y*z*a^4*b*c^2*d - 43*z^2*a^4*b*c^2*d + 78*x*w*a^4*b*c^2*d +
44*y*w*a^4*b*c^2*d + 82*z*w*a^4*b*c^2*d + 20*w^2*a^4*b*c^2*d +
78*x*t*a^4*b*c^2*d + 7*y*t*a^4*b*c^2*d + 14*z*t*a^4*b*c^2*d -
4*w*t*a^4*b*c^2*d - 43*t^2*a^4*b*c^2*d - 387*x^2*a^3*b^2*c^2*d -
405*x*y*a^3*b^2*c^2*d - 270*x*z*a^3*b^2*c^2*d - 18*y*z*a^3*b^2*c^2*d -
9*z^2*a^3*b^2*c^2*d - 369*x*w*a^3*b^2*c^2*d - 117*z*w*a^3*b^2*c^2*d -
171*x*t*a^3*b^2*c^2*d - 63*y*t*a^3*b^2*c^2*d - 90*z*t*a^3*b^2*c^2*d +
90*w*t*a^3*b^2*c^2*d + 45*t^2*a^3*b^2*c^2*d - 4*x^2*a^4*c^3*d +
52*x*y*a^4*c^3*d + 68/3*y^2*a^4*c^3*d + 24*x*z*a^4*c^3*d +
134/3*y*z*a^4*c^3*d + 134/3*z^2*a^4*c^3*d - 60*x*w*a^4*c^3*d -
82/3*y*w*a^4*c^3*d - 62/3*z*w*a^4*c^3*d - 100/3*w^2*a^4*c^3*d -
32*x*t*a^4*c^3*d + 22/3*y*t*a^4*c^3*d + 44/3*z*t*a^4*c^3*d -
118/3*w*t*a^4*c^3*d + 50/3*t^2*a^4*c^3*d + 114*x^2*a^3*b*c^3*d -
126*x*y*a^3*b*c^3*d + 66*x*z*a^3*b*c^3*d - 66*y*z*a^3*b*c^3*d -
210*z^2*a^3*b*c^3*d - 90*x*w*a^3*b*c^3*d - 126*y*w*a^3*b*c^3*d -
186*z*w*a^3*b*c^3*d + 30*w^2*a^3*b*c^3*d + 162*x*t*a^3*b*c^3*d -
96*y*t*a^3*b*c^3*d - 354*z*t*a^3*b*c^3*d - 90*w*t*a^3*b*c^3*d -
144*t^2*a^3*b*c^3*d + 18*x^2*a^3*c^4*d + 108*x*y*a^3*c^4*d -
57*x*z*a^3*c^4*d - 57*y*z*a^3*c^4*d + 45*z^2*a^3*c^4*d -
51*x*w*a^3*c^4*d - 63*y*w*a^3*c^4*d - 15*z*w*a^3*c^4*d -
66*w^2*a^3*c^4*d - 129*x*t*a^3*c^4*d - 33*y*t*a^3*c^4*d +
72*z*t*a^3*c^4*d - 69*w*t*a^3*c^4*d - 3*t^2*a^3*c^4*d -
69*x^2*a^4*b^2*d^2 - 69*x*y*a^4*b^2*d^2 - 17*y^2*a^4*b^2*d^2 -
69*x*z*a^4*b^2*d^2 - 26*y*z*a^4*b^2*d^2 - 17*z^2*a^4*b^2*d^2 -
69*x*w*a^4*b^2*d^2 - 17*y*w*a^4*b^2*d^2 - 52*z*w*a^4*b^2*d^2 +
10*w^2*a^4*b^2*d^2 - 69*x*t*a^4*b^2*d^2 - 43*y*t*a^4*b^2*d^2 -
26*z*t*a^4*b^2*d^2 - 17*w*t*a^4*b^2*d^2 - 17*t^2*a^4*b^2*d^2 -
6*x^2*a^3*b^3*d^2 + 69*x*y*a^3*b^3*d^2 - 42*y^2*a^3*b^3*d^2 -
60*x*z*a^3*b^3*d^2 - 15*y*z*a^3*b^3*d^2 - 30*z^2*a^3*b^3*d^2 -
102*x*w*a^3*b^3*d^2 - 27*y*w*a^3*b^3*d^2 - 54*z*w*a^3*b^3*d^2 -
36*w^2*a^3*b^3*d^2 + 69*x*t*a^3*b^3*d^2 + 180*y*t*a^3*b^3*d^2 -
15*z*t*a^3*b^3*d^2 - 27*w*t*a^3*b^3*d^2 - 42*t^2*a^3*b^3*d^2 +
6*x^2*a^4*b*c*d^2 - 96*x*y*a^4*b*c*d^2 - 34*y^2*a^4*b*c*d^2 +
30*x*z*a^4*b*c*d^2 - 7*y*z*a^4*b*c*d^2 - 19*z^2*a^4*b*c*d^2 -
114*x*w*a^4*b*c*d^2 - 178*y*w*a^4*b*c*d^2 - 14*z*w*a^4*b*c*d^2 -
100*w^2*a^4*b*c*d^2 - 18*x*t*a^4*b*c*d^2 - 89*y*t*a^4*b*c*d^2 -
82*z*t*a^4*b*c*d^2 - 100*w*t*a^4*b*c*d^2 - 43*t^2*a^4*b*c*d^2 -
144*x*y*a^3*b^2*c*d^2 - 126*y^2*a^3*b^2*c*d^2 + 81*x*z*a^3*b^2*c*d^2 -
180*y*z*a^3*b^2*c*d^2 - 45*z^2*a^3*b^2*c*d^2 + 144*x*w*a^3*b^2*c*d^2 -
27*z*w*a^3*b^2*c*d^2 + 126*w^2*a^3*b^2*c*d^2 - 81*x*t*a^3*b^2*c*d^2 +
27*y*t*a^3*b^2*c*d^2 + 180*w*t*a^3*b^2*c*d^2 + 45*t^2*a^3*b^2*c*d^2 -
33*x^2*a^4*c^2*d^2 - 17*y^2*a^4*c^2*d^2 - 60*x*z*a^4*c^2*d^2 -
26*y*z*a^4*c^2*d^2 - 17*z^2*a^4*c^2*d^2 - 15*x*w*a^4*c^2*d^2 -
17*y*w*a^4*c^2*d^2 - 52*z*w*a^4*c^2*d^2 + 10*w^2*a^4*c^2*d^2 -
6*x*t*a^4*c^2*d^2 + 26*y*t*a^4*c^2*d^2 - 17*z*t*a^4*c^2*d^2 +
37*w*t*a^4*c^2*d^2 + 10*t^2*a^4*c^2*d^2 + 207*x^2*a^3*b*c^2*d^2 -
279*x*y*a^3*b*c^2*d^2 - 126*y^2*a^3*b*c^2*d^2 + 99*x*z*a^3*b*c^2*d^2 -
72*y*z*a^3*b*c^2*d^2 + 162*z^2*a^3*b*c^2*d^2 + 27*x*w*a^3*b*c^2*d^2 +
216*z*w*a^3*b*c^2*d^2 - 126*w^2*a^3*b*c^2*d^2 - 18*x*t*a^3*b*c^2*d^2 -
216*y*t*a^3*b*c^2*d^2 + 396*z*t*a^3*b*c^2*d^2 - 180*w*t*a^3*b*c^2*d^2 +
108*t^2*a^3*b*c^2*d^2 - 42*x^2*a^3*c^3*d^2 + 96*x*y*a^3*c^3*d^2 -
42*y^2*a^3*c^3*d^2 + 39*x*z*a^3*c^3*d^2 + 93*y*z*a^3*c^3*d^2 +
15*z^2*a^3*c^3*d^2 + 105*x*w*a^3*c^3*d^2 - 27*y*w*a^3*c^3*d^2 +
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27*z*w*a^3*c^3*d^2 + 36*w^2*a^3*c^3*d^2 + 51*x*t*a^3*c^3*d^2 +
99*y*t*a^3*c^3*d^2 - 24*z*t*a^3*c^3*d^2 + 99*w*t*a^3*c^3*d^2 +
21*t^2*a^3*c^3*d^2 + 32*x^2*a^4*b*d^3 + 54*x*y*a^4*b*d^3 +
134/3*y^2*a^4*b*d^3 + 10*x*z*a^4*b*d^3 + 134/3*y*z*a^4*b*d^3 +
68/3*z^2*a^4*b*d^3 + 112*x*w*a^4*b*d^3 + 224/3*y*w*a^4*b*d^3 +
112/3*z*w*a^4*b*d^3 + 140/3*w^2*a^4*b*d^3 + 54*x*t*a^4*b*d^3 +
28/3*y*t*a^4*b*d^3 + 134/3*z*t*a^4*b*d^3 + 224/3*w*t*a^4*b*d^3 +
134/3*t^2*a^4*b*d^3 - 132*x^2*a^3*b^2*d^3 - 123*x*y*a^3*b^2*d^3 +
15*y^2*a^3*b^2*d^3 - 162*x*z*a^3*b^2*d^3 + 30*y*z*a^3*b^2*d^3 +
72*z^2*a^3*b^2*d^3 - 60*x*w*a^3*b^2*d^3 - 72*y*w*a^3*b^2*d^3 +
12*z*w*a^3*b^2*d^3 - 60*w^2*a^3*b^2*d^3 - 123*x*t*a^3*b^2*d^3 -
78*y*t*a^3*b^2*d^3 + 30*z*t*a^3*b^2*d^3 - 72*w*t*a^3*b^2*d^3 +
15*t^2*a^3*b^2*d^3 + 32*x^2*a^4*c*d^3 + 110*x*y*a^4*c*d^3 +
134/3*y^2*a^4*c*d^3 + 38*x*z*a^4*c*d^3 + 134/3*y*z*a^4*c*d^3 +
68/3*z^2*a^4*c*d^3 + 56*x*w*a^4*c*d^3 + 224/3*y*w*a^4*c*d^3 +
112/3*z*w*a^4*c*d^3 + 140/3*w^2*a^4*c*d^3 + 26*x*t*a^4*c*d^3 +
196/3*y*t*a^4*c*d^3 + 218/3*z*t*a^4*c*d^3 + 56/3*w*t*a^4*c*d^3 +
50/3*t^2*a^4*c*d^3 + 234*x^2*a^3*b*c*d^3 + 24*x*y*a^3*b*c*d^3 +
30*y^2*a^3*b*c*d^3 + 372*x*z*a^3*b*c*d^3 + 150*y*z*a^3*b*c*d^3 -
24*z^2*a^3*b*c*d^3 - 126*y*w*a^3*b*c*d^3 - 30*z*w*a^3*b*c*d^3 +
318*x*t*a^3*b*c*d^3 + 60*y*t*a^3*b*c*d^3 - 198*z*t*a^3*b*c*d^3 +
66*w*t*a^3*b*c*d^3 - 144*t^2*a^3*b*c*d^3 - 111*x^2*a^3*c^2*d^3 +
84*x*y*a^3*c^2*d^3 + 15*y^2*a^3*c^2*d^3 - 87*x*z*a^3*c^2*d^3 +
93*y*z*a^3*c^2*d^3 - 42*z^2*a^3*c^2*d^3 + 60*x*w*a^3*c^2*d^3 +
54*y*w*a^3*c^2*d^3 - 6*z*w*a^3*c^2*d^3 + 60*w^2*a^3*c^2*d^3 +
18*x*t*a^3*c^2*d^3 + 66*y*t*a^3*c^2*d^3 - 57*z*t*a^3*c^2*d^3 +
66*w*t*a^3*c^2*d^3 + 21*t^2*a^3*c^2*d^3 - 28*x^2*a^4*d^4 -
