Gröbner basis found for example-C4.mws

```
> map(print, GB,
  "-------------------------------------------------------------
  ------------------------------------");
```

$$2\,\xi\,y\,x\,w^2+\eta\,w^2\,x^2-3\,\eta\,y^2\,w^2-\eta\,z^3\,w-3\,\zeta\,y\,z^2\,w+5\,\zeta\,z^4+2\,\omega\,y\,w\,x^2-2\,\omega\,y^3\,w$$
$$-\omega\,y\,z^3,$$

"----------"

$$y\,w^2\,x^2-y^3\,w^2-y\,z^3\,w+z^5,$$

"----------"

$$2\,y\,x\,w\,\xi\,z^2+z^2\,\eta\,w\,x^2-3\,z^2\,\eta\,y^2\,w-z^3\,y\,\eta\,w+x^2\,\eta\,y\,w^2-y^3\,\eta\,w^2+2\,y\,\zeta\,z^4$$
$$-5\,x^2\,w\,y\,\zeta\,z+5\,y^3\,\zeta\,z\,w+2\,y\,z^2\,x^2\,\omega-2\,z^2\,y^3\,\omega-z^3\,y^2\,\omega+x^2\,\omega\,y^2\,w-w\,y^4\,\omega,$$

"----------"

$$-w\,y^5\,\omega+4\,z\,y^5\,\omega-y^2\,\eta\,z^4+y^3\,\zeta\,z^3+2\,z^4\,y^2\,\zeta-z^2\,y^4\,\omega-x^2\,z^4\,\eta-w\,y^2\,\eta\,z^3$$
$$+y^3\,x^2\,\omega\,w-y^3\,\omega\,z^3+4\,x^4\,z\,y\,\omega+x^2\,z^2\,y^2\,\omega+4\,x^3\,\xi\,z\,y\,w-8\,x^2\,z\,y^2\,\eta\,w-10\,x^4\,\zeta\,y\,w$$
$$-8\,x^2\,z\,y^3\,\omega+20\,x^2\,y^3\,\zeta\,w-x^2\,\zeta\,y\,z^3+2\,x^4\,z\,\eta\,w+6\,y^4\,z\,\eta\,w-2\,z\,x^2\,\zeta\,y^2\,w$$
$$+2\,z\,y^4\,\zeta\,w+2\,y\,x\,\xi\,z^4+z^2\,x^2\,y\,\eta\,w-z^2\,y^3\,\eta\,w-4\,y^3\,x\,\xi\,z\,w-10\,y^5\,\zeta\,w+x^2\,\eta\,y^2\,w^2$$
$$-y^4\,\eta\,w^2,$$

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$$\omega^2\,z\,y^5-2\,w\,y^3\,\omega\,z\,x\,\xi+2\,w\,y^4\,\omega\,\eta\,z+3\,w\,y^3\,\omega\,x^2\,\zeta-3\,w\,y^5\,\omega\,\zeta-\omega^2\,z\,y^3\,x^2$$
$$+4\,x^4\,y^2\,\omega^2+100\,x^2\,y^3\,\zeta^2\,w-8\,x^2\,y^4\,\omega^2+4\,y^6\,\omega^2+2\,y^2\,\omega\,x\,\xi\,z^3+11\,y^4\,\omega\,\zeta\,z^2$$
$$-y^3\,\omega\,\eta\,z^3-40\,x^2\,\zeta\,z\,y^2\,\eta\,w+10\,x^4\,\zeta\,z\,\eta\,w-x^2\,y\,\omega\,z^3\,\eta+4\,x^3\,y^2\,\omega\,w\,\xi$$
$$-40\,x^2\,y^3\,\omega\,\zeta\,z-8\,x^2\,y^3\,\omega\,\eta\,w-11\,x^2\,y^2\,\omega\,z^2\,\zeta+20\,x^3\,\zeta\,\xi\,z\,y\,w-10\,x^2\,\zeta\,z^4\,\eta$$
$$-50\,x^4\,\zeta^2\,y\,w+20\,x^4\,y\,\omega\,\zeta\,z+2\,x^4\,y\,\omega\,\eta\,w-4\,y^4\,\omega\,x\,w\,\xi-20\,y^3\,\zeta\,x\,\xi\,z\,w$$
$$+30\,y^4\,\zeta\,z\,\eta\,w+10\,y^2\,\zeta\,z^4\,\eta-50\,y^5\,\zeta^2\,w-20\,y^3\,\zeta^2\,z^3+20\,y^5\,\omega\,\zeta\,z+6\,y^5\,\omega\,\eta\,w$$
$$+20\,x^2\,\zeta^2\,y\,z^3,$$

"----------"

$$-2\,\kappa\,y\,x\,w^2-\lambda\,w^2\,x^2+3\,\lambda\,y^2\,w^2+\lambda\,z^3\,w+3\,\mu\,y\,z^2\,w-5\,\mu\,z^4-2\,\nu\,y\,w\,x^2+2\,\nu\,y^3\,w$$
$$+\nu\,y\,z^3+1,$$

"----------"

$$2\,z^2\,\nu\,y\,w\,x^2-2\,z^2\,\nu\,y^3\,w-\nu\,y^2\,w^2\,x^2+\nu\,y^4\,w^2-3\,z^4\,\mu\,y\,w-5\,z\,\mu\,y\,w^2\,x^2+5\,z\,\mu\,y^3\,w^2$$
$$+3\,y^2\,w^2\,\mu\,z^2+z^2\,\lambda\,w^2\,x^2-3\,z^2\,\lambda\,y^2\,w^2+2\,y^3\,w^3\,\lambda+2\,z^2\,\kappa\,y\,x\,w^2-2\,y^2\,w^3\,\kappa\,x-z^2$$
$$+y\,w,\ \text{"----------"}$$

$$40\,x^2\,\omega\,\mu\,z^4-20\,y\,\zeta\,z+8\,x^4\,\omega\,\lambda\,w^2-8\,x^2\,\omega\,\lambda\,z^3\,w-20\,x^2\,\omega\,\lambda\,y^2\,w^2+8\,x^3\,\omega\,\kappa\,y\,w^2$$
$$-8\,x^2\,\omega-12\,x^2\,\omega\,\mu\,y\,z^2\,w-8\,y^3\,\omega\,\kappa\,x\,w^2+12\,y^3\,\omega\,\mu\,z^2\,w+2\,y^2\,\omega\,\lambda\,z^3\,w$$

$$+16\,\eta\,w^3\,\mu\,y\,x^2-16\,\eta\,w^3\,\mu\,y^3-2\,z\,y\,\omega\,\lambda\,w^2\,x^2-4\,z\,y^2\,\omega\,\kappa\,x\,w^2-10\,z^3\,y^2\,\omega\,\mu\,w$$
$$+2\,z^4\,y\,\omega\,\lambda\,w+6\,z\,y^3\,\omega\,\lambda\,w^2+8\,y^2\,\omega+2\,z\,y\,\omega+10\,\eta\,y\,w-100\,y^2\,\zeta\,\mu\,w^2\,x^2$$
$$+100\,y^4\,\zeta\,\mu\,w^2+2\,z\,\eta\,w+40\,y^2\,\zeta\,z\,\kappa\,x\,w^2+20\,y\,\zeta\,z\,\lambda\,w^2\,x^2-60\,y^3\,\zeta\,z\,\lambda\,w^2$$
$$+10\,y\,\zeta\,z^4\,\lambda\,w+40\,y^2\,\zeta\,z^3\,\mu\,w+40\,y^2\,\zeta\,z\,\nu\,w\,x^2-40\,y^4\,\zeta\,z\,\nu\,w-40\,y^2\,\omega\,\mu\,z^4$$
$$+12\,y^4\,\omega\,\lambda\,w^2-5\,\zeta\,y\,w+10\,z^2\,\zeta\,\kappa\,y\,x\,w^2-z^2\,\zeta\,\lambda\,w^2\,x^2-15\,z^2\,\zeta\,\lambda\,y^2\,w^2$$
$$+35\,z^4\,\zeta\,\mu\,y\,w+z^2\,\zeta-4\,x\,w\,\xi+4\,\zeta\,\lambda\,w^3\,y\,x^2-4\,\zeta\,\lambda\,w^2\,y\,z^3+16\,y^2\,\omega\,\mu\,w^2\,x^2$$
$$-16\,y^4\,\omega\,\mu\,w^2+10\,\zeta\,y^2\,w^3\,\kappa\,x+5\,\zeta\,\nu\,y^2\,w^2\,x^2-25\,\zeta\,z\,\mu\,y\,w^2\,x^2+25\,\zeta\,z\,\mu\,y^3\,w^2$$
$$-15\,\zeta\,y^2\,w^2\,\mu\,z^2-5\,\zeta\,\nu\,y^4\,w^2-14\,\zeta\,y^3\,w^3\,\lambda-2\,\nu\,z\,x^2\,\omega\,y^2\,w+2\,\nu\,z\,w\,y^4\,\omega$$
$$-2\,\nu\,z\,x^2\,\eta\,y\,w^2+2\,\nu\,z\,y^3\,\eta\,w^2+6\,\nu\,z^3\,\eta\,w\,x^2+20\,x\,w\,\xi\,\mu\,z^4-4\,x\,w^2\,\xi\,\lambda\,z^3$$
$$+4\,x^3\,w^3\,\xi\,\lambda+8\,\nu\,y^5\,\omega\,w+8\,\nu\,y^4\,\eta\,w^2+8\,x^4\,\nu\,\omega\,y\,w-16\,x^2\,\nu\,\omega\,y^3\,w-20\,x^2\,\nu\,\zeta\,z^4$$
$$-4\,x^2\,\nu\,\eta\,y^2\,w^2-4\,x^4\,\nu\,\eta\,w^2+12\,\eta\,y^3\,w^3\,\lambda+6\,z\,\eta\,w^3\,\lambda\,y^2-10\,z^3\,\eta\,w^2\,\mu\,y$$
$$-4\,z\,\eta\,w^3\,\kappa\,y\,x+6\,\mu\,z^2\,\eta\,w^2\,x^2-2\,z\,\eta\,w^3\,\lambda\,x^2+2\,z^4\,\eta\,w^2\,\lambda-8\,\eta\,y^2\,w^3\,\kappa\,x$$
$$-4\,\eta\,y\,w^3\,\lambda\,x^2+4\,\eta\,y\,w^2\,\lambda\,z^3+12\,\eta\,y^2\,w^2\,\mu\,z^2-50\,\eta\,y\,w\,\mu\,z^4-4\,x^3\,w^3\,\kappa\,\eta$$
$$+4\,x\,w^2\,\kappa\,\eta\,z^3-20\,x\,w\,\kappa\,\zeta\,z^4+4\,x\,w\,\kappa\,\omega\,y\,z^3,$$