35*x*y*a^4*d^4 - 46/3*y^2*a^4*d^4 - 21*x*z*a^4*d^4 - 70/3*y*z*a^4*d^4 -
25/3*z^2*a^4*d^4 - 51*x*w*a^4*d^4 - 70/3*y*w*a^4*d^4 - 83/3*z*w*a^4*d^4
- 70/3*w^2*a^4*d^4 - 35*x*t*a^4*d^4 - 35/3*y*t*a^4*d^4 -
70/3*z*t*a^4*d^4 - 70/3*w*t*a^4*d^4 - 46/3*t^2*a^4*d^4 +
60*x^2*a^3*b*d^4 + 45*x*y*a^3*b*d^4 + 45*y^2*a^3*b*d^4 +
84*x*z*a^3*b*d^4 - 30*y*z*a^3*b*d^4 - 30*z^2*a^3*b*d^4 +
126*x*w*a^3*b*d^4 + 36*y*w*a^3*b*d^4 + 66*z*w*a^3*b*d^4 +
30*w^2*a^3*b*d^4 + 45*x*t*a^3*b*d^4 - 114*y*t*a^3*b*d^4 -
30*z*t*a^3*b*d^4 + 36*w*t*a^3*b*d^4 + 45*t^2*a^3*b*d^4 -
45*x^2*a^3*c*d^4 + 90*x*y*a^3*c*d^4 + 45*y^2*a^3*c*d^4 -
165*x*z*a^3*c*d^4 - 57*y*z*a^3*c*d^4 - 78*x*w*a^3*c*d^4 +
18*y*w*a^3*c*d^4 - 24*z*w*a^3*c*d^4 - 30*w^2*a^3*c*d^4 -
138*x*t*a^3*c*d^4 - 42*y*t*a^3*c*d^4 + 63*z*t*a^3*c*d^4 -
78*w*t*a^3*c*d^4 - 3*t^2*a^3*c*d^4 - 6*x^2*a^3*d^5 + 6*x*y*a^3*d^5 -
6*y^2*a^3*d^5 + 12*x*z*a^3*d^5 + 12*y*z*a^3*d^5 + 6*z^2*a^3*d^5 -
30*x*w*a^3*d^5 - 18*z*w*a^3*d^5 + 6*x*t*a^3*d^5 + 54*y*t*a^3*d^5 +
12*z*t*a^3*d^5 - 6*t^2*a^3*d^5 - 4*x^2*a^4*b^3 + 11*x*y*a^4*b^3 -
1/3*y^2*a^4*b^3 - 19*x*z*a^4*b^3 - 22/3*y*z*a^4*b^3 - 46/3*z^2*a^4*b^3 +
11*x*w*a^4*b^3 + 20/3*y*w*a^4*b^3 + 13/3*z*w*a^4*b^3 - 25/3*w^2*a^4*b^3
+ 11*x*t*a^4*b^3 + 55/3*y*t*a^4*b^3 - 22/3*z*t*a^4*b^3 +
20/3*w*t*a^4*b^3 - 1/3*t^2*a^4*b^3 - 129*x^2*a^3*b^4 - 141*x*y*a^3*b^4 -
15*y^2*a^3*b^4 - 105*x*z*a^3*b^4 - 39*y*z*a^3*b^4 + 9*z^2*a^3*b^4 +
9*x*w*a^3*b^4 + 9*y*w*a^3*b^4 - 12*z*w*a^3*b^4 + 33*w^2*a^3*b^4 -
141*x*t*a^3*b^4 - 75*y*t*a^3*b^4 - 39*z*t*a^3*b^4 + 9*w*t*a^3*b^4 -
15*t^2*a^3*b^4 + 3*x^2*a^2*b^5 - 9*x*y*a^2*b^5 + 6*y^2*a^2*b^5 +
18*x*z*a^2*b^5 + 6*y*z*a^2*b^5 - 12*z^2*a^2*b^5 + 18*x*w*a^2*b^5 +
6*y*w*a^2*b^5 + 75*z*w*a^2*b^5 - 12*w^2*a^2*b^5 - 9*x*t*a^2*b^5 -
33*y*t*a^2*b^5 + 6*z*t*a^2*b^5 + 6*w*t*a^2*b^5 + 6*t^2*a^2*b^5 -
18*x^2*a^4*b^2*c - 24*x*y*a^4*b^2*c - y^2*a^4*b^2*c - 9*x*z*a^4*b^2*c -
13*y*z*a^4*b^2*c - 7*z^2*a^4*b^2*c - 48*x*w*a^4*b^2*c + 11*y*w*a^4*b^2*c
- 32*z*w*a^4*b^2*c + 5*w^2*a^4*b^2*c - 27*x*t*a^4*b^2*c -
11*y*t*a^4*b^2*c - 28*z*t*a^4*b^2*c - 16*w*t*a^4*b^2*c -
16*t^2*a^4*b^2*c + 111*x^2*a^3*b^3*c - 60*x*y*a^3*b^3*c -
60*y^2*a^3*b^3*c - 18*x*z*a^3*b^3*c - 66*y*z*a^3*b^3*c -
21*z^2*a^3*b^3*c - 84*x*w*a^3*b^3*c - 54*y*w*a^3*b^3*c -
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66*z*w*a^3*b^3*c - 15*w^2*a^3*b^3*c + 87*x*t*a^3*b^3*c + 6*y*t*a^3*b^3*c
+ 57*z*t*a^3*b^3*c - 93*w*t*a^3*b^3*c + 42*t^2*a^3*b^3*c +
60*x^2*a^2*b^4*c + 153*x*y*a^2*b^4*c + 30*y^2*a^2*b^4*c +
9*x*z*a^2*b^4*c + 30*y*z*a^2*b^4*c - 6*z^2*a^2*b^4*c + 9*x*w*a^2*b^4*c +
30*y*w*a^2*b^4*c - 93*z*w*a^2*b^4*c - 6*w^2*a^2*b^4*c +
135*x*t*a^2*b^4*c + 69*y*t*a^2*b^4*c - 33*z*t*a^2*b^4*c -
33*w*t*a^2*b^4*c - 15*t^2*a^2*b^4*c - 6*x^2*a^4*b*c^2 + 9*x*y*a^4*b*c^2
- y^2*a^4*b*c^2 - 18*x*z*a^4*b*c^2 - 13*y*z*a^4*b*c^2 - 7*z^2*a^4*b*c^2
- 6*x*w*a^4*b*c^2 + 11*y*w*a^4*b*c^2 - 32*z*w*a^4*b*c^2 +
5*w^2*a^4*b*c^2 + 6*x*t*a^4*b*c^2 + 22*y*t*a^4*b*c^2 - 37*z*t*a^4*b*c^2
+ 26*w*t*a^4*b*c^2 + 5*t^2*a^4*b*c^2 + 108*x^2*a^3*b^2*c^2 +
45*x*y*a^3*b^2*c^2 - 90*y^2*a^3*b^2*c^2 + 252*x*z*a^3*b^2*c^2 -
45*y*z*a^3*b^2*c^2 + 45*z^2*a^3*b^2*c^2 + 18*x*w*a^3*b^2*c^2 -
135*y*w*a^3*b^2*c^2 + 90*z*w*a^3*b^2*c^2 + 108*x*t*a^3*b^2*c^2 +
36*y*t*a^3*b^2*c^2 + 135*z*t*a^3*b^2*c^2 + 126*w*t*a^3*b^2*c^2 +
75*x^2*a^2*b^3*c^2 + 216*x*y*a^2*b^3*c^2 + 60*y^2*a^2*b^3*c^2 +
45*x*z*a^2*b^3*c^2 + 60*y*z*a^2*b^3*c^2 + 42*z^2*a^2*b^3*c^2 +
45*x*w*a^2*b^3*c^2 + 60*y*w*a^2*b^3*c^2 - 150*z*w*a^2*b^3*c^2 +
42*w^2*a^2*b^3*c^2 - 45*x*t*a^2*b^3*c^2 + 120*y*t*a^2*b^3*c^2 -
3*z*t*a^2*b^3*c^2 - 3*w*t*a^2*b^3*c^2 - 12*t^2*a^2*b^3*c^2 -
19*x^2*a^4*c^3 - 19*x*y*a^4*c^3 - 1/3*y^2*a^4*c^3 - 19*x*z*a^4*c^3 -
22/3*y*z*a^4*c^3 - 46/3*z^2*a^4*c^3 - 19*x*w*a^4*c^3 + 20/3*y*w*a^4*c^3
+ 13/3*z*w*a^4*c^3 - 25/3*w^2*a^4*c^3 - 19*x*t*a^4*c^3 -
35/3*y*t*a^4*c^3 - 22/3*z*t*a^4*c^3 - 70/3*w*t*a^4*c^3 -
46/3*t^2*a^4*c^3 - 66*x^2*a^3*b*c^3 - 132*x*y*a^3*b*c^3 -
60*y^2*a^3*b*c^3 - 105*x*z*a^3*b*c^3 - 48*y*z*a^3*b*c^3 +
27*z^2*a^3*b*c^3 + 81*x*w*a^3*b*c^3 - 72*y*w*a^3*b*c^3 + 6*z*w*a^3*b*c^3
+ 15*w^2*a^3*b*c^3 - 123*x*t*a^3*b*c^3 - 84*y*t*a^3*b*c^3 +
24*z*t*a^3*b*c^3 + 57*t^2*a^3*b*c^3 - 24*x^2*a^2*b^2*c^3 -
36*x*y*a^2*b^2*c^3 + 60*y^2*a^2*b^2*c^3 + 99*x*z*a^2*b^2*c^3 +
60*y*z*a^2*b^2*c^3 + 42*z^2*a^2*b^2*c^3 + 99*x*w*a^2*b^2*c^3 +
60*y*w*a^2*b^2*c^3 + 210*z*w*a^2*b^2*c^3 + 42*w^2*a^2*b^2*c^3 -
63*x*t*a^2*b^2*c^3 - 60*y*t*a^2*b^2*c^3 + 87*z*t*a^2*b^2*c^3 +
87*w*t*a^2*b^2*c^3 + 33*t^2*a^2*b^2*c^3 - 96*x^2*a^3*c^4 -
96*x*y*a^3*c^4 - 15*y^2*a^3*c^4 - 108*x*z*a^3*c^4 - 30*y*z*a^3*c^4 -
48*z^2*a^3*c^4 - 111*x*w*a^3*c^4 - 57*z*w*a^3*c^4 - 33*w^2*a^3*c^4 -
84*x*t*a^3*c^4 - 39*y*t*a^3*c^4 - 96*z*t*a^3*c^4 - 66*w*t*a^3*c^4 -
48*t^2*a^3*c^4 - 48*x^2*a^2*b*c^4 - 63*x*y*a^2*b*c^4 + 30*y^2*a^2*b*c^4
+ 9*x*z*a^2*b*c^4 + 30*y*z*a^2*b*c^4 - 6*z^2*a^2*b*c^4 + 9*x*w*a^2*b*c^4
+ 30*y*w*a^2*b*c^4 + 123*z*w*a^2*b*c^4 - 6*w^2*a^2*b*c^4 +
108*x*t*a^2*b*c^4 - 39*y*t*a^2*b*c^4 + 21*z*t*a^2*b*c^4 +
21*w*t*a^2*b*c^4 + 12*t^2*a^2*b*c^4 - 6*x^2*a^2*c^5 + 27*x*y*a^2*c^5 +
6*y^2*a^2*c^5 - 36*x*z*a^2*c^5 + 6*y*z*a^2*c^5 - 12*z^2*a^2*c^5 -
36*x*w*a^2*c^5 + 6*y*w*a^2*c^5 - 69*z*w*a^2*c^5 - 12*w^2*a^2*c^5 -
18*x*t*a^2*c^5 + 39*y*t*a^2*c^5 - 30*z*t*a^2*c^5 - 30*w*t*a^2*c^5 -
12*t^2*a^2*c^5 + 6*x^2*a^4*b^2*d - 15*x*y*a^4*b^2*d - 16*y^2*a^4*b^2*d +
27*x*z*a^4*b^2*d - 16*y*z*a^4*b^2*d + 5*z^2*a^4*b^2*d - 24*x*w*a^4*b^2*d
- 4*y*w*a^4*b^2*d - 20*z*w*a^4*b^2*d + 5*w^2*a^4*b^2*d -
15*x*t*a^4*b^2*d + y*t*a^4*b^2*d - 16*z*t*a^4*b^2*d - 4*w*t*a^4*b^2*d -
16*t^2*a^4*b^2*d + 276*x^2*a^3*b^3*d + 207*x*y*a^3*b^3*d +
42*y^2*a^3*b^3*d + 288*x*z*a^3*b^3*d + 177*y*z*a^3*b^3*d +
120*z^2*a^3*b^3*d + 60*x*w*a^3*b^3*d + 27*y*w*a^3*b^3*d +
54*z*w*a^3*b^3*d - 36*w^2*a^3*b^3*d + 207*x*t*a^3*b^3*d +
126*y*t*a^3*b^3*d + 177*z*t*a^3*b^3*d + 27*w*t*a^3*b^3*d +
42*t^2*a^3*b^3*d + 123*x^2*a^2*b^4*d + 171*x*y*a^2*b^4*d -
15*y^2*a^2*b^4*d + 90*x*z*a^2*b^4*d + 3*y*z*a^2*b^4*d + 12*z^2*a^2*b^4*d
+ 90*x*w*a^2*b^4*d + 3*y*w*a^2*b^4*d - 57*z*w*a^2*b^4*d +
12*w^2*a^2*b^4*d + 171*x*t*a^2*b^4*d + 105*y*t*a^2*b^4*d +
3*z*t*a^2*b^4*d + 3*w*t*a^2*b^4*d - 15*t^2*a^2*b^4*d - 18*x^2*a^4*b*c*d
- 18*x*y*a^4*b*c*d - 32*y^2*a^4*b*c*d - 18*x*z*a^4*b*c*d -
5*y*z*a^4*b*c*d + 67*z^2*a^4*b*c*d - 18*x*w*a^4*b*c*d - 26*y*w*a^4*b*c*d
+ 32*z*w*a^4*b*c*d - 50*w^2*a^4*b*c*d - 18*x*t*a^4*b*c*d -
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13*y*t*a^4*b*c*d + 184*z*t*a^4*b*c*d - 50*w*t*a^4*b*c*d +
67*t^2*a^4*b*c*d - 207*x^2*a^3*b^2*c*d - 27*x*y*a^3*b^2*c*d +
126*y^2*a^3*b^2*c*d + 18*x*z*a^3*b^2*c*d + 180*y*z*a^3*b^2*c*d -
108*z^2*a^3*b^2*c*d + 279*x*w*a^3*b^2*c*d + 216*z*w*a^3*b^2*c*d +
126*w^2*a^3*b^2*c*d - 99*x*t*a^3*b^2*c*d - 216*y*t*a^3*b^2*c*d -
396*z*t*a^3*b^2*c*d + 72*w*t*a^3*b^2*c*d - 162*t^2*a^3*b^2*c*d -
354*x^2*a^2*b^3*c*d - 252*x*y*a^2*b^3*c*d - 60*y^2*a^2*b^3*c*d -
261*x*z*a^2*b^3*c*d - 42*y*z*a^2*b^3*c*d - 33*z^2*a^2*b^3*c*d -
261*x*w*a^2*b^3*c*d - 42*y*w*a^2*b^3*c*d + 168*z*w*a^2*b^3*c*d -
33*w^2*a^2*b^3*c*d - 540*x*t*a^2*b^3*c*d - 102*y*t*a^2*b^3*c*d +
84*z*t*a^2*b^3*c*d + 84*w*t*a^2*b^3*c*d + 84*t^2*a^2*b^3*c*d -
6*x^2*a^4*c^2*d - 21*x*y*a^4*c^2*d - 16*y^2*a^4*c^2*d + 6*x*z*a^4*c^2*d
- 16*y*z*a^4*c^2*d + 5*z^2*a^4*c^2*d - 6*x*w*a^4*c^2*d - 4*y*w*a^4*c^2*d
- 20*z*w*a^4*c^2*d + 5*w^2*a^4*c^2*d - 18*x*t*a^4*c^2*d -
5*y*t*a^4*c^2*d - 37*z*t*a^4*c^2*d + 14*w*t*a^4*c^2*d - 7*t^2*a^4*c^2*d
+ 108*x*y*a^3*b*c^2*d + 126*y^2*a^3*b*c^2*d - 180*x*z*a^3*b*c^2*d +
72*y*z*a^3*b*c^2*d - 9*z^2*a^3*b*c^2*d - 108*x*w*a^3*b*c^2*d -
27*z*w*a^3*b*c^2*d - 126*w^2*a^3*b*c^2*d + 180*x*t*a^3*b*c^2*d +
27*y*t*a^3*b*c^2*d - 72*w*t*a^3*b*c^2*d + 9*t^2*a^3*b*c^2*d -
261*x^2*a^2*b^2*c^2*d - 567*x*y*a^2*b^2*c^2*d - 90*y^2*a^2*b^2*c^2*d -
270*x*z*a^2*b^2*c^2*d - 144*y*z*a^2*b^2*c^2*d - 90*z^2*a^2*b^2*c^2*d -
270*x*w*a^2*b^2*c^2*d - 144*y*w*a^2*b^2*c^2*d - 126*z*w*a^2*b^2*c^2*d -
90*w^2*a^2*b^2*c^2*d - 54*x*t*a^2*b^2*c^2*d - 207*y*t*a^2*b^2*c^2*d -
171*z*t*a^2*b^2*c^2*d - 171*w*t*a^2*b^2*c^2*d - 63*t^2*a^2*b^2*c^2*d +
78*x^2*a^3*c^3*d + 180*x*y*a^3*c^3*d + 42*y^2*a^3*c^3*d +
171*x*z*a^3*c^3*d + 69*y*z*a^3*c^3*d + 57*z^2*a^3*c^3*d -
3*x*w*a^3*c^3*d + 27*y*w*a^3*c^3*d - 27*z*w*a^3*c^3*d + 36*w^2*a^3*c^3*d
+ 81*x*t*a^3*c^3*d + 207*y*t*a^3*c^3*d + 168*z*t*a^3*c^3*d +
45*w*t*a^3*c^3*d + 51*t^2*a^3*c^3*d + 222*x^2*a^2*b*c^3*d -
18*x*y*a^2*b*c^3*d - 60*y^2*a^2*b*c^3*d + 36*x*z*a^2*b*c^3*d -
150*y*z*a^2*b*c^3*d - 33*z^2*a^2*b*c^3*d + 36*x*w*a^2*b*c^3*d -
150*y*w*a^2*b*c^3*d - 336*z*w*a^2*b*c^3*d - 33*w^2*a^2*b*c^3*d +
252*x*t*a^2*b*c^3*d - 12*y*t*a^2*b*c^3*d - 177*z*t*a^2*b*c^3*d -
177*w*t*a^2*b*c^3*d - 114*t^2*a^2*b*c^3*d + 6*x^2*a^2*c^4*d +
126*x*y*a^2*c^4*d - 15*y^2*a^2*c^4*d - 45*x*z*a^2*c^4*d -
51*y*z*a^2*c^4*d + 12*z^2*a^2*c^4*d - 45*x*w*a^2*c^4*d -
51*y*w*a^2*c^4*d + 15*z*w*a^2*c^4*d + 12*w^2*a^2*c^4*d -
162*x*t*a^2*c^4*d - 12*y*t*a^2*c^4*d + 75*z*t*a^2*c^4*d +
75*w*t*a^2*c^4*d + 48*t^2*a^2*c^4*d + 6*x^2*a^4*b*d^2 + 27*x*y*a^4*b*d^2
+ 5*y^2*a^4*b*d^2 - 15*x*z*a^4*b*d^2 - 16*y*z*a^4*b*d^2 -
16*z^2*a^4*b*d^2 + 36*x*w*a^4*b*d^2 + 47*y*w*a^4*b*d^2 -
11*z*w*a^4*b*d^2 + 35*w^2*a^4*b*d^2 + 27*x*t*a^4*b*d^2 +
43*y*t*a^4*b*d^2 - 16*z*t*a^4*b*d^2 + 47*w*t*a^4*b*d^2 + 5*t^2*a^4*b*d^2
- 180*x^2*a^3*b^2*d^2 - 153*x*y*a^3*b^2*d^2 - 207*x*z*a^3*b^2*d^2 -
126*y*z*a^3*b^2*d^2 - 126*z^2*a^3*b^2*d^2 - 360*x*w*a^3*b^2*d^2 -
135*y*w*a^3*b^2*d^2 - 171*z*w*a^3*b^2*d^2 - 90*w^2*a^3*b^2*d^2 -
153*x*t*a^3*b^2*d^2 - 225*y*t*a^3*b^2*d^2 - 126*z*t*a^3*b^2*d^2 -
135*w*t*a^3*b^2*d^2 - 132*x^2*a^2*b^3*d^2 - 63*x*y*a^2*b^3*d^2 -
12*y^2*a^2*b^3*d^2 - 171*x*z*a^2*b^3*d^2 - 21*y*z*a^2*b^3*d^2 +
33*z^2*a^2*b^3*d^2 - 171*x*w*a^2*b^3*d^2 - 21*y*w*a^2*b^3*d^2 -
168*z*w*a^2*b^3*d^2 + 33*w^2*a^2*b^3*d^2 - 63*x*t*a^2*b^3*d^2 +
102*y*t*a^2*b^3*d^2 - 21*z*t*a^2*b^3*d^2 - 21*w*t*a^2*b^3*d^2 -
12*t^2*a^2*b^3*d^2 - 18*x^2*a^4*c*d^2 - 12*x*y*a^4*c*d^2 +
5*y^2*a^4*c*d^2 - 27*x*z*a^4*c*d^2 - 16*y*z*a^4*c*d^2 - 16*z^2*a^4*c*d^2
+ 12*x*w*a^4*c*d^2 + 47*y*w*a^4*c*d^2 - 11*z*w*a^4*c*d^2 +
35*w^2*a^4*c*d^2 - 9*x*t*a^4*c*d^2 + 4*y*t*a^4*c*d^2 - 28*z*t*a^4*c*d^2
+ 23*w*t*a^4*c*d^2 - 7*t^2*a^4*c*d^2 + 387*x^2*a^3*b*c*d^2 +
369*x*y*a^3*b*c*d^2 + 171*x*z*a^3*b*c*d^2 - 90*y*z*a^3*b*c*d^2 -
45*z^2*a^3*b*c*d^2 + 405*x*w*a^3*b*c*d^2 + 63*z*w*a^3*b*c*d^2 +
270*x*t*a^3*b*c*d^2 + 117*y*t*a^3*b*c*d^2 + 90*z*t*a^3*b*c*d^2 +
18*w*t*a^3*b*c*d^2 + 9*t^2*a^3*b*c*d^2 + 198*x^2*a^2*b^2*c*d^2 -
54*x*y*a^2*b^2*c*d^2 - 36*y^2*a^2*b^2*c*d^2 + 297*x*z*a^2*b^2*c*d^2 +