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$$3\,\nu\,y^2\,x\,\zeta\,z^2\,w+x\,\eta\,w+3\,x\,\eta\,w^3\,\lambda\,y^2+x\,\eta\,w^2\,\lambda\,z^3+3\,x\,\eta\,w^2\,\mu\,y\,z^2-2\,\xi\,y\,w$$
$$-x^3\,\eta\,w^3\,\lambda-2\,x^2\,\eta\,w^3\,\kappa\,y+4\,y^3\,w^3\,\kappa\,\eta+2\,y^4\,w^2\,\kappa\,\omega+6\,y^2\,w^2\,\kappa\,\zeta\,z^2+3\,x\,\zeta\,z\,\lambda\,y^2\,w^2$$
$$+x\,\zeta\,z^4\,\lambda\,w-12\,x\,\zeta\,z^3\,\mu\,y\,w-12\,x^2\,\zeta\,z\,\kappa\,y\,w^2-x^3\,\zeta\,z\,\lambda\,w^2+x\,\zeta\,z+2\,z^2\,\kappa\,\eta\,w^2\,x^2$$
$$-6\,z^2\,\kappa\,\eta\,y^2\,w^2-6\,z^4\,\kappa\,\zeta\,y\,w+4\,z^2\,\kappa\,\omega\,y\,w\,x^2-4\,z^2\,\kappa\,\omega\,y^3\,w-4\,x^2\,y^2\,\omega\,\kappa\,w^2$$
$$-x^3\,y\,\omega\,\lambda\,w^2+3\,x\,y^3\,\omega\,\lambda\,w^2+x\,y\,\omega\,\lambda\,z^3\,w+3\,x\,y^2\,\omega\,\mu\,z^2\,w+x\,y\,\omega+10\,z\,\kappa\,\zeta\,y^3\,w^2$$
$$-5\,z\,\mu\,x^3\,\eta\,w^2+15\,z\,\mu\,x\,\eta\,y^2\,w^2+10\,z\,\mu\,x\,\omega\,y^3\,w-10\,z\,\mu\,x^3\,\omega\,y\,w-30\,x\,\zeta\,\mu\,y^3\,w^2$$
$$+30\,x^3\,\zeta\,\mu\,y\,w^2+4\,\xi\,z^2\,\nu\,y^3\,w-2\,\xi\,\nu\,y^4\,w^2+2\,\xi\,z^2+2\,x\,\nu\,w\,y^4\,\omega-2\,x^3\,\nu\,\omega\,y^2\,w$$
$$+4\,x^3\,\nu\,y\,z^2\,\omega-4\,x\,\nu\,z^2\,y^3\,\omega-12\,x^3\,\nu\,w\,y\,\zeta\,z+12\,x\,\nu\,y^3\,\zeta\,z\,w-x^3\,\nu\,\eta\,y\,w^2$$
$$+2\,x^3\,\nu\,z^2\,\eta\,w-6\,x\,\nu\,z^2\,\eta\,y^2\,w+6\,\xi\,z^2\,\lambda\,y^2\,w^2-6\,\xi\,y^2\,w^2\,\mu\,z^2-2\,\xi\,z^2\,\lambda\,w^2\,x^2$$
$$-10\,\xi\,z\,\mu\,y^3\,w^2-4\,\xi\,y^3\,w^3\,\lambda+6\,\xi\,z^4\,\mu\,y\,w+3\,x\,\nu\,y^3\,\eta\,w^2,$$

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$$-4\,y\,\zeta\,z-2\,x^2\,\omega\,\lambda\,y^2\,w^2-4\,y^3\,\omega\,\kappa\,x\,w^2+6\,y^3\,\omega\,\mu\,z^2\,w+2\,y^2\,\omega\,\lambda\,z^3\,w$$
$$+4\,y\,\eta\,z\,\lambda\,w^2\,x^2+8\,y^2\,\eta\,z\,\kappa\,x\,w^2-4\,y\,\eta\,z^4\,\lambda\,w-12\,y^3\,\eta\,z\,\lambda\,w^2+18\,y^2\,\eta\,z^3\,\mu\,w$$
$$+2\,y\,\eta\,z+2\,y^2\,\omega-\eta\,z\,\mu\,y^3\,w^2+20\,\mu\,y^4\,\eta\,w^2+20\,\mu\,y^5\,\omega\,w+\eta\,z^2+\eta\,z\,\mu\,y\,w^2\,x^2$$
$$-\eta\,z^2\,\lambda\,w^2\,x^2+3\,\eta\,z^2\,\lambda\,y^2\,w^2-2\,\eta\,z^2\,\kappa\,y\,x\,w^2+\eta\,y\,w-12\,y^2\,\zeta\,\mu\,w^2\,x^2+12\,y^4\,\zeta\,\mu\,w^2$$
$$+12\,z\,\lambda\,y^2\,\omega\,w\,x^2-12\,z\,\lambda\,y^4\,\omega\,w-6\,z^4\,\lambda\,y^2\,\omega+16\,x^3\,\zeta\,\kappa\,y\,w^2-22\,x^2\,\zeta\,\lambda\,y^2\,w^2$$
$$+2\,x^2\,\zeta\,\lambda\,z^3\,w-4\,x^2\,\zeta\,\mu\,y\,z^2\,w-2\,x^4\,\zeta\,\lambda\,w^2+40\,x^2\,\zeta\,\mu\,z^4+8\,y^2\,\zeta\,z\,\kappa\,x\,w^2$$
$$+4\,y\,\zeta\,z\,\lambda\,w^2\,x^2-12\,y^3\,\zeta\,z\,\lambda\,w^2-4\,y\,\zeta\,z^4\,\lambda\,w+4\,y^2\,\zeta\,z\,\nu\,w\,x^2-4\,y^4\,\zeta\,z\,\nu\,w$$
$$-6\,y^2\,\omega\,\mu\,z^4+24\,y^4\,\zeta\,\lambda\,w^2+4\,y^3\,\zeta\,\mu\,z^2\,w-40\,y^2\,\zeta\,\mu\,z^4+10\,y^2\,\zeta\,\lambda\,z^3\,w$$