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18*y*z*a^2*b^2*c*d^2 + 18*z^2*a^2*b^2*c*d^2 + 297*x*w*a^2*b^2*c*d^2 +
18*y*w*a^2*b^2*c*d^2 + 90*z*w*a^2*b^2*c*d^2 + 18*w^2*a^2*b^2*c*d^2 +
162*x*t*a^2*b^2*c*d^2 + 9*y*t*a^2*b^2*c*d^2 + 45*z*t*a^2*b^2*c*d^2 +
45*w*t*a^2*b^2*c*d^2 - 63*t^2*a^2*b^2*c*d^2 - 108*x^2*a^3*c^2*d^2 -
18*x*y*a^3*c^2*d^2 - 108*x*z*a^3*c^2*d^2 - 126*y*z*a^3*c^2*d^2 -
45*x*w*a^3*c^2*d^2 + 135*y*w*a^3*c^2*d^2 - 36*z*w*a^3*c^2*d^2 +
90*w^2*a^3*c^2*d^2 - 252*x*t*a^3*c^2*d^2 - 90*y*t*a^3*c^2*d^2 -
135*z*t*a^3*c^2*d^2 + 45*w*t*a^3*c^2*d^2 - 45*t^2*a^3*c^2*d^2 +
387*x^2*a^2*b*c^2*d^2 + 81*x*y*a^2*b*c^2*d^2 - 36*y^2*a^2*b*c^2*d^2 +
216*x*z*a^2*b*c^2*d^2 + 99*y*z*a^2*b*c^2*d^2 + 18*z^2*a^2*b*c^2*d^2 +
216*x*w*a^2*b*c^2*d^2 + 99*y*w*a^2*b*c^2*d^2 + 441*z*w*a^2*b*c^2*d^2 +
18*w^2*a^2*b*c^2*d^2 + 189*x*t*a^2*b*c^2*d^2 - 45*y*t*a^2*b*c^2*d^2 +
234*z*t*a^2*b*c^2*d^2 + 234*w*t*a^2*b*c^2*d^2 + 234*t^2*a^2*b*c^2*d^2 -
105*x^2*a^2*c^3*d^2 + 153*x*y*a^2*c^3*d^2 - 12*y^2*a^2*c^3*d^2 +
72*x*z*a^2*c^3*d^2 + 60*y*z*a^2*c^3*d^2 + 33*z^2*a^2*c^3*d^2 +
72*x*w*a^2*c^3*d^2 + 60*y*w*a^2*c^3*d^2 + 21*z*w*a^2*c^3*d^2 +
33*w^2*a^2*c^3*d^2 - 36*x*t*a^2*c^3*d^2 + 129*y*t*a^2*c^3*d^2 +
6*z*t*a^2*c^3*d^2 + 6*w*t*a^2*c^3*d^2 - 39*t^2*a^2*c^3*d^2 -
4*x^2*a^4*d^3 - 19*x*y*a^4*d^3 - 46/3*y^2*a^4*d^3 + 11*x*z*a^4*d^3 -
22/3*y*z*a^4*d^3 - 1/3*z^2*a^4*d^3 - 19*x*w*a^4*d^3 - 70/3*y*w*a^4*d^3 +
13/3*z*w*a^4*d^3 - 70/3*w^2*a^4*d^3 - 19*x*t*a^4*d^3 - 35/3*y*t*a^4*d^3
- 22/3*z*t*a^4*d^3 - 70/3*w*t*a^4*d^3 - 46/3*t^2*a^4*d^3 -
84*x^2*a^3*b*d^3 - 33*x*y*a^3*b*d^3 + 57*y^2*a^3*b*d^3 -
78*x*z*a^3*b*d^3 + 114*y*z*a^3*b*d^3 + 72*z^2*a^3*b*d^3 +
108*x*w*a^3*b*d^3 + 90*y*w*a^3*b*d^3 + 96*z*w*a^3*b*d^3 +
60*w^2*a^3*b*d^3 - 33*x*t*a^3*b*d^3 + 6*y*t*a^3*b*d^3 +
114*z*t*a^3*b*d^3 + 90*w*t*a^3*b*d^3 + 57*t^2*a^3*b*d^3 -
132*x^2*a^2*b^2*d^3 - 171*x*y*a^2*b^2*d^3 + 33*y^2*a^2*b^2*d^3 -
63*x*z*a^2*b^2*d^3 - 21*y*z*a^2*b^2*d^3 - 12*z^2*a^2*b^2*d^3 -
63*x*w*a^2*b^2*d^3 - 21*y*w*a^2*b^2*d^3 + 102*z*w*a^2*b^2*d^3 -
12*w^2*a^2*b^2*d^3 - 171*x*t*a^2*b^2*d^3 - 168*y*t*a^2*b^2*d^3 -
21*z*t*a^2*b^2*d^3 - 21*w*t*a^2*b^2*d^3 + 33*t^2*a^2*b^2*d^3 -
105*x^2*a^3*c*d^3 + 12*x*y*a^3*c*d^3 + 57*y^2*a^3*c*d^3 -
27*x*z*a^3*c*d^3 + 69*y*z*a^3*c*d^3 + 42*z^2*a^3*c*d^3 -
282*x*w*a^3*c*d^3 - 54*y*w*a^3*c*d^3 - 138*z*w*a^3*c*d^3 -
60*w^2*a^3*c*d^3 - 30*x*t*a^3*c*d^3 + 96*y*t*a^3*c*d^3 +
57*z*t*a^3*c*d^3 - 66*w*t*a^3*c*d^3 + 51*t^2*a^3*c*d^3 +
240*x^2*a^2*b*c*d^3 + 126*x*y*a^2*b*c*d^3 + 66*y^2*a^2*b*c*d^3 +
117*x*z*a^2*b*c*d^3 + 39*y*z*a^2*b*c*d^3 + 30*z^2*a^2*b*c*d^3 +
117*x*w*a^2*b*c*d^3 + 39*y*w*a^2*b*c*d^3 - 210*z*w*a^2*b*c*d^3 +
30*w^2*a^2*b*c*d^3 + 378*x*t*a^2*b*c*d^3 + 114*y*t*a^2*b*c*d^3 -
51*z*t*a^2*b*c*d^3 - 51*w*t*a^2*b*c*d^3 - 114*t^2*a^2*b*c*d^3 -
249*x^2*a^2*c^2*d^3 + 54*x*y*a^2*c^2*d^3 + 33*y^2*a^2*c^2*d^3 -
117*x*z*a^2*c^2*d^3 + 60*y*z*a^2*c^2*d^3 - 12*z^2*a^2*c^2*d^3 -
117*x*w*a^2*c^2*d^3 + 60*y*w*a^2*c^2*d^3 - 69*z*w*a^2*c^2*d^3 -
12*w^2*a^2*c^2*d^3 - 126*x*t*a^2*c^2*d^3 + 39*y*t*a^2*c^2*d^3 -
84*z*t*a^2*c^2*d^3 - 84*w*t*a^2*c^2*d^3 - 39*t^2*a^2*c^2*d^3 +
15*x^2*a^3*d^4 - 18*x*y*a^3*d^4 - 48*y^2*a^3*d^4 + 36*x*z*a^3*d^4 -
30*y*z*a^3*d^4 - 15*z^2*a^3*d^4 + 33*x*w*a^3*d^4 + 9*z*w*a^3*d^4 -
18*x*t*a^3*d^4 + 27*y*t*a^3*d^4 - 30*z*t*a^3*d^4 - 48*t^2*a^3*d^4 +
123*x^2*a^2*b*d^4 + 90*x*y*a^2*b*d^4 + 12*y^2*a^2*b*d^4 +
171*x*z*a^2*b*d^4 + 3*y*z*a^2*b*d^4 - 15*z^2*a^2*b*d^4 +
171*x*w*a^2*b*d^4 + 3*y*w*a^2*b*d^4 + 105*z*w*a^2*b*d^4 -
15*w^2*a^2*b*d^4 + 90*x*t*a^2*b*d^4 - 57*y*t*a^2*b*d^4 + 3*z*t*a^2*b*d^4
+ 3*w*t*a^2*b*d^4 + 12*t^2*a^2*b*d^4 - 129*x^2*a^2*c*d^4 +
18*x*y*a^2*c*d^4 + 12*y^2*a^2*c*d^4 - 207*x*z*a^2*c*d^4 -
51*y*z*a^2*c*d^4 - 15*z^2*a^2*c*d^4 - 207*x*w*a^2*c*d^4 -
51*y*w*a^2*c*d^4 - 39*z*w*a^2*c*d^4 - 15*w^2*a^2*c*d^4 -
216*x*t*a^2*c*d^4 - 66*y*t*a^2*c*d^4 + 21*z*t*a^2*c*d^4 +
21*w*t*a^2*c*d^4 + 48*t^2*a^2*c*d^4 + 3*x^2*a^2*d^5 + 18*x*y*a^2*d^5 -
12*y^2*a^2*d^5 - 9*x*z*a^2*d^5 + 6*y*z*a^2*d^5 + 6*z^2*a^2*d^5 -
9*x*w*a^2*d^5 + 6*y*w*a^2*d^5 - 33*z*w*a^2*d^5 + 6*w^2*a^2*d^5 +
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18*x*t*a^2*d^5 + 75*y*t*a^2*d^5 + 6*z*t*a^2*d^5 + 6*w*t*a^2*d^5 -
12*t^2*a^2*d^5 + 12*x^2*a^4*b^2 + 12*x*y*a^4*b^2 + 10*y^2*a^4*b^2 +
12*x*z*a^4*b^2 + 19*y*z*a^4*b^2 + 10*z^2*a^4*b^2 + 27*x*w*a^4*b^2 +
y*w*a^4*b^2 + 26*z*w*a^4*b^2 + w^2*a^4*b^2 + 12*x*t*a^4*b^2 -
7*y*t*a^4*b^2 + 19*z*t*a^4*b^2 + w*t*a^4*b^2 + 10*t^2*a^4*b^2 -
96*x^2*a^3*b^3 - 2*x*y*a^3*b^3 - 12*y^2*a^3*b^3 - 106*x*z*a^3*b^3 -
78*y*z*a^3*b^3 - 78*z^2*a^3*b^3 + 32*x*w*a^3*b^3 + 54*y*w*a^3*b^3 +
6*z*w*a^3*b^3 - 12*w^2*a^3*b^3 - 2*x*t*a^3*b^3 + 48*y*t*a^3*b^3 -
78*z*t*a^3*b^3 + 54*w*t*a^3*b^3 - 12*t^2*a^3*b^3 - 129*x^2*a^2*b^4 -
207*x*y*a^2*b^4 - 15*y^2*a^2*b^4 - 216*x*z*a^2*b^4 + 21*y*z*a^2*b^4 +
48*z^2*a^2*b^4 + 18*x*w*a^2*b^4 - 51*y*w*a^2*b^4 - 66*z*w*a^2*b^4 +
12*w^2*a^2*b^4 - 207*x*t*a^2*b^4 - 39*y*t*a^2*b^4 + 21*z*t*a^2*b^4 -
51*w*t*a^2*b^4 - 15*t^2*a^2*b^4 - 6*x^2*a^4*b*c + 30*x*y*a^4*b*c +
20*y^2*a^4*b*c + 20*y*z*a^4*b*c - 10*z^2*a^4*b*c - 30*x*w*a^4*b*c +
20*y*w*a^4*b*c - 20*z*w*a^4*b*c - 10*w^2*a^4*b*c - 12*x*t*a^4*b*c +
10*y*t*a^4*b*c - 40*z*t*a^4*b*c - 10*w*t*a^4*b*c - 16*t^2*a^4*b*c +
42*x^2*a^3*b^2*c - 105*x*y*a^3*b^2*c - 36*y^2*a^3*b^2*c -
51*x*z*a^3*b^2*c - 99*y*z*a^3*b^2*c - 21*z^2*a^3*b^2*c -