$$
\begin{aligned}
&- 16\, y^3 \zeta \kappa x w^2 + 6\, y^4 \omega \lambda w^2 + 2\, x^2 \zeta - 2 \nu z^2 y^4 \omega - 2 \nu x^2 z^4 \eta + 8 \nu z y^5 \omega \\
&- 16\, z x \xi \nu y^3 w + 16\, z x^3 \xi \nu y w - 4\, z^4 x \xi \lambda w + 4\, z x^3 \xi \lambda w^2 + 16 \nu y^4 z \eta w - 2\, y^2 \zeta \\
&- 24 \nu y^5 \zeta w + 4 \nu x^4 z \eta w - 16 \nu x^2 z y^3 \omega + 48 \nu x^2 y^3 \zeta w - 20 \nu x^2 z y^2 \eta w \\
&- 24 \nu x^4 \zeta y w + 8 \nu x^4 z y \omega + 2 \nu x^2 z^2 y^2 \omega + 2 \nu y^5 \omega w + \nu y^4 \eta w^2 - 2\, x^2 \nu \omega y^3 w \\
&- x^2 \nu \eta y^2 w^2 + 4\, \eta y^3 w^3 \lambda - 4\, z x^3 \kappa \eta w^2 - 4\, z x \xi - 8\, z x^3 \kappa \omega y w + 8\, z x \kappa \omega y^3 w \\
&+ 4\, z^4 x \kappa \omega y + 4\, z^4 x \kappa \eta w - 2\, \eta y^2 w^3 \kappa x - 2\, \eta y w^3 \lambda x^2 + 2\, \eta y w^2 \lambda z^3 \\
&+ 3\, \eta y^2 w^2 \mu z^2 - 3\, \eta y w \mu z^4 - 8\, z^3 x \kappa \zeta y w - 18\, z^3 \mu y x^2 \omega - 4\, z \mu x^2 \omega y^2 w \\
&+ 4\, z \mu w y^4 \omega - 14\, z^3 \mu \eta w x^2 + 18\, z^3 \mu y^3 \omega + 20\, x^4 \mu \omega y w - 40\, x^2 \mu \omega y^3 w \\
&- 30\, x^2 \mu \eta y^2 w^2 + 10\, x^4 \mu \eta w^2,
\end{aligned}
$$

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$$
\begin{aligned}
&2\, w^3 x^4 \lambda - 2\, w x^2 + 2\, y^2 w - 3 \mu y^4 w^3 + z y w - z^3 + 6\, y^4 w^3 \lambda + 4\, y^5 w^2 \nu - 8\, w^3 x^2 \lambda y^2 \\
&- w^2 x^2 \lambda z^3 + 10\, w x^2 \mu z^4 + 4\, w^2 x^4 \nu y - 8\, w^2 x^2 \nu y^3 + 11\, z^2 \mu y^3 w^2 - z^3 \lambda y^2 w^2 \\
&+ z \nu y^4 w^2 + 2\, z y^3 w^3 \lambda - 4\, y^3 w^3 \kappa x - 10\, y^2 w \mu z^4 + 4\, w^3 x^3 \kappa y - 11\, w^2 x^2 \mu y z^2 \\
&+ 2\, z^3 \kappa y x w^2 - z \nu y^2 w^2 x^2 - 2\, z y^2 w^3 \kappa x + 3 \mu y^2 w^3 x^2,
\end{aligned}
$$

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$$
\begin{aligned}
&8\, y \omega x \xi + 80\, \omega^2 \mu z y^5 - 90\, y^2 \zeta^2 + 90\, x^2 \zeta^2 + 16\, y^2 \omega^2 x^3 \kappa w - 16\, y^4 \omega^2 x \kappa w \\
&- 8\, y^2 \omega^2 x \kappa z^3 - 8\, y \omega x \kappa \eta z^3 w - 24\, y^2 \omega x \kappa \zeta z^2 w + 16\, x^3 \omega \eta \kappa y w^2 \\
&- 4\, x^2 \omega \eta \mu y z^2 w - 12\, x^2 \omega \eta \lambda z^3 w - 4\, x^2 \omega \eta - 32\, x^2 \omega \eta \lambda y^2 w^2 + 8\, x^4 \omega \eta \lambda w^2 \\
&- 4\, y^2 \omega \eta + 10\, y^2 \omega \zeta - 32 \nu y^5 \omega \eta w + 32 \nu x^2 y^3 \omega \eta w - 32 \nu x^3 y^2 \omega w \xi \\
&+ 32 \nu y^4 \omega x w \xi + 4 \nu \omega^2 z y^3 x^2 - 16 \nu x^4 y^2 \omega^2 + 32 \nu x^2 y^4 \omega^2 + 8 \nu w y^3 \omega z x \xi \\
&- 8 \nu w y^4 \omega \eta z - 16 \nu y^6 \omega^2 - 15\, \zeta \eta y w \mu z^4 - 110\, \zeta z^3 \mu y x^2 \omega - 70\, \zeta z^3 \mu \eta w x^2 \\
&+ 110\, \zeta z^3 \mu y^3 \omega - 100\, \zeta x^4 \mu \omega y w + 20\, \zeta z^4 x \kappa \eta w - 10\, \zeta \eta y^2 w^3 \kappa x \\
&- 10\, \zeta \eta y w^3 \lambda x^2 + 10\, \zeta \eta y w^2 \lambda z^3 - 40\, \zeta z x^3 \kappa \omega y w + 40\, \zeta z x \kappa \omega y^3 w \\
&- 20\, \zeta z x^3 \kappa \eta w^2 + 60\, \zeta z^4 x \kappa \omega y + 15\, \zeta \eta y^2 w^2 \mu z^2 + 200\, \zeta x^2 \mu \omega y^3 w \\
&+ 50\, \zeta x^2 \mu \eta y^2 w^2 + 50\, \zeta x^4 \mu \eta w^2 - 20\, \zeta \nu x^2 z y^2 \eta w - 40\, \zeta \nu x^4 z y \omega \\
&+ 20\, \zeta z x^3 \xi \lambda w^2 + 40\, \zeta \nu y^4 z \eta w - 20\, \zeta \nu x^4 z \eta w - 54\, \zeta \nu z^2 y^4 \omega + 30\, \zeta \nu x^2 z^4 \eta \\
&- 40\, \zeta \nu z y^5 \omega + 22\, \zeta \nu y^5 \omega w - 10\, \zeta \eta z^2 \kappa y x w^2 + 60\, \zeta z \lambda y^2 \omega w x^2 \\
&- 60\, \zeta z \lambda y^4 \omega w - 90\, \zeta z^4 \lambda y^2 \omega - 14\, \zeta y^2 \omega \mu z^4 - 20\, \zeta z x \xi + 15\, \zeta \eta z^2 \lambda y^2 w^2 \\
&+ 22\, \zeta y^4 \omega \lambda w^2 - 20\, \zeta z^4 x \xi \lambda w + 80\, \zeta \nu x^2 z y^3 \omega + 54\, \zeta \nu x^2 z^2 y^2 \omega + 5\, \zeta \nu y^4 \eta w^2 \\
&- 22\, \zeta x^2 \nu \omega y^3 w - 5\, \zeta x^2 \nu \eta y^2 w^2 + 20\, \zeta \eta y^3 w^3 \lambda - 5\, \zeta \eta z \mu y^3 w^2 \\
&- 100\, \zeta \mu y^4 \eta w^2 - 100\, \zeta \mu y^5 \omega w + 5\, \zeta \eta z \mu y w^2 x^2 - 5\, \zeta \eta z^2 \lambda w^2 x^2 \\
&- 20\, \zeta y \eta z \lambda w^2 x^2 - 40\, \zeta y^2 \eta z \kappa x w^2 + 20\, \zeta y \eta z^4 \lambda w + 2\, \zeta y^2 \omega \lambda z^3 w \\
&+ 60\, \zeta y^3 \eta z \lambda w^2 + 10\, \zeta y^2 \eta z^3 \mu w + 50\, \zeta y \eta z + 5\, \zeta \eta y w - 4 \nu \omega^2 z y^5
\end{aligned}
$$