96*x*w*a^3*b^2*c + 27*y*w*a^3*b^2*c - 99*z*w*a^3*b^2*c +
42*w^2*a^3*b^2*c - 39*x*t*a^3*b^2*c - 27*y*t*a^3*b^2*c +
24*z*t*a^3*b^2*c - 93*w*t*a^3*b^2*c - 15*t^2*a^3*b^2*c -
39*x^2*a^2*b^3*c - 252*x*y*a^2*b^3*c - 60*y^2*a^2*b^3*c +
270*x*z*a^2*b^3*c + 30*y*z*a^2*b^3*c + 57*z^2*a^2*b^3*c -
252*x*w*a^2*b^3*c - 150*y*w*a^2*b^3*c + 186*z*w*a^2*b^3*c -
33*w^2*a^2*b^3*c + 189*x*t*a^2*b^3*c - 138*y*t*a^2*b^3*c +
21*z*t*a^2*b^3*c + 111*w*t*a^2*b^3*c + 30*t^2*a^2*b^3*c + 27*x^2*a^4*c^2
+ 27*x*y*a^4*c^2 + 10*y^2*a^4*c^2 + 27*x*z*a^4*c^2 + 19*y*z*a^4*c^2 +
10*z^2*a^4*c^2 + 27*x*w*a^4*c^2 + y*w*a^4*c^2 + 26*z*w*a^4*c^2 +
w^2*a^4*c^2 + 27*x*t*a^4*c^2 + 8*y*t*a^4*c^2 + 34*z*t*a^4*c^2 +
w*t*a^4*c^2 + 10*t^2*a^4*c^2 - 78*x^2*a^3*b*c^2 + 3*x*y*a^3*b*c^2 -
36*y^2*a^3*b*c^2 - 81*x*z*a^3*b*c^2 - 45*y*z*a^3*b*c^2 -
51*z^2*a^3*b*c^2 - 180*x*w*a^3*b*c^2 - 27*y*w*a^3*b*c^2 -
207*z*w*a^3*b*c^2 - 42*w^2*a^3*b*c^2 - 171*x*t*a^3*b*c^2 +
27*y*t*a^3*b*c^2 - 168*z*t*a^3*b*c^2 - 69*w*t*a^3*b*c^2 -
57*t^2*a^3*b*c^2 + 252*x^2*a^2*b^2*c^2 + 243*x*y*a^2*b^2*c^2 -
90*y^2*a^2*b^2*c^2 + 243*x*z*a^2*b^2*c^2 - 36*y*z*a^2*b^2*c^2 -
36*z^2*a^2*b^2*c^2 - 54*x*w*a^2*b^2*c^2 - 144*y*w*a^2*b^2*c^2 -
18*z*w*a^2*b^2*c^2 - 90*w^2*a^2*b^2*c^2 + 270*x*t*a^2*b^2*c^2 +
63*y*t*a^2*b^2*c^2 + 18*z*t*a^2*b^2*c^2 - 9*w*t*a^2*b^2*c^2 +
18*t^2*a^2*b^2*c^2 - 56*x*y*a^3*c^3 - 12*y^2*a^3*c^3 - 28*x*z*a^3*c^3 -
24*y*z*a^3*c^3 + 56*x*w*a^3*c^3 + 60*z*w*a^3*c^3 + 12*w^2*a^3*c^3 +
28*x*t*a^3*c^3 - 60*y*t*a^3*c^3 + 24*w*t*a^3*c^3 + 24*x^2*a^2*b*c^3 +
90*x*y*a^2*b*c^3 - 60*y^2*a^2*b*c^3 - 297*x*z*a^2*b*c^3 -
78*y*z*a^2*b*c^3 - 51*z^2*a^2*b*c^3 + 153*x*w*a^2*b*c^3 -
42*y*w*a^2*b*c^3 - 210*z*w*a^2*b*c^3 - 33*w^2*a^2*b*c^3 -
369*x*t*a^2*b*c^3 + 60*y*t*a^2*b*c^3 - 24*z*t*a^2*b*c^3 -
150*w*t*a^2*b*c^3 - 33*t^2*a^2*b*c^3 - 138*x^2*a^2*c^4 - 198*x*y*a^2*c^4
- 15*y^2*a^2*c^4 - 54*x*z*a^2*c^4 - 33*y*z*a^2*c^4 - 6*z^2*a^2*c^4 -
63*x*w*a^2*c^4 + 3*y*w*a^2*c^4 + 60*z*w*a^2*c^4 + 12*w^2*a^2*c^4 -
102*y*t*a^2*c^4 - 42*z*t*a^2*c^4 + 21*w*t*a^2*c^4 - 6*t^2*a^2*c^4 +
6*x^2*a^4*b*d + 6*x*y*a^4*b*d - 16*y^2*a^4*b*d + 6*x*z*a^4*b*d -
22*y*z*a^4*b*d - 16*z^2*a^4*b*d + 6*x*w*a^4*b*d + 8*y*w*a^4*b*d -
2*z*w*a^4*b*d + 14*w^2*a^4*b*d + 6*x*t*a^4*b*d + 28*y*t*a^4*b*d -
22*z*t*a^4*b*d + 8*w*t*a^4*b*d - 16*t^2*a^4*b*d + 126*x^2*a^3*b^2*d -
15*y^2*a^3*b^2*d + 174*x*z*a^3*b^2*d + 63*y*z*a^3*b^2*d +
120*z^2*a^3*b^2*d - 114*x*w*a^3*b^2*d - 54*y*w*a^3*b^2*d -
60*z*w*a^3*b^2*d - 60*w^2*a^3*b^2*d + 12*y*t*a^3*b^2*d +
63*z*t*a^3*b^2*d - 54*w*t*a^3*b^2*d - 15*t^2*a^3*b^2*d +
240*x^2*a^2*b^3*d + 117*x*y*a^2*b^3*d + 30*y^2*a^2*b^3*d +
378*x*z*a^2*b^3*d - 51*y*z*a^2*b^3*d - 114*z^2*a^2*b^3*d +
126*x*w*a^2*b^3*d + 39*y*w*a^2*b^3*d + 114*z*w*a^2*b^3*d +
66*w^2*a^2*b^3*d + 117*x*t*a^2*b^3*d - 210*y*t*a^2*b^3*d -
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51*z*t*a^2*b^3*d + 39*w*t*a^2*b^3*d + 30*t^2*a^2*b^3*d - 6*x^2*a^4*c*d -
42*x*y*a^4*c*d - 16*y^2*a^4*c*d - 12*x*z*a^4*c*d - 22*y*z*a^4*c*d -
16*z^2*a^4*c*d + 18*x*w*a^4*c*d + 8*y*w*a^4*c*d - 2*z*w*a^4*c*d +
14*w^2*a^4*c*d - 20*y*t*a^4*c*d - 40*z*t*a^4*c*d + 20*w*t*a^4*c*d -
10*t^2*a^4*c*d - 114*x^2*a^3*b*c*d + 90*x*y*a^3*b*c*d - 30*y^2*a^3*b*c*d
- 162*x*z*a^3*b*c*d + 90*y*z*a^3*b*c*d + 144*z^2*a^3*b*c*d +
126*x*w*a^3*b*c*d + 126*y*w*a^3*b*c*d + 96*z*w*a^3*b*c*d -
66*x*t*a^3*b*c*d + 186*y*t*a^3*b*c*d + 354*z*t*a^3*b*c*d +
66*w*t*a^3*b*c*d + 210*t^2*a^3*b*c*d + 45*x^2*a^2*b^2*c*d +
297*x*y*a^2*b^2*c*d + 90*y^2*a^2*b^2*c*d - 243*x*z*a^2*b^2*c*d +
9*y*z*a^2*b^2*c*d + 63*z^2*a^2*b^2*c*d + 459*x*w*a^2*b^2*c*d +
117*y*w*a^2*b^2*c*d - 9*z*w*a^2*b^2*c*d + 36*w^2*a^2*b^2*c*d -
90*y*t*a^2*b^2*c*d - 99*z*t*a^2*b^2*c*d - 153*w*t*a^2*b^2*c*d -
126*t^2*a^2*b^2*c*d + 66*x^2*a^3*c^2*d - 81*x*y*a^3*c^2*d -
15*y^2*a^3*c^2*d + 123*x*z*a^3*c^2*d - 57*z^2*a^3*c^2*d +
132*x*w*a^3*c^2*d + 72*y*w*a^3*c^2*d + 84*z*w*a^3*c^2*d +
60*w^2*a^3*c^2*d + 105*x*t*a^3*c^2*d - 6*y*t*a^3*c^2*d -
24*z*t*a^3*c^2*d + 48*w*t*a^3*c^2*d - 27*t^2*a^3*c^2*d -
468*x^2*a^2*b*c^2*d + 90*y^2*a^2*b*c^2*d - 243*x*z*a^2*b*c^2*d +
171*y*z*a^2*b*c^2*d + 144*z^2*a^2*b*c^2*d - 270*x*w*a^2*b*c^2*d +
117*y*w*a^2*b*c^2*d + 126*z*w*a^2*b*c^2*d + 36*w^2*a^2*b*c^2*d -
27*x*t*a^2*b*c^2*d + 207*y*t*a^2*b*c^2*d + 117*z*t*a^2*b*c^2*d +
225*w*t*a^2*b*c^2*d + 63*t^2*a^2*b*c^2*d + 132*x^2*a^2*c^3*d -
18*x*y*a^2*c^3*d + 30*y^2*a^2*c^3*d + 297*x*z*a^2*c^3*d +
111*y*z*a^2*c^3*d - 33*z^2*a^2*c^3*d + 45*x*w*a^2*c^3*d +
39*y*w*a^2*c^3*d - 75*z*w*a^2*c^3*d + 66*w^2*a^2*c^3*d +
333*x*t*a^2*c^3*d + 249*y*t*a^2*c^3*d + 84*z*t*a^2*c^3*d +
93*w*t*a^2*c^3*d + 57*t^2*a^2*c^3*d + 12*x^2*a^4*d^2 + 12*x*y*a^4*d^2 +
10*y^2*a^4*d^2 + 12*x*z*a^4*d^2 + 19*y*z*a^4*d^2 + 10*z^2*a^4*d^2 -
3*x*w*a^4*d^2 - 14*y*w*a^4*d^2 + 11*z*w*a^4*d^2 - 14*w^2*a^4*d^2 +
12*x*t*a^4*d^2 - 7*y*t*a^4*d^2 + 19*z*t*a^4*d^2 - 14*w*t*a^4*d^2 +
10*t^2*a^4*d^2 - 108*x^2*a^3*b*d^2 - 48*x*y*a^3*b*d^2 - 57*y^2*a^3*b*d^2
- 90*x*z*a^3*b*d^2 - 45*y*z*a^3*b*d^2 - 30*z^2*a^3*b*d^2 -
108*x*w*a^3*b*d^2 + 54*y*w*a^3*b*d^2 - 84*z*w*a^3*b*d^2 +
60*w^2*a^3*b*d^2 - 48*x*t*a^3*b*d^2 + 150*y*t*a^3*b*d^2 -
45*z*t*a^3*b*d^2 + 54*w*t*a^3*b*d^2 - 57*t^2*a^3*b*d^2 +
198*x^2*a^2*b^2*d^2 + 297*x*y*a^2*b^2*d^2 + 18*y^2*a^2*b^2*d^2 +