$$
\begin{aligned}
&- 40\, z^3\, x\, \kappa\, \zeta^2\, y\, w - 2\, \zeta\, x^2\, \omega\, \lambda\, y^2\, w^2 - 20\, \zeta\, y^3\, \omega\, \kappa\, x\, w^2 + 30\, \zeta\, y^3\, \omega\, \mu\, z^2\, w \\
&- 20\, y\, \zeta^2\, z^4\, \lambda\, w + 20\, y^2\, \zeta^2\, z\, \nu\, w\, x^2 - 20\, y^4\, \zeta^2\, z\, \nu\, w - 60\, y^3\, \zeta^2\, z\, \lambda\, w^2 - 220\, y^3\, \zeta^2\, \mu\, z^2\, w \\
&- 30\, y^2\, \zeta^2\, \lambda\, z^3\, w + 80\, y^3\, \zeta^2\, \kappa\, x\, w^2 + 160\, \nu\, x^2\, y^3\, \zeta^2\, w - 80\, \nu\, x^4\, \zeta^2\, y\, w - 80\, x^3\, \zeta^2\, \kappa\, y\, w^2 \\
&+ 210\, x^2\, \zeta^2\, \lambda\, y^2\, w^2 + 90\, x^2\, \zeta^2\, \lambda\, z^3\, w + 220\, x^2\, \zeta^2\, \mu\, y\, z^2\, w + 40\, y^2\, \zeta^2\, z\, \kappa\, x\, w^2 \\
&+ 20\, y\, \zeta^2\, z\, \lambda\, w^2\, x^2 - 60\, y^2\, \zeta^2\, \mu\, w^2\, x^2 + 60\, y^4\, \zeta^2\, \mu\, w^2 - 90\, x^4\, \zeta^2\, \lambda\, w^2 - 200\, x^2\, \zeta^2\, \mu\, z^4 \\
&- 120\, y^4\, \zeta^2\, \lambda\, w^2 + 200\, y^2\, \zeta^2\, \mu\, z^4 - 80\, \nu\, y^5\, \zeta^2\, w + 5\, \zeta\, \eta\, z^2 - 20\, y\, \zeta^2\, z + 80\, \omega^2\, \mu\, x^4\, z\, y \\
&- 160\, \omega^2\, \mu\, x^2\, z\, y^3 - 80\, \omega\, \mu\, y^3\, x\, \xi\, z\, w + 8\, \omega\, \mu\, x^2\, \eta\, y^2\, w^2 - 8\, \omega\, \mu\, y^4\, \eta\, w^2 \\
&+ 40\, \omega\, \mu\, x^4\, z\, \eta\, w + 120\, \omega\, \mu\, y^4\, z\, \eta\, w - 4\, \omega^2\, \mu\, x^2\, z^2\, y^2 + 80\, \omega\, \mu\, x^3\, \xi\, z\, y\, w \\
&- 160\, \omega\, \mu\, x^2\, z\, y^2\, \eta\, w - 8\, \omega\, \mu\, w\, y^2\, \eta\, z^3 + 8\, \omega^2\, \mu\, y^3\, x^2\, w - 8\, \omega^2\, \mu\, y^3\, z^3 + 4\, \omega^2\, \mu\, z^2\, y^4 \\
&- 8\, \omega^2\, \mu\, w\, y^5 - 4\, \omega\, \lambda\, z\, x^2\, \eta\, y\, w^2 + 4\, \omega\, \lambda\, z\, y^3\, \eta\, w^2 + 20\, \omega^2\, \lambda\, z^3\, y^3 + 4\, \omega^2\, \lambda\, z^4\, y^2 \\
&+ 8\, \omega\, \lambda\, z^2\, x^2\, w\, y\, \zeta + 16\, \omega\, \lambda\, z^2\, y^3\, \zeta\, w - 12\, \omega^2\, \lambda\, z^3\, y\, x^2 - 4\, \omega^2\, \lambda\, z\, x^2\, y^2\, w \\
&+ 4\, \omega^2\, \lambda\, z\, w\, y^4 + 4\, \omega\, \lambda\, z^4\, y\, \eta\, w - 16\, y^3\, \omega\, \eta\, \kappa\, x\, w^2 + 24\, y^4\, \omega\, \eta\, \lambda\, w^2 + 20\, y^2\, \omega\, \eta\, \lambda\, z^3\, w \\
&+ 4\, y^3\, \omega\, \eta\, \mu\, z^2\, w + 20\, \omega\, x^2\, \lambda\, \zeta\, z^4 + 8\, \omega^2\, x^4\, \lambda\, y\, w - 32\, \omega^2\, x^2\, \lambda\, y^3\, w + 24\, y^5\, \omega^2\, \lambda\, w,
\end{aligned}
$$

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$$
\begin{aligned}
&-10\, x^2\, \zeta\, z^4\, \lambda\, w - 10\, x^2\, \zeta\, z^3\, \mu\, y\, w + 40\, x^4\, \zeta\, z\, \nu\, y\, w + 40\, x^3\, \zeta\, z\, \kappa\, y\, w^2 + 20\, x^4\, \zeta\, z\, \lambda\, w^2 \\
&- 20\, x^2\, \zeta\, z + 5\, \zeta\, y^2\, w - 2\, z\, y^2\, \omega + 20\, y^2\, \zeta\, z + 2\, \eta\, w\, x^2 - 6\, \eta\, y^2\, w + 8\, y\, x^2\, \omega - z^2\, y\, \zeta \\
&- 8\, y^3\, \omega - 2\, z^3\, \eta - 100\, x^4\, \zeta\, \mu\, y\, w^2 + 22\, x^2\, \omega\, \mu\, y^2\, z^2\, w - 8\, x^3\, \omega\, \kappa\, y^2\, w^2 \\
&+ 16\, x^2\, \omega\, \lambda\, y^3\, w^2 - 5\, \zeta\, z\, \mu\, y^4\, w^2 - 5\, \zeta\, \nu\, y^3\, w^2\, x^2 - 10\, \zeta\, y^3\, w^3\, \kappa\, x + 5\, \zeta\, \nu\, y^5\, w^2 \\
&+ 5\, \zeta\, z\, \mu\, y^2\, w^2\, x^2 + 6\, y^5\, \omega\, \mu\, w^2 - 10\, z^2\, \zeta\, \kappa\, y^2\, x\, w^2 - 6\, y^3\, \omega\, \mu\, w^2\, x^2 - 15\, z^4\, \zeta\, \mu\, y^2\, w \\
&- 12\, y^5\, \omega\, \lambda\, w^2 + 20\, y^3\, \omega\, \mu\, z^4 - 80\, y^3\, \zeta\, z\, \nu\, w\, x^2 + 5\, z^2\, \zeta\, \lambda\, y^3\, w^2 + 40\, y^5\, \zeta\, z\, \nu\, w \\
&+ 10\, y^3\, \zeta\, z^3\, \mu\, w - 10\, y^2\, \zeta\, z^4\, \lambda\, w + 60\, y^4\, \zeta\, z\, \lambda\, w^2 - 80\, y^2\, \zeta\, z\, \lambda\, w^2\, x^2 - 40\, y^3\, \zeta\, z\, \kappa\, x\, w^2 \\
&+ 4\, z\, y^3\, \omega\, \kappa\, x\, w^2 + 200\, y^3\, \zeta\, \mu\, w^2\, x^2 - 100\, y^5\, \zeta\, \mu\, w^2 - 4\, z\, y^4\, \omega\, \lambda\, w^2 + 2\, y^3\, \omega\, \lambda\, z^3\, w \\
&- 22\, y^4\, \omega\, \mu\, z^2\, w + 8\, y^4\, \omega\, \kappa\, x\, w^2 + 5\, y\, z^2\, \zeta\, \lambda\, w^2\, x^2 + 4\, y\, x\, w\, \xi + 2\, y\, x^2\, \omega\, \lambda\, z^3\, w \\
&- 4\, x\, w\, \kappa\, \omega\, y^2\, z^3 - 4\, y\, x^4\, \omega\, \lambda\, w^2 - 20\, y\, x^2\, \omega\, \mu\, z^4 + 16\, x^2\, \nu\, \omega\, y^4\, w - 8\, x^4\, \nu\, \omega\, y^2\, w \\
&- 8\, \nu\, y^6\, \omega\, w - 2\, \nu\, z\, w\, y^5\, \omega + 2\, \nu\, z\, x^2\, \omega\, y^3\, w + 15\, \zeta\, y^3\, w^2\, \mu\, z^2 + 10\, \zeta\, y^4\, w^3\, \lambda \\
&+ 20\, y\, x\, w\, \kappa\, \zeta\, z^4,
\end{aligned}
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\begin{aligned}
&-40\, x^2\, \zeta\, z^4\, \lambda\, w + 100\, x^4\, \zeta\, z\, \lambda\, w^2 - 100\, x^2\, \zeta\, z - 12\, z\, y^2\, \omega + 100\, y^2\, \zeta\, z + 22\, \eta\, w\, x^2 \\
&+ 34\, \eta\, y^2\, w + 68\, y\, x^2\, \omega + 24\, z^2\, y\, \zeta - 68\, y^3\, \omega - 200\, z\, \mu\, y^5\, \omega\, w - 80\, y\, \eta\, z^2 \\
&+ 100\, y^4\, \eta\, z\, \mu\, w^2 + 20\, y\, \eta\, z^2\, \lambda\, w^2\, x^2 - 60\, y^3\, \eta\, z^2\, \lambda\, w^2 + 5\, z^2\, \eta\, \mu\, y\, w^2\, x^2 + 5\, z\, \eta\, y\, w \\
&- 5\, z^3\, \eta\, \lambda\, y^2\, w^2 + 15\, z^3\, \eta\, \lambda\, w^2\, x^2 - 5\, z\, \eta\, \nu\, y^2\, w^2\, x^2 + 115\, z^2\, \eta\, \mu\, y^3\, w^2 + 5\, z\, \eta\, \nu\, y^4\, w^2 \\
&- 17\, z^3\, \eta - 15\, \eta\, w^3\, \mu\, y^4 + 252\, x^2\, \omega\, \mu\, y^2\, z^2\, w - 128\, x^3\, \omega\, \kappa\, y^2\, w^2 + 196\, x^2\, \omega\, \lambda\, y^3\, w^2 \\
&- 10\, z\, \eta\, y^2\, w^3\, \kappa\, x + 10\, z^3\, \eta\, \kappa\, y\, x\, w^2 + 36\, y^5\, \omega\, \mu\, w^2 - 36\, y^3\, \omega\, \mu\, w^2\, x^2 - 152\, y^5\, \omega\, \lambda\, w^2
\end{aligned}
$$

$$+ 240\, y^3\, \omega\, \mu\, z^4 - 100\, y^2\, \zeta\, z\, \lambda\, w^2\, x^2 + 24\, z\, y^3\, \omega\, \kappa\, x\, w^2 - 24\, z\, y^4\, \omega\, \lambda\, w^2$$
$$+ 15\, \eta\, w^3\, \mu\, y^2\, x^2 + 12\, y^3\, \omega\, \lambda\, z^3\, w - 252\, y^4\, \omega\, \mu\, z^2\, w + 128\, y^4\, \omega\, \kappa\, x\, w^2 - 20\, y\, x^3\, w^3\, \kappa\, \eta$$
$$- 16\, y\, x\, w\, \xi + 32\, y\, x^2\, \omega\, \lambda\, z^3\, w - 24\, x\, w\, \kappa\, \omega\, y^2\, z^3 - 44\, y\, x^4\, \omega\, \lambda\, w^2 - 240\, y\, x^2\, \omega\, \mu\, z^4$$
$$- 110\, \eta\, y^2\, w\, \mu\, z^4 + 20\, \eta\, y^2\, w^3\, \lambda\, x^2 - 60\, \eta\, y^3\, w^3\, \kappa\, x + 70\, \eta\, y^4\, w^3\, \lambda - 40\, x^2\, \nu\, \eta\, y^3\, w^2$$
$$+ 176\, x^2\, \nu\, \omega\, y^4\, w - 88\, x^4\, \nu\, \omega\, y^2\, w + 40\, \nu\, y^5\, \eta\, w^2 - 88\, \nu\, y^6\, \omega\, w - 12\, \nu\, z\, w\, y^5\, \omega$$
$$+ 12\, \nu\, z\, x^2\, \omega\, y^3\, w - 120\, z^2\, \lambda\, y^2\, \omega\, w\, x^2 + 120\, z^2\, \lambda\, y^4\, \omega\, w - 10\, \eta\, w\, x^2\, \mu\, z^4$$
$$+ 10\, \eta\, z\, y^3\, w^3\, \lambda + 40\, x\, z^2\, \kappa\, \eta\, y^2\, w^2 - 80\, x\, z^2\, \kappa\, \omega\, y^3\, w + 40\, x^4\, \nu\, z^2\, \eta\, w - 40\, \xi\, z^2\, \lambda\, w^2\, x^3$$
$$- 200\, z\, \mu\, x^4\, \omega\, y\, w + 400\, z\, \mu\, x^2\, \omega\, y^3\, w + 80\, x^4\, \nu\, y\, z^2\, \omega - 100\, z\, \mu\, x^4\, \eta\, w^2$$
$$+ 80\, z^2\, \kappa\, \omega\, y\, w\, x^3 + 40\, z^2\, \kappa\, \eta\, w^2\, x^3 - 10\, x^4\, \eta\, w^3\, \lambda + 80\, \nu\, y^5\, z^2\, \omega - 40\, \nu\, y^4\, z^2\, \eta\, w$$
$$- 160\, \nu\, y^3\, z^2\, x^2\, \omega + 40\, x\, \xi\, z^2,$$

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$$10\, z^2\, x^2\, \zeta\, \kappa\, y\, w^2 + 35\, z^4\, x\, \zeta\, \mu\, y\, w + 12\, z^2\, x\, \zeta\, \lambda\, y^2\, w^2 + 16\, z^2\, x\, \zeta - 16\, z^2\, x^3\, \zeta\, \lambda\, w^2$$
$$- 20\, w\, x^2\, \kappa\, \zeta\, z^4 - 4\, w^3\, x^4\, \kappa\, \eta - 4\, \xi\, w\, x^2 - 36\, y^4\, w^3\, \kappa\, \eta - 24\, y^5\, w^2\, \kappa\, \omega$$
$$- 66\, y^3\, w^2\, \kappa\, \zeta\, z^2 + 60\, y^2\, w\, \kappa\, \zeta\, z^4 - 12\, z\, y^3\, w^3\, \kappa\, \eta - 6\, z\, y^4\, w^2\, \kappa\, \omega + 10\, x^2\, \zeta\, y^2\, w^3\, \kappa$$
$$+ 25\, x\, \zeta\, z\, \mu\, y^3\, w^2 - 15\, x\, \zeta\, y^2\, w^2\, \mu\, z^2 - 26\, x\, \zeta\, y^3\, w^3\, \lambda - 5\, x\, \zeta\, \nu\, y^4\, w^2 - 25\, x^3\, \zeta\, z\, \mu\, y\, w^2$$
$$+ 5\, x^3\, \zeta\, \nu\, y^2\, w^2 - 14\, x\, \zeta\, y\, w + 21\, x^3\, \mu\, z^2\, \eta\, w^2 + 160\, x^2\, y^2\, \zeta\, z\, \kappa\, w^2 - 80\, x\, y\, \zeta\, z$$
$$+ 7\, \mu\, y\, w^3\, x^3\, \eta + 11\, \mu\, y^3\, w^3\, x\, \eta - 2\, \mu\, y^2\, w^2\, x^3\, \omega + 2\, \mu\, y^4\, w^2\, x\, \omega - 160\, x\, y^4\, \zeta\, z\, \nu\, w$$
$$+ 160\, x^3\, y^2\, \zeta\, z\, \nu\, w + 160\, x\, y^2\, \zeta\, z^3\, \mu\, w - 240\, x\, y^3\, \zeta\, z\, \lambda\, w^2 + 80\, x^3\, y\, \zeta\, z\, \lambda\, w^2$$
$$+ 18\, \kappa\, \zeta\, y^4\, w^3 + 2\, x\, \zeta\, y\, w^2\, \lambda\, z^3 - 2\, x^3\, \zeta\, y\, w^3\, \lambda + 4\, x^3\, \omega - 4\, x^5\, \omega\, \lambda\, w^2 - 20\, x^3\, \omega\, \mu\, z^4$$
$$+ 28\, x^3\, \omega\, \lambda\, y^2\, w^2 + 4\, x^3\, \omega\, \lambda\, z^3\, w + 54\, x^3\, \omega\, \mu\, y\, z^2\, w - 18\, x\, y^3\, \omega\, \mu\, z^2\, w - 40\, x\, y^2\, \omega\, \mu\, z^4$$
$$+ 8\, x\, y^2\, \omega - 400\, x^3\, y^2\, \zeta\, \mu\, w^2 + 400\, x\, y^4\, \zeta\, \mu\, w^2 + 20\, x^3\, \nu\, \eta\, y^2\, w^2 - z^4\, y\, x\, \omega\, \lambda\, w$$
$$- 10\, z^3\, y^2\, x\, \omega\, \mu\, w - 3\, z\, y^3\, x\, \omega\, \lambda\, w^2 + 12\, y^2\, w\, \xi - 4\, x^5\, \nu\, \eta\, w^2 - 20\, x^3\, \nu\, \zeta\, z^4$$
$$+ 4\, \xi\, w^3\, x^4\, \lambda - 18\, \xi\, \mu\, y^4\, w^3 + 6\, \xi\, z\, y\, w + 36\, \xi\, y^4\, w^3\, \lambda + 24\, \xi\, y^5\, w^2\, \nu + z\, y\, x^3\, \omega\, \lambda\, w^2$$
$$- 40\, x\, \nu\, y^4\, \eta\, w^2 - 36\, x\, \nu\, y^3\, \zeta\, z^2\, w - z\, y\, x\, \omega + 66\, \xi\, z^2\, \mu\, y^3\, w^2 - 6\, \xi\, z^3\, \lambda\, y^2\, w^2$$
$$+ 6\, \xi\, z\, \nu\, y^4\, w^2 + 12\, \xi\, z\, y^3\, w^3\, \lambda - 60\, \xi\, y^2\, w\, \mu\, z^4 + 2\, \xi\, w^2\, x^2\, \lambda\, z^3 + 20\, \xi\, w\, x^2\, \mu\, z^4$$
$$- 6\, \xi\, z^3 - z\, x\, \eta\, w + 2\, z\, x^2\, \eta\, w^3\, \kappa\, y + z\, x^3\, \eta\, w^3\, \lambda - 3\, z\, x\, \eta\, w^3\, \lambda\, y^2 - z^4\, x\, \eta\, w^2\, \lambda$$
$$- 10\, z^3\, x\, \eta\, w^2\, \mu\, y + z\, \nu\, y\, x^3\, \eta\, w^2 - 7\, z\, \nu\, y^3\, x\, \eta\, w^2 - 2\, z^3\, \kappa\, \eta\, w^2\, x^2 + 6\, z^3\, \kappa\, \eta\, y^2\, w^2$$
$$- 51\, x\, y^2\, \eta\, w^2\, \mu\, z^2 - 20\, x\, y\, \eta\, w\, \mu\, z^4 + 4\, x\, y\, \eta\, w - 16\, x^4\, \omega\, \kappa\, y\, w^2 + 32\, x^3\, \nu\, \omega\, y^3\, w$$
$$+ 16\, \eta\, y^2\, w^3\, \kappa\, x^2 + 8\, \eta\, y\, w^3\, \lambda\, x^3 - 8\, x^2\, w\, \kappa\, \omega\, y\, z^3 - 4\, x\, y^2\, \omega\, \lambda\, z^3\, w + 4\, \nu\, z\, x^3\, \omega\, y^2\, w$$
$$- 16\, x^5\, \nu\, \omega\, y\, w - 20\, x\, y\, \zeta\, z^4\, \lambda\, w + 16\, y^3\, \omega\, \kappa\, x^2\, w^2 + 8\, z\, y^2\, \omega\, \kappa\, x^2\, w^2 - 4\, x\, \nu\, z\, w\, y^4\, \omega$$
$$- 16\, x\, \nu\, y^5\, \omega\, w - 24\, x\, \eta\, y^3\, w^3\, \lambda - 8\, x\, \eta\, y\, w^2\, \lambda\, z^3,$$