162*x*z*a^2*b^2*d^2 + 45*y*z*a^2*b^2*d^2 - 63*z^2*a^2*b^2*d^2 -
54*x*w*a^2*b^2*d^2 + 18*y*w*a^2*b^2*d^2 + 9*z*w*a^2*b^2*d^2 -
36*w^2*a^2*b^2*d^2 + 297*x*t*a^2*b^2*d^2 + 90*y*t*a^2*b^2*d^2 +
45*z*t*a^2*b^2*d^2 + 18*w*t*a^2*b^2*d^2 + 18*t^2*a^2*b^2*d^2 -
48*x^2*a^3*c*d^2 - 237*x*y*a^3*c*d^2 - 57*y^2*a^3*c*d^2 +
51*x*z*a^3*c*d^2 - 15*z^2*a^3*c*d^2 - 102*x*w*a^3*c*d^2 -
90*y*w*a^3*c*d^2 + 6*z*w*a^3*c*d^2 - 60*w^2*a^3*c*d^2 + 27*x*t*a^3*c*d^2
- 84*y*t*a^3*c*d^2 - 102*z*t*a^3*c*d^2 - 30*w*t*a^3*c*d^2 -
27*t^2*a^3*c*d^2 + 45*x^2*a^2*b*c*d^2 + 459*x*y*a^2*b*c*d^2 +
36*y^2*a^2*b*c*d^2 - 153*y*z*a^2*b*c*d^2 - 126*z^2*a^2*b*c*d^2 +
297*x*w*a^2*b*c*d^2 + 117*y*w*a^2*b*c*d^2 - 90*z*w*a^2*b*c*d^2 +
90*w^2*a^2*b*c*d^2 - 243*x*t*a^2*b*c*d^2 - 9*y*t*a^2*b*c*d^2 -
99*z*t*a^2*b*c*d^2 + 9*w*t*a^2*b*c*d^2 + 63*t^2*a^2*b*c*d^2 +
171*x^2*a^2*c^2*d^2 - 81*x*y*a^2*c^2*d^2 + 18*y^2*a^2*c^2*d^2 -
81*x*z*a^2*c^2*d^2 - 198*y*z*a^2*c^2*d^2 + 18*z^2*a^2*c^2*d^2 -
54*x*w*a^2*c^2*d^2 + 99*y*w*a^2*c^2*d^2 + 144*z*w*a^2*c^2*d^2 -
36*w^2*a^2*c^2*d^2 - 378*x*t*a^2*c^2*d^2 - 342*y*t*a^2*c^2*d^2 -
63*z*t*a^2*c^2*d^2 - 171*w*t*a^2*c^2*d^2 - 117*t^2*a^2*c^2*d^2 +
48*x^2*a^3*d^3 + 4*x*y*a^3*d^3 + 8*x*z*a^3*d^3 - 24*y*z*a^3*d^3 -
12*z^2*a^3*d^3 + 92*x*w*a^3*d^3 + 36*z*w*a^3*d^3 + 4*x*t*a^3*d^3 -
84*y*t*a^3*d^3 - 24*z*t*a^3*d^3 - 354*x^2*a^2*b*d^3 - 261*x*y*a^2*b*d^3
- 33*y^2*a^2*b*d^3 - 540*x*z*a^2*b*d^3 + 84*y*z*a^2*b*d^3 +
84*z^2*a^2*b*d^3 - 252*x*w*a^2*b*d^3 - 42*y*w*a^2*b*d^3 -
102*z*w*a^2*b*d^3 - 60*w^2*a^2*b*d^3 - 261*x*t*a^2*b*d^3 +
168*y*t*a^2*b*d^3 + 84*z*t*a^2*b*d^3 - 42*w*t*a^2*b*d^3 -
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33*t^2*a^2*b*d^3 - 39*x^2*a^2*c*d^3 - 252*x*y*a^2*c*d^3 -
33*y^2*a^2*c*d^3 + 189*x*z*a^2*c*d^3 + 111*y*z*a^2*c*d^3 +
30*z^2*a^2*c*d^3 - 252*x*w*a^2*c*d^3 - 150*y*w*a^2*c*d^3 -
138*z*w*a^2*c*d^3 - 60*w^2*a^2*c*d^3 + 270*x*t*a^2*c*d^3 +
186*y*t*a^2*c*d^3 + 21*z*t*a^2*c*d^3 + 30*w*t*a^2*c*d^3 +
57*t^2*a^2*c*d^3 + 60*x^2*a^2*d^4 + 9*x*y*a^2*d^4 - 6*y^2*a^2*d^4 +
135*x*z*a^2*d^4 - 33*y*z*a^2*d^4 - 15*z^2*a^2*d^4 + 153*x*w*a^2*d^4 +
30*y*w*a^2*d^4 + 69*z*w*a^2*d^4 + 30*w^2*a^2*d^4 + 9*x*t*a^2*d^4 -
93*y*t*a^2*d^4 - 33*z*t*a^2*d^4 + 30*w*t*a^2*d^4 - 6*t^2*a^2*d^4 -
2*x^2*a^4*b - 6*x*y*a^4*b + 4/3*y^2*a^4*b + 2*x*z*a^4*b + 13/3*y*z*a^4*b
+ 16/3*z^2*a^4*b + 5*x*w*a^4*b - 5/3*y*w*a^4*b + 20/3*z*w*a^4*b +
7/3*w^2*a^4*b - 6*x*t*a^4*b - 31/3*y*t*a^4*b + 13/3*z*t*a^4*b -
5/3*w*t*a^4*b + 4/3*t^2*a^4*b + 30*x^2*a^3*b^2 + 66*x*y*a^3*b^2 +
33*y^2*a^3*b^2 - 9*x*z*a^3*b^2 + 57*y*z*a^3*b^2 + 9*z^2*a^3*b^2 +
120*x*w*a^3*b^2 + 9*y*w*a^3*b^2 + 84*z*w*a^3*b^2 - 15*w^2*a^3*b^2 +
66*x*t*a^3*b^2 + 21*y*t*a^3*b^2 + 57*z*t*a^3*b^2 + 9*w*t*a^3*b^2 +
33*t^2*a^3*b^2 - 249*x^2*a^2*b^3 - 117*x*y*a^2*b^3 - 12*y^2*a^2*b^3 -
126*x*z*a^2*b^3 - 84*y*z*a^2*b^3 - 39*z^2*a^2*b^3 + 54*x*w*a^2*b^3 +
60*y*w*a^2*b^3 + 39*z*w*a^2*b^3 + 33*w^2*a^2*b^3 - 117*x*t*a^2*b^3 -
69*y*t*a^2*b^3 - 84*z*t*a^2*b^3 + 60*w*t*a^2*b^3 - 12*t^2*a^2*b^3 -
81*x^2*a*b^4 - 153*x*y*a*b^4 - 36*x*z*a*b^4 - 36*x*w*a*b^4 +
81*z*w*a*b^4 - 153*x*t*a*b^4 - 81*y*t*a*b^4 + 13*x^2*a^4*c +
13*x*y*a^4*c + 4/3*y^2*a^4*c + 13*x*z*a^4*c + 13/3*y*z*a^4*c +
16/3*z^2*a^4*c + 13*x*w*a^4*c - 5/3*y*w*a^4*c + 20/3*z*w*a^4*c +
7/3*w^2*a^4*c + 13*x*t*a^4*c + 26/3*y*t*a^4*c + 46/3*z*t*a^4*c +
19/3*w*t*a^4*c + 16/3*t^2*a^4*c - 18*x^2*a^3*b*c + 51*x*y*a^3*b*c +
66*y^2*a^3*b*c + 129*x*z*a^3*b*c + 69*y*z*a^3*b*c + 3*z^2*a^3*b*c -
108*x*w*a^3*b*c + 63*y*w*a^3*b*c + 33*z*w*a^3*b*c + 57*x*t*a^3*b*c +
15*y*t*a^3*b*c - 72*z*t*a^3*b*c + 57*w*t*a^3*b*c - 45*t^2*a^3*b*c +
171*x^2*a^2*b^2*c - 54*x*y*a^2*b^2*c - 36*y^2*a^2*b^2*c -
378*x*z*a^2*b^2*c - 171*y*z*a^2*b^2*c - 117*z^2*a^2*b^2*c -
81*x*w*a^2*b^2*c + 99*y*w*a^2*b^2*c - 342*z*w*a^2*b^2*c +
18*w^2*a^2*b^2*c - 81*x*t*a^2*b^2*c + 144*y*t*a^2*b^2*c -
63*z*t*a^2*b^2*c - 198*w*t*a^2*b^2*c + 18*t^2*a^2*b^2*c + 54*x^2*a*b^3*c
+ 36*x*y*a*b^3*c + 18*x*z*a*b^3*c + 18*x*w*a*b^3*c + 306*x*t*a*b^3*c +
96*x^2*a^3*c^2 + 111*x*y*a^3*c^2 + 33*y^2*a^3*c^2 + 84*x*z*a^3*c^2 +
66*y*z*a^3*c^2 + 48*z^2*a^3*c^2 + 96*x*w*a^3*c^2 + 39*z*w*a^3*c^2 +
15*w^2*a^3*c^2 + 108*x*t*a^3*c^2 + 57*y*t*a^3*c^2 + 96*z*t*a^3*c^2 +
30*w*t*a^3*c^2 + 48*t^2*a^3*c^2 - 45*x^2*a^2*b*c^2 - 36*y^2*a^2*b*c^2 +
189*x*z*a^2*b*c^2 - 90*y*z*a^2*b*c^2 - 36*z^2*a^2*b*c^2 -
243*x*w*a^2*b*c^2 + 18*y*w*a^2*b*c^2 - 72*z*w*a^2*b*c^2 +
18*w^2*a^2*b*c^2 - 135*x*t*a^2*b*c^2 + 9*y*t*a^2*b*c^2 -
36*z*t*a^2*b*c^2 - 9*w*t*a^2*b*c^2 - 90*t^2*a^2*b*c^2 +
243*x^2*a*b^2*c^2 + 378*x*y*a*b^2*c^2 + 108*x*z*a*b^2*c^2 +
108*x*w*a*b^2*c^2 - 162*z*w*a*b^2*c^2 + 135*x*t*a*b^2*c^2 +
162*y*t*a*b^2*c^2 + 102*x^2*a^2*c^3 + 18*x*y*a^2*c^3 - 12*y^2*a^2*c^3 +
36*x*z*a^2*c^3 - 3*y*z*a^2*c^3 + 42*z^2*a^2*c^3 + 216*x*w*a^2*c^3 -
21*y*w*a^2*c^3 + 147*z*w*a^2*c^3 + 33*w^2*a^2*c^3 + 72*x*t*a^2*c^3 -
123*y*t*a^2*c^3 + 24*z*t*a^2*c^3 + 87*w*t*a^2*c^3 + 42*t^2*a^2*c^3 +
36*x*y*a*b*c^3 + 18*x*z*a*b*c^3 + 18*x*w*a*b*c^3 - 288*x*t*a*b*c^3 -
108*x^2*a*c^4 - 153*x*y*a*c^4 - 36*x*z*a*c^4 - 36*x*w*a*c^4 +
81*z*w*a*c^4 + 36*x*t*a*c^4 - 81*y*t*a*c^4 - 2*x^2*a^4*d + 2*x*y*a^4*d +
16/3*y^2*a^4*d - 6*x*z*a^4*d + 13/3*y*z*a^4*d + 4/3*z^2*a^4*d -
9*x*w*a^4*d - 14/3*y*w*a^4*d - 13/3*z*w*a^4*d - 14/3*w^2*a^4*d +
2*x*t*a^4*d - 7/3*y*t*a^4*d + 13/3*z*t*a^4*d - 14/3*w*t*a^4*d +