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$$40\, \mu\, y^4\, w^2\, x^2\, \omega - 20\, \mu\, y^2\, w^2\, x^4\, \omega + 8\, z\, y^3\, \omega + \omega\, y^3\, w + 4\, z\, y\, x^4\, \omega\, \lambda\, w^2$$
$$- 16\, z\, y^3\, x^2\, \omega\, \lambda\, w^2 - 2\, z^3\, y^2\, x^2\, \omega\, \mu\, w - 2\, z^4\, y\, x^2\, \omega\, \lambda\, w + 10\, x^2\, \zeta\, y\, w - 4\, x\, \xi\, z\, y\, w$$

$$+ 6\,z\,y^2\,\eta\,w - 10\,y^3\,\zeta\,w + 2\,z^3\,y^4\,\omega\,\mu\,w - 4\,\zeta\,y\,z^3 - 2\,z\,x^2\,\eta\,w - 8\,z\,y\,x^2\,\omega$$
$$- 20\,\mu\,y^6\,w^2\,\omega + 2\,z^4\,\eta + 2\,y^5\,\omega\,\lambda\,w^3 - x^2\,\nu\,\omega\,y^4\,w^2 + \nu\,y^6\,\omega\,w^2 + 3\,y^4\,\omega\,\mu\,z^2\,w^2$$
$$- 2\,y^4\,\omega\,\kappa\,x\,w^3 - 3\,w\,y^3\,\omega\,\mu\,z^4 + 8\,z\,x^4\,\nu\,\omega\,y^2\,w + 8\,z\,\nu\,y^6\,\omega\,w - 8\,z\,y^4\,\omega\,\kappa\,x\,w^2$$
$$- 16\,z\,x^2\,\nu\,\omega\,y^4\,w + 8\,z\,x^3\,\omega\,\kappa\,y^2\,w^2 + 4\,x\,w\,\kappa\,\omega\,y^2\,z^4 - z\,y^5\,\omega\,\mu\,w^2 + z\,y^3\,\omega\,\mu\,w^2\,x^2$$
$$+ 12\,z\,y^5\,\omega\,\lambda\,w^2 - 2\,z^2\,y^3\,\omega\,\kappa\,x\,w^2 + z^2\,y^4\,\omega\,\lambda\,w^2 - 2\,y^3\,\omega\,\lambda\,z^4\,w + z^2\,x^2\,\omega\,\lambda\,y^2\,w^2$$
$$+ z^2\,y^2\,\omega,$$

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$$17\,x^2\,y^2\,\omega + 60\,y^4\,\omega\,\mu\,z^4 - 17\,y^4\,\omega - 63\,y^5\,\omega\,\mu\,z^2\,w - 9\,\mu\,y^4\,w^2\,x^2\,\omega - 3\,z\,y^3\,\omega$$
$$- 60\,x^2\,y^2\,\omega\,\mu\,z^4 + 63\,x^2\,y^3\,\omega\,\mu\,z^2\,w - 6\,x^4\,\omega\,\lambda\,y^2\,w^2 - 25\,x^2\,y\,\zeta\,z + 10\,z^2\,\lambda\,x^4\,\omega\,y\,w$$
$$- 3\,\eta\,y\,z^3 - 4\,x\,y^2\,w\,\xi + 3\,x^2\,y\,\eta\,w + 9\,\mu\,y^6\,w^2\,\omega + 44\,x^2\,\nu\,y^5\,\omega\,w - 22\,x^4\,\nu\,\omega\,y^3\,w$$
$$+ 44\,x^2\,y^4\,\omega\,\lambda\,w^2 - 32\,x^3\,y^3\,\omega\,\kappa\,w^2 - 40\,\nu\,y^4\,z^2\,x^2\,\omega + 100\,z\,\mu\,x^2\,\omega\,y^4\,w$$
$$+ 20\,x^4\,\nu\,y^2\,z^2\,\omega + 20\,z^2\,\kappa\,\omega\,y^2\,w\,x^3 - 50\,z\,\mu\,x^4\,\omega\,y^2\,w - 40\,z^2\,\lambda\,y^3\,\omega\,w\,x^2$$
$$+ 30\,z^2\,\lambda\,y^5\,\omega\,w - 20\,x\,z^2\,\kappa\,\omega\,y^4\,w + 10\,y\,x\,\xi\,z^2 + 20\,\nu\,y^6\,z^2\,\omega - 50\,z\,\mu\,y^6\,\omega\,w$$
$$- 15\,y^2\,\eta\,z^2 + 3\,z^3\,\lambda\,y^2\,\omega\,w\,x^2 - 3\,z\,\nu\,y^6\,\omega\,w + 5\,x^2\,\eta\,z^2 + 6\,z\,y^4\,\omega\,\kappa\,x\,w^2$$
$$+ 3\,z\,x^2\,\nu\,\omega\,y^4\,w - 6\,z\,y^5\,\omega\,\lambda\,w^2 + y^3\,\eta\,w - 38\,y^6\,\omega\,\lambda\,w^2 - 22\,\nu\,y^7\,\omega\,w$$
$$- 6\,x\,w\,\kappa\,\omega\,y^3\,z^3 + 3\,y^4\,\omega\,\lambda\,z^3\,w + 25\,y^3\,\zeta\,z + 6\,z^2\,y^2\,\zeta + 32\,y^5\,\omega\,\kappa\,x\,w^2,$$

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$$8\,\nu\,y^7\,\omega^2 + \eta^2\,w\,x^2 - 15\,\zeta\,y^4\,\omega\,\mu\,z^2\,w + 11\,\zeta\,x^2\,\nu\,\omega\,y^4\,w - 11\,\zeta\,\nu\,y^6\,\omega\,w$$
$$+ 10\,\zeta\,y^4\,\omega\,\kappa\,x\,w^2 - 4\,\zeta\,x^2\,\omega\,\lambda\,y^3\,w^2 - 6\,\zeta\,y^5\,\omega\,\lambda\,w^2 - 3\,\eta^2\,y^2\,w + 30\,y^3\,\zeta^2\,\mu\,w^2\,x^2$$
$$- 30\,y^5\,\zeta^2\,\mu\,w^2 - 25\,y\,\omega\,x^2\,\lambda\,\zeta\,z^4 - 10\,y\,x^2\,\zeta^2\,\lambda\,z^3\,w + 20\,y\,x^4\,\zeta^2\,\lambda\,w^2 + 100\,y\,x^2\,\zeta^2\,\mu\,z^4$$
$$- 20\,y\,\omega\,\mu\,x^4\,z\,\eta\,w + 10\,y\,\zeta\,z\,x\,\xi - 6\,y\,x^4\,\omega\,\eta\,\lambda\,w^2 - 9\,y^3\,\omega\,\eta\,\lambda\,z^3\,w - 4\,\omega^2\,x^4\,\lambda\,y^2\,w$$
$$+ 16\,\omega^2\,x^2\,\lambda\,y^4\,w + 7\,y\,x^2\,\omega\,\eta\,\lambda\,z^3\,w - 18\,y^5\,\omega\,\eta\,\lambda\,w^2 + 6\,\omega^2\,\lambda\,z^3\,y^2\,x^2$$
$$- 60\,\omega\,\mu\,y^5\,z\,\eta\,w - 40\,\omega\,\mu\,x^3\,\xi\,z\,y^2\,w + 40\,\nu\,x^4\,\zeta^2\,y^2\,w + 40\,x^3\,\zeta^2\,\kappa\,y^2\,w^2$$
$$- 80\,x^2\,\zeta^2\,\lambda\,y^3\,w^2 - 110\,x^2\,\zeta^2\,\mu\,y^2\,z^2\,w - 40\,\omega^2\,\mu\,x^4\,z\,y^2 + 80\,\omega^2\,\mu\,x^2\,z\,y^4$$
$$- 80\,\nu\,x^2\,y^4\,\zeta^2\,w + 40\,\omega\,\mu\,y^4\,x\,\xi\,z\,w + 80\,\omega\,\mu\,x^2\,z\,y^3\,\eta\,w + 12\,y^4\,\omega\,\eta\,\kappa\,x\,w^2$$
$$+ 6\,y\,x^2\,\omega\,\eta + 20\,z^3\,x\,\kappa\,\zeta^2\,y^2\,w + 110\,y^4\,\zeta^2\,\mu\,z^2\,w - 10\,y^3\,\zeta^2\,\lambda\,z^3\,w - 40\,y^4\,\zeta^2\,\kappa\,x\,w^2$$
$$- 15\,\zeta\,y^2\,\eta\,z + 60\,y^5\,\zeta^2\,\lambda\,w^2 - 100\,y^3\,\zeta^2\,\mu\,z^4 + 40\,\nu\,y^6\,\zeta^2\,w - 10\,\omega^2\,\lambda\,z^3\,y^4$$
$$- 12\,y^6\,\omega^2\,\lambda\,w - 40\,\zeta\,\nu\,x^2\,z\,y^4\,\omega + 50\,\zeta\,\mu\,y^6\,\omega\,w - 40\,\zeta\,z\,\lambda\,y^3\,\omega\,w\,x^2 + 30\,\zeta\,z\,\lambda\,y^5\,\omega\,w$$
$$+ 55\,\zeta\,z^4\,\lambda\,y^3\,\omega - 100\,\zeta\,x^2\,\mu\,\omega\,y^4\,w - 45\,y\,x^2\,\zeta^2 + 20\,\zeta\,z\,x^3\,\kappa\,\omega\,y^2\,w$$
$$- 20\,\zeta\,z\,x\,\kappa\,\omega\,y^4\,w - 30\,\zeta\,z^4\,x\,\kappa\,\omega\,y^2 + 20\,\zeta\,\nu\,x^4\,z\,y^2\,\omega + 20\,\zeta\,\nu\,z\,y^6\,\omega - 55\,\zeta\,z^3\,\mu\,y^4\,\omega$$
$$+ 50\,\zeta\,x^4\,\mu\,\omega\,y^2\,w + 24\,x^2\,\omega\,\eta\,\lambda\,y^3\,w^2 + 12\,\nu\,y^6\,\omega\,\eta\,w - 8\,\nu\,x^2\,y^4\,\omega\,\eta\,w$$
$$+ 16\,\nu\,x^3\,y^3\,\omega\,w\,\xi - 12\,x^3\,\omega\,\eta\,\kappa\,y^2\,w^2 - 2\,y^3\,\omega\,\eta - 4\,y^2\,\omega\,x\,\xi - 40\,\omega^2\,\mu\,z\,y^6$$
$$+ 8\,\nu\,x^4\,y^3\,\omega^2 - 16\,\nu\,x^2\,y^5\,\omega^2 + 45\,y^3\,\zeta^2 + 2\,y^2\,\omega\,x\,\kappa\,\eta\,z^3\,w - 16\,\nu\,y^5\,\omega\,x\,w\,\xi$$

$$+ 55\,\zeta\, z^3\,\mu\, y^2\, x^2\,\omega + 5\,\zeta\, x^2\, z\,\eta + 4\, y^6\,\omega^2\,\mu\, w - 4\, y^4\,\omega^2\, x^2\,\mu\, w - 7\, y^3\,\omega\, x^2\,\mu\,\eta\, w^2$$
$$+ 7\, y^5\,\omega\,\mu\,\eta\, w^2 - 4\,\eta\, x^4\,\nu\,\omega\, y^2\, w - 10\,\eta\, y\, x^2\,\omega\,\mu\, z^4 + 2\,\eta\, y\, x\, w\,\xi + 10\,\eta\, y^3\,\omega\,\mu\, z^4$$
$$- z^3\,\eta^2 - 3\,\zeta\, y\,\eta\, z^2 - 27\,\zeta\,\nu\, x^2\, z^2\, y^3\,\omega - 9\,\zeta\, z^2\,\lambda\, y^2\,\omega\, w\, x^2 - 3\,\zeta\, z^2\,\lambda\, y^4\,\omega\, w$$
$$+ 27\,\zeta\,\nu\, z^2\, y^5\,\omega + 12\,\zeta\, z^2\, x\,\kappa\,\omega\, y^3\, w + 7\,\zeta\, z^4\,\mu\, y^3\,\omega - 2\,\omega^2\,\mu\, z^2\, y^5 - 2\, z\, y^5\,\omega^2\,\lambda\, w$$
$$+ 2\, z\,\omega^2\, x^2\,\lambda\, y^3\, w + 2\, z\, y^3\,\omega\,\eta\,\kappa\, x\, w^2 - 4\, z\, y^4\,\omega\,\eta\,\lambda\, w^2 + 10\, z\,\nu\, y^5\,\zeta^2\, w$$
$$- 10\, z\,\nu\, x^2\, y^3\,\zeta^2\, w - 20\, z\, y^3\,\zeta^2\,\kappa\, x\, w^2 + 20\, z\, y^4\,\zeta^2\,\lambda\, w^2 - 4\, z\,\nu\, y^4\,\omega\, x\, w\,\xi$$
$$+ z\,\nu\, x^2\, y^3\,\omega\,\eta\, w + 2\, z\,\nu\, y^6\,\omega^2 + 3\, z\,\nu\, y^5\,\omega\,\eta\, w - 2\, z\,\nu\, x^2\, y^4\,\omega^2 - z\, y^2\,\omega\,\eta$$
$$+ 2\, z\, x^2\,\omega\,\eta\,\lambda\, y^2\, w^2 + 4\, y^3\,\omega\,\eta\,\mu\, z^3\, w - 2\, y^2\,\omega\,\eta\,\lambda\, z^4\, w + 4\,\omega\,\lambda\, z^3\, y^3\,\zeta\, w$$
$$+ 13\,\omega\,\mu\, x^2\, z^2\, y^2\,\eta\, w + 10\, z\, y^2\,\zeta^2 - 13\,\omega\,\mu\, y^4\, z^2\,\eta\, w + 4\,\omega^2\,\mu\, z^3\, y^4 + 2\,\omega^2\,\mu\, x^2\, z^2\, y^3$$
$$- 2\,\omega^2\,\lambda\, z^4\, y^3 - 5\,\zeta\, y^3\,\omega - 8\, y^3\,\omega^2\, x^3\,\kappa\, w + 8\, y^5\,\omega^2\, x\,\kappa\, w + 4\, y^3\,\omega^2\, x\,\kappa\, z^3$$
$$+ 10\,\zeta\, z\, x^4\,\lambda\,\omega\, y\, w,$$