16/3*t^2*a^4*d + 24*x^2*a^3*b*d - 18*x*y*a^3*b*d - 45*y^2*a^3*b*d +
66*x*z*a^3*b*d - 147*y*z*a^3*b*d - 102*z^2*a^3*b*d - 36*x*w*a^3*b*d -
18*y*w*a^3*b*d - 42*z*w*a^3*b*d + 30*w^2*a^3*b*d - 18*x*t*a^3*b*d -
60*y*t*a^3*b*d - 147*z*t*a^3*b*d - 18*w*t*a^3*b*d - 45*t^2*a^3*b*d +
387*x^2*a^2*b^2*d + 216*x*y*a^2*b^2*d + 18*y^2*a^2*b^2*d +
189*x*z*a^2*b^2*d + 234*y*z*a^2*b^2*d + 234*z^2*a^2*b^2*d +
81*x*w*a^2*b^2*d + 99*y*w*a^2*b^2*d - 45*z*w*a^2*b^2*d -
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36*w^2*a^2*b^2*d + 216*x*t*a^2*b^2*d + 441*y*t*a^2*b^2*d +
234*z*t*a^2*b^2*d + 99*w*t*a^2*b^2*d + 18*t^2*a^2*b^2*d +
324*x^2*a*b^3*d + 306*x*y*a*b^3*d + 288*x*z*a*b^3*d + 288*x*w*a*b^3*d +
306*x*t*a*b^3*d - 81*x*y*a^3*c*d - 45*y^2*a^3*c*d - 129*x*z*a^3*c*d -
120*y*z*a^3*c*d - 45*z^2*a^3*c*d + 30*x*w*a^3*c*d - 36*y*w*a^3*c*d +
30*z*w*a^3*c*d - 30*w^2*a^3*c*d - 93*x*t*a^3*c*d - 150*y*t*a^3*c*d -
54*z*t*a^3*c*d - 24*w*t*a^3*c*d - 39*t^2*a^3*c*d - 468*x^2*a^2*b*c*d -
270*x*y*a^2*b*c*d + 36*y^2*a^2*b*c*d - 27*x*z*a^2*b*c*d +
225*y*z*a^2*b*c*d + 63*z^2*a^2*b*c*d + 117*y*w*a^2*b*c*d +
207*z*w*a^2*b*c*d + 90*w^2*a^2*b*c*d - 243*x*t*a^2*b*c*d +
126*y*t*a^2*b*c*d + 117*z*t*a^2*b*c*d + 171*w*t*a^2*b*c*d +
144*t^2*a^2*b*c*d - 324*x^2*a*b^2*c*d - 54*x*y*a*b^2*c*d -
189*x*z*a*b^2*c*d - 189*x*w*a*b^2*c*d + 162*z*w*a*b^2*c*d -
540*x*t*a*b^2*c*d - 162*y*t*a*b^2*c*d - 45*x^2*a^2*c^2*d -
243*x*y*a^2*c^2*d + 18*y^2*a^2*c^2*d - 135*x*z*a^2*c^2*d -
9*y*z*a^2*c^2*d - 90*z^2*a^2*c^2*d + 18*y*w*a^2*c^2*d + 9*z*w*a^2*c^2*d
- 36*w^2*a^2*c^2*d + 189*x*t*a^2*c^2*d - 72*y*t*a^2*c^2*d -
36*z*t*a^2*c^2*d - 90*w*t*a^2*c^2*d - 36*t^2*a^2*c^2*d -
486*x^2*a*b*c^2*d - 378*x*y*a*b*c^2*d - 351*x*z*a*b*c^2*d -
351*x*w*a*b*c^2*d - 54*x*t*a*b*c^2*d + 162*x^2*a*c^3*d - 18*x*y*a*c^3*d
+ 126*x*z*a*c^3*d + 126*x*w*a*c^3*d - 162*z*w*a*c^3*d + 306*x*t*a*c^3*d
+ 162*y*t*a*c^3*d + 48*x^2*a^3*d^2 + 78*x*y*a^3*d^2 + 48*y^2*a^3*d^2 +
21*x*z*a^3*d^2 + 66*y*z*a^3*d^2 + 33*z^2*a^3*d^2 + 33*x*w*a^3*d^2 +
9*z*w*a^3*d^2 + 78*x*t*a^3*d^2 + 27*y*t*a^3*d^2 + 66*z*t*a^3*d^2 +
48*t^2*a^3*d^2 - 261*x^2*a^2*b*d^2 - 270*x*y*a^2*b*d^2 -
90*y^2*a^2*b*d^2 - 54*x*z*a^2*b*d^2 - 171*y*z*a^2*b*d^2 -
63*z^2*a^2*b*d^2 - 567*x*w*a^2*b*d^2 - 144*y*w*a^2*b*d^2 -
207*z*w*a^2*b*d^2 - 90*w^2*a^2*b*d^2 - 270*x*t*a^2*b*d^2 -
126*y*t*a^2*b*d^2 - 171*z*t*a^2*b*d^2 - 144*w*t*a^2*b*d^2 -
90*t^2*a^2*b*d^2 + 135*x*y*a*b^2*d^2 - 135*x*z*a*b^2*d^2 -
135*x*w*a*b^2*d^2 - 162*z*w*a*b^2*d^2 + 135*x*t*a*b^2*d^2 +
162*y*t*a*b^2*d^2 + 252*x^2*a^2*c*d^2 - 54*x*y*a^2*c*d^2 -
90*y^2*a^2*c*d^2 + 270*x*z*a^2*c*d^2 - 9*y*z*a^2*c*d^2 +
18*z^2*a^2*c*d^2 + 243*x*w*a^2*c*d^2 - 144*y*w*a^2*c*d^2 +
63*z*w*a^2*c*d^2 - 90*w^2*a^2*c*d^2 + 243*x*t*a^2*c*d^2 -
18*y*t*a^2*c*d^2 + 18*z*t*a^2*c*d^2 - 36*w*t*a^2*c*d^2 -
36*t^2*a^2*c*d^2 + 162*x^2*a*b*c*d^2 + 270*x*y*a*b*c*d^2 +
297*x*z*a*b*c*d^2 + 297*x*w*a*b*c*d^2 - 54*x*t*a*b*c*d^2 +
243*x^2*a*c^2*d^2 - 27*x*y*a*c^2*d^2 + 27*x*z*a*c^2*d^2 +
27*x*w*a*c^2*d^2 + 243*z*w*a*c^2*d^2 - 189*x*t*a*c^2*d^2 -
243*y*t*a*c^2*d^2 + 75*x^2*a^2*d^3 + 45*x*y*a^2*d^3 + 42*y^2*a^2*d^3 -
45*x*z*a^2*d^3 - 3*y*z*a^2*d^3 - 12*z^2*a^2*d^3 + 216*x*w*a^2*d^3 +
60*y*w*a^2*d^3 + 120*z*w*a^2*d^3 + 60*w^2*a^2*d^3 + 45*x*t*a^2*d^3 -
150*y*t*a^2*d^3 - 3*z*t*a^2*d^3 + 60*w*t*a^2*d^3 + 42*t^2*a^2*d^3 -
324*x^2*a*b*d^3 - 288*x*y*a*b*d^3 - 306*x*z*a*b*d^3 - 306*x*w*a*b*d^3 -
288*x*t*a*b*d^3 + 54*x^2*a*c*d^3 - 126*x*y*a*c*d^3 + 18*x*z*a*c*d^3 +
18*x*w*a*c*d^3 - 162*z*w*a*c*d^3 + 306*x*t*a*c*d^3 + 162*y*t*a*c*d^3 +
81*x^2*a*d^4 + 36*x*y*a*d^4 + 153*x*z*a*d^4 + 153*x*w*a*d^4 +
81*z*w*a*d^4 + 36*x*t*a*d^4 - 81*y*t*a*d^4 - 5*x^2*a^4 - 5*x*y*a^4 -
8/3*y^2*a^4 - 5*x*z*a^4 - 14/3*y*z*a^4 - 8/3*z^2*a^4 - 5*x*w*a^4 -
2/3*y*w*a^4 - 13/3*z*w*a^4 - 2/3*w^2*a^4 - 5*x*t*a^4 - 1/3*y*t*a^4 -
14/3*z*t*a^4 - 2/3*w*t*a^4 - 8/3*t^2*a^4 + 6*x^2*a^3*b - 24*x*y*a^3*b +
12*y^2*a^3*b - 6*x*z*a^3*b + 42*y*z*a^3*b + 36*z^2*a^3*b + 54*x*w*a^3*b
- 18*y*w*a^3*b + 42*z*w*a^3*b + 6*w^2*a^3*b - 24*x*t*a^3*b -
48*y*t*a^3*b + 42*z*t*a^3*b - 18*w*t*a^3*b + 12*t^2*a^3*b -
105*x^2*a^2*b^2 + 72*x*y*a^2*b^2 + 33*y^2*a^2*b^2 - 36*x*z*a^2*b^2 +
6*y*z*a^2*b^2 - 39*z^2*a^2*b^2 + 153*x*w*a^2*b^2 + 60*y*w*a^2*b^2 +
129*z*w*a^2*b^2 - 12*w^2*a^2*b^2 + 72*x*t*a^2*b^2 + 21*y*t*a^2*b^2 +
6*z*t*a^2*b^2 + 60*w*t*a^2*b^2 + 33*t^2*a^2*b^2 - 54*x^2*a*b^3 -
18*x*y*a*b^3 - 306*x*z*a*b^3 + 126*x*w*a*b^3 - 162*z*w*a*b^3 -
18*x*t*a*b^3 + 162*y*t*a*b^3 + 12*x^2*a^3*c + 48*x*y*a^3*c +
12*y^2*a^3*c + 18*x*z*a^3*c + 24*y*z*a^3*c + 6*z^2*a^3*c - 12*x*w*a^3*c
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- 30*z*w*a^3*c - 6*w^2*a^3*c + 6*x*t*a^3*c + 42*y*t*a^3*c + 12*z*t*a^3*c
- 12*w*t*a^3*c + 6*t^2*a^3*c + 132*x^2*a^2*b*c + 45*x*y*a^2*b*c +
66*y^2*a^2*b*c + 333*x*z*a^2*b*c + 93*y*z*a^2*b*c + 57*z^2*a^2*b*c -
18*x*w*a^2*b*c + 39*y*w*a^2*b*c + 249*z*w*a^2*b*c + 30*w^2*a^2*b*c +
297*x*t*a^2*b*c - 75*y*t*a^2*b*c + 84*z*t*a^2*b*c + 111*w*t*a^2*b*c -
33*t^2*a^2*b*c - 243*x^2*a*b^2*c - 378*x*y*a*b^2*c - 27*x*z*a*b^2*c -
351*x*w*a*b^2*c - 297*x*t*a*b^2*c + 102*x^2*a^2*c^2 + 216*x*y*a^2*c^2 +
33*y^2*a^2*c^2 + 72*x*z*a^2*c^2 + 87*y*z*a^2*c^2 + 42*z^2*a^2*c^2 +
18*x*w*a^2*c^2 - 21*y*w*a^2*c^2 - 123*z*w*a^2*c^2 - 12*w^2*a^2*c^2 +
36*x*t*a^2*c^2 + 147*y*t*a^2*c^2 + 24*z*t*a^2*c^2 - 3*w*t*a^2*c^2 +
42*t^2*a^2*c^2 + 81*x^2*a*b*c^2 - 54*x*y*a*b*c^2 + 297*x*z*a*b*c^2 -
189*x*w*a*b*c^2 + 162*z*w*a*b*c^2 + 189*x*t*a*b*c^2 - 162*y*t*a*b*c^2 +
270*x^2*a*c^3 + 306*x*y*a*c^3 + 18*x*z*a*c^3 + 288*x*w*a*c^3 -
18*x*t*a*c^3 - 12*x^2*a^3*d + 18*x*y*a^3*d + 6*y^2*a^3*d + 24*y*z*a^3*d
+ 12*z^2*a^3*d - 30*x*w*a^3*d - 18*z*w*a^3*d + 18*x*t*a^3*d +
54*y*t*a^3*d + 24*z*t*a^3*d + 6*t^2*a^3*d + 222*x^2*a^2*b*d +
36*x*y*a^2*b*d - 33*y^2*a^2*b*d + 252*x*z*a^2*b*d - 177*y*z*a^2*b*d -
114*z^2*a^2*b*d - 18*x*w*a^2*b*d - 150*y*w*a^2*b*d - 12*z*w*a^2*b*d -
60*w^2*a^2*b*d + 36*x*t*a^2*b*d - 336*y*t*a^2*b*d - 177*z*t*a^2*b*d -
150*w*t*a^2*b*d - 33*t^2*a^2*b*d - 162*x^2*a*b^2*d - 297*x*y*a*b^2*d +
54*x*z*a*b^2*d - 270*x*w*a*b^2*d - 297*x*t*a*b^2*d + 24*x^2*a^2*c*d +
153*x*y*a^2*c*d - 33*y^2*a^2*c*d - 369*x*z*a^2*c*d - 150*y*z*a^2*c*d -
33*z^2*a^2*c*d + 90*x*w*a^2*c*d - 42*y*w*a^2*c*d + 60*z*w*a^2*c*d -
60*w^2*a^2*c*d - 297*x*t*a^2*c*d - 210*y*t*a^2*c*d - 24*z*t*a^2*c*d -
78*w*t*a^2*c*d - 51*t^2*a^2*c*d - 270*x*y*a*b*c*d - 216*x*z*a*b*c*d +
270*x*w*a*b*c*d - 162*z*w*a*b*c*d + 216*x*t*a*b*c*d + 162*y*t*a*b*c*d -
405*x^2*a*c^2*d - 297*x*y*a*c^2*d - 351*x*z*a*c^2*d - 270*x*w*a*c^2*d +
27*x*t*a*c^2*d - 24*x^2*a^2*d^2 + 99*x*y*a^2*d^2 + 42*y^2*a^2*d^2 -
63*x*z*a^2*d^2 + 87*y*z*a^2*d^2 + 33*z^2*a^2*d^2 - 36*x*w*a^2*d^2 +
60*y*w*a^2*d^2 - 60*z*w*a^2*d^2 + 60*w^2*a^2*d^2 + 99*x*t*a^2*d^2 +
210*y*t*a^2*d^2 + 87*z*t*a^2*d^2 + 60*w*t*a^2*d^2 + 42*t^2*a^2*d^2 +
324*x^2*a*b*d^2 + 189*x*y*a*b*d^2 + 540*x*z*a*b*d^2 + 54*x*w*a*b*d^2 +
162*z*w*a*b*d^2 + 189*x*t*a*b*d^2 - 162*y*t*a*b*d^2 + 243*x^2*a*c*d^2 +
351*x*y*a*c*d^2 + 297*x*z*a*c*d^2 + 378*x*w*a*c*d^2 + 27*x*t*a*c*d^2 -
54*x^2*a*d^3 - 18*x*y*a*d^3 - 306*x*z*a*d^3 - 36*x*w*a*d^3 -
18*x*t*a*d^3 - 24*x^2*a^3 - 28*x*y*a^3 - 12*y^2*a^3 - 20*x*z*a^3 -
24*y*z*a^3 - 12*z^2*a^3 - 17*x*w*a^3 - 9*z*w*a^3 - 28*x*t*a^3 -
15*y*t*a^3 - 24*z*t*a^3 - 12*t^2*a^3 + 6*x^2*a^2*b - 45*x*y*a^2*b +
12*y^2*a^2*b - 162*x*z*a^2*b + 75*y*z*a^2*b + 48*z^2*a^2*b +
126*x*w*a^2*b - 51*y*w*a^2*b - 12*z*w*a^2*b - 15*w^2*a^2*b -
45*x*t*a^2*b + 15*y*t*a^2*b + 75*z*t*a^2*b - 51*w*t*a^2*b + 12*t^2*a^2*b
- 243*x^2*a*b^2 - 27*x*y*a*b^2 + 189*x*z*a*b^2 + 27*x*w*a*b^2 +
243*z*w*a*b^2 - 27*x*t*a*b^2 - 243*y*t*a*b^2 - 108*x^2*b^3 - 162*x*y*b^3
- 81*x*z*b^3 - 81*x*w*b^3 - 162*x*t*b^3 - 138*x^2*a^2*c - 63*x*y*a^2*c +
12*y^2*a^2*c + 21*y*z*a^2*c - 6*z^2*a^2*c - 198*x*w*a^2*c + 3*y*w*a^2*c
- 102*z*w*a^2*c - 15*w^2*a^2*c - 54*x*t*a^2*c + 60*y*t*a^2*c -
42*z*t*a^2*c - 33*w*t*a^2*c - 6*t^2*a^2*c + 405*x^2*a*b*c +
270*x*y*a*b*c - 27*x*z*a*b*c + 297*x*w*a*b*c + 351*x*t*a*b*c -
81*x^2*b^2*c - 162*x*y*b^2*c - 81*x*z*b^2*c - 81*x*w*b^2*c +
81*x*t*b^2*c + 135*x*y*a*c^2 + 108*x*z*a*c^2 - 135*x*w*a*c^2 -
162*z*w*a*c^2 - 108*x*t*a*c^2 + 162*y*t*a*c^2 + 162*x^2*b*c^2 +
162*x*y*b*c^2 + 81*x*z*b*c^2 + 81*x*w*b*c^2 + 162*x*t*b*c^2 +
135*x^2*c^3 + 162*x*y*c^3 + 81*x*z*c^3 + 81*x*w*c^3 - 81*x*t*c^3 -
48*x^2*a^2*d + 9*x*y*a^2*d - 6*y^2*a^2*d + 108*x*z*a^2*d + 21*y*z*a^2*d
+ 12*z^2*a^2*d - 63*x*w*a^2*d + 30*y*w*a^2*d - 39*z*w*a^2*d +
30*w^2*a^2*d + 9*x*t*a^2*d + 123*y*t*a^2*d + 21*z*t*a^2*d + 30*w*t*a^2*d
- 6*t^2*a^2*d + 486*x^2*a*b*d + 351*x*y*a*b*d + 54*x*z*a*b*d +
378*x*w*a*b*d + 351*x*t*a*b*d + 162*x^2*b^2*d + 81*x*y*b^2*d +
162*x*z*b^2*d + 162*x*w*b^2*d + 81*x*t*b^2*d - 81*x^2*a*c*d +
189*x*y*a*c*d - 189*x*z*a*c*d + 54*x*w*a*c*d + 162*z*w*a*c*d -
297*x*t*a*c*d - 162*y*t*a*c*d - 162*x^2*b*c*d - 162*x*y*b*c*d -
81*x*z*b*c*d - 81*x*w*b*c*d - 162*x*t*b*c*d - 324*x^2*c^2*d -
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243*x*y*c^2*d - 243*x*z*c^2*d - 243*x*w*c^2*d - 243*x^2*a*d^2 -
108*x*y*a*d^2 - 135*x*z*a*d^2 - 378*x*w*a*d^2 - 162*z*w*a*d^2 -
108*x*t*a*d^2 + 162*y*t*a*d^2 + 162*x^2*b*d^2 + 162*x*y*b*d^2 +
81*x*z*b*d^2 + 81*x*w*b*d^2 + 162*x*t*b*d^2 + 162*x^2*c*d^2 +
243*x*y*c*d^2 + 243*x*z*c*d^2 + 243*x*w*c*d^2 - 108*x^2*d^3 - 81*x*y*d^3
- 162*x*z*d^3 - 162*x*w*d^3 - 81*x*t*d^3 - 6*x^2*a^2 - 36*x*y*a^2 -
12*y^2*a^2 - 18*x*z*a^2 - 30*y*z*a^2 - 12*z^2*a^2 + 27*x*w*a^2 +
6*y*w*a^2 + 39*z*w*a^2 + 6*w^2*a^2 - 36*x*t*a^2 - 69*y*t*a^2 -
30*z*t*a^2 + 6*w*t*a^2 - 12*t^2*a^2 - 162*x^2*a*b - 126*x*y*a*b -
306*x*z*a*b + 18*x*w*a*b - 162*z*w*a*b - 126*x*t*a*b + 162*y*t*a*b +
162*x^2*b^2 + 243*x*y*b^2 + 243*x*w*b^2 + 243*x*t*b^2 - 270*x^2*a*c -
288*x*y*a*c + 18*x*z*a*c - 306*x*w*a*c - 18*x*t*a*c + 81*x^2*b*c +
162*x*y*b*c + 81*x*z*b*c + 81*x*w*b*c - 81*x*t*b*c - 81*x^2*c^2 -
81*x*y*c^2 + 81*x*z*c^2 - 162*x*w*c^2 - 81*x*t*c^2 - 18*x*y*a*d +
288*x*z*a*d - 36*x*w*a*d - 18*x*t*a*d - 162*x^2*b*d - 81*x*y*b*d -
162*x*z*b*d - 162*x*w*b*d - 81*x*t*b*d + 81*x^2*c*d + 81*x*y*c*d -
81*x*z*c*d + 162*x*w*c*d + 81*x*t*c*d - 81*x^2*d^2 - 81*x*y*d^2 +
81*x*z*d^2 - 162*x*w*d^2 - 81*x*t*d^2 + 108*x^2*a + 36*x*y*a - 36*x*z*a
+ 153*x*w*a + 81*z*w*a + 36*x*t*a - 81*y*t*a - 324*x^2*b - 243*x*y*b -
243*x*w*b - 243*x*t*b - 81*x^2*c - 162*x*y*c - 81*x*z*c - 81*x*w*c +
81*x*t*c + 162*x^2*d + 81*x*y*d + 162*x*z*d + 162*x*w*d + 81*x*t*d +
135*x^2 + 81*x*y - 81*x*z + 162*x*w + 81*x*t

Total time: 52419.370 seconds, Total memory usage: 90561.41MB
```


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