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$$176\, z^2\,\zeta\,\lambda\, x^3\,\omega\, y\, w + 48\,\xi\, z^3\,\eta + 192\,\xi\, y^3\,\omega - 512\, z^2\,\zeta\,\lambda\, x\,\omega\, y^3\, w + 272\, x^3\,\omega^2\,\mu\, z^2\, y^2$$
$$- 640\, x^5\,\omega^2\,\mu\, z\, y + 16\, x\,\omega^2\,\mu\, y^3\, z^3 - 88\, x^3\,\omega^2\,\mu\, y^3\, w + 240\, x^3\,\omega\,\mu\, z^4\,\eta$$
$$- 272\, x\,\omega^2\,\mu\, z^2\, y^4 - 640\, x\,\omega^2\,\mu\, z\, y^5 + 88\, x\,\omega^2\,\mu\, w\, y^5 + 1280\, x^3\,\omega^2\,\mu\, z\, y^3$$
$$- 160\, x\,\omega^2\,\lambda\, z^3\, y^3 - 8\, x\,\omega^2\,\lambda\, z^4\, y^2 + 8\, x^3\,\omega^2\,\lambda\, z\, y^2\, w - 8\, x\,\omega^2\,\lambda\, z\, w\, y^4$$
$$+ 24\, x^3\,\omega\,\lambda\, z^3\,\eta\, w - 184\, x\,\omega\,\lambda\, z^3\,\eta\, y^2\, w - 8\, x\,\omega\,\lambda\, z^4\, y\,\eta\, w + 8\, x^3\,\omega\,\lambda\, z\,\eta\, y\, w^2$$
$$- 8\, x\,\omega\,\lambda\, z\, y^3\,\eta\, w^2 + 48\, x^3\,\omega^2\,\lambda\, z^3\, y - 240\,\kappa\,\zeta\, z^4\,\eta\, y^2\, w + 120\,\kappa\,\zeta\, z^2\, y^3\,\eta\, w^2$$
$$+ 240\,\kappa\,\zeta^2\, z^3\, y^3\, w + 640\, x^2\,\omega\,\mu\, y^3\,\xi\, z\, w - 960\, x\,\omega\,\mu\, y^4\, z\,\eta\, w + 8\, x^3\,\omega\,\mu\, z^2\, y\,\eta\, w$$
$$+ 16\, x\,\omega\,\mu\, w\, y^2\,\eta\, z^3 + 1280\, x^3\,\omega\,\mu\, z\, y^2\,\eta\, w - 640\, x^4\,\omega\,\mu\,\xi\, z\, y\, w + 128\,\nu\, x^3\, y^3\,\omega\,\eta\, w$$
$$+ 16\,\nu\,\omega^2\, z\, y^3\, x^3 - 32\, y^2\,\omega^2\, x^2\,\kappa\, z^3 - 16\, x^3\,\omega\,\eta - 536\, x\,\omega\,\mu\, z^2\, y^3\,\eta\, w - 16\, x^5\,\omega\,\lambda\,\eta\, w^2$$
$$- 160\, x^3\,\omega\,\lambda\,\zeta\, z^4 - 16\, x\,\nu\,\omega^2\, z\, y^5 + 60\, x\,\zeta\,\eta\, z^2\,\lambda\, y^2\, w^2 - 128\, x\,\nu\, y^5\,\omega\,\eta\, w$$
$$- 32\, x\,\nu\, w\, y^4\,\omega\,\eta\, z + 20\,\zeta\,\eta\, z\,\mu\, y\, w^2\, x^3 - 20\,\zeta\,\eta\, z^2\,\lambda\, w^2\, x^3 - 40\,\zeta\,\eta\, z^2\,\kappa\, y\, x^2\, w^2$$
$$- 80\,\zeta\, z^4\, x^2\,\xi\,\lambda\, w + 80\,\zeta\, z^4\, x^2\,\kappa\,\eta\, w + 800\,\zeta\, x^3\,\mu\,\omega\, y^3\, w - 288\, x\,\omega^2\,\lambda\, y^5\, w$$
$$- 480\, x\,\omega\,\lambda\, y^4\,\eta\, w^2 + 960\, y^5\,\zeta\, z\,\kappa\,\omega\, w + 1440\, y^4\,\zeta\, z\,\kappa\,\eta\, w^2 + 800\, x^5\,\zeta\,\mu\,\omega\, y\, w$$
$$+ 4400\, x^3\,\zeta\,\mu\,\eta\, y^2\, w^2 - 400\, x^5\,\zeta\,\mu\,\eta\, w^2 - 320\, x^3\,\zeta\, z^3\,\mu\, y\,\omega - 1080\, x^3\,\zeta\, z\,\mu\,\omega\, y^2\, w$$
$$+ 1080\, x\,\zeta\, z\,\mu\, w\, y^4\,\omega - 40\, x^3\,\zeta\, z^3\,\mu\,\eta\, w - 880\, x\,\zeta\, z^3\,\mu\, y^3\,\omega + 40\, x^2\,\zeta\,\eta\, y^2\, w^3\,\kappa$$
$$- 1280\, x^2\,\zeta\, z\,\kappa\,\omega\, y^3\, w - 195\, x\,\zeta\,\eta\, y^2\, w^2\,\mu\, z^2 + 20\, x\,\zeta\,\eta\, y\, w\,\mu\, z^4 - 880\, x^2\,\zeta^2\, z^3\,\kappa\, y\, w$$
$$- 1760\, x^5\,\zeta^2\,\nu\, y\, w + 320\, x^5\,\zeta\,\nu\, z\, y\,\omega + 336\, x^3\,\zeta\,\nu\, z^2\, y^2\,\omega - 1280\, x^3\,\zeta\,\nu\, z\, y^2\,\eta\, w$$
$$+ 128\, x\,\zeta\,\nu\, y^5\,\omega\, w - 60\, x\,\zeta\,\nu\, y^4\,\eta\, w^2 - 48\, x^3\,\zeta\,\nu\,\omega\, y^3\, w + 80\, x^3\,\zeta\,\nu\,\eta\, y^2\, w^2$$
$$- 40\, x\,\zeta\,\eta\, y^3\, w^3\,\lambda + 160\, x^4\,\zeta\, z\,\kappa\,\eta\, w^2 + 320\, x^4\,\zeta\, z\,\kappa\,\omega\, y\, w + 1120\, x\,\zeta\,\nu\, y^4\, z\,\eta\, w$$
$$- 1760\, x\,\zeta^2\,\nu\, y^5\, w + 160\, x^5\,\zeta\,\nu\, z\,\eta\, w - 640\, x^3\,\zeta\,\nu\, z\, y^3\,\omega + 3520\, x^3\,\zeta^2\,\nu\, y^3\, w$$
$$+ 256\, x\,\zeta\, y^4\,\omega\,\lambda\, w^2 - 336\, x\,\zeta\,\nu\, z^2\, y^4\,\omega + 320\, x\,\zeta\,\nu\, z\, y^5\,\omega + 520\, x^3\,\zeta^2\, y^2\, z\,\nu\, w$$

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\begin{aligned}
&- 520\, x\, \zeta^2\, y^4\, z\, \nu\, w - 568\, x\, \zeta\, y^2\, \omega\, \mu\, z^4 - 960\, x\, \zeta^2\, y^3\, z\, \lambda\, w^2 - 3840\, x\, \zeta^2\, y^4\, \lambda\, w^2 \\
&- 8440\, x\, \zeta^2\, y^3\, \mu\, z^2\, w + 10400\, x\, \zeta^2\, y^2\, \mu\, z^4 - 1440\, x\, \zeta^2\, y^2\, \lambda\, z^3\, w + 4160\, x^2\, \zeta^2\, y^3\, \kappa\, w^2 \\
&+ 1520\, x\, \zeta^2\, y^4\, \mu\, w^2 - 960\, x^3\, \zeta\, z\, \lambda\, y^2\, \omega\, w + 1200\, x\, \zeta\, z^4\, \lambda\, y^2\, \omega + 30\, z\, \xi\, y\, w\, \zeta \\
&+ 40\, x\, \zeta\, \eta\, y\, w + 80\, x\, \zeta\, \eta\, z^2 - 480\, x^5\, \zeta^2\, \lambda\, w^2 - 4400\, x^3\, \zeta^2\, \mu\, z^4 - 1600\, x\, \zeta\, \mu\, y^5\, \omega\, w \\
&- 1520\, x^3\, \zeta^2\, y^2\, \mu\, w^2 + 960\, x\, \zeta\, z\, \lambda\, y^4\, \omega\, w - 1760\, x^4\, \zeta^2\, \kappa\, y\, w^2 + 4320\, x^3\, \zeta^2\, \lambda\, y^2\, w^2 \\
&+ 480\, x^3\, \zeta^2\, \lambda\, z^3\, w + 4840\, x^3\, \zeta^2\, \mu\, y\, z^2\, w + 960\, x^2\, \zeta^2\, y^2\, z\, \kappa\, w^2 + 120\, x^3\, \zeta^2\, y\, z\, \lambda\, w^2 \\
&+ 480\, x^3\, \zeta^2 - 1600\, x^2\, \zeta\, y^2\, \eta\, z\, \kappa\, w^2 + 800\, x\, \zeta\, y\, \eta\, z^4\, \lambda\, w - 480\, x\, \zeta^2\, y^2 \\
&- 800\, x^3\, \zeta\, y\, \eta\, z\, \lambda\, w^2 + 2400\, x\, \zeta\, y^3\, \eta\, z\, \lambda\, w^2 - 920\, x\, \zeta\, y^2\, \eta\, z^3\, \mu\, w - 140\, x\, \zeta\, \eta\, z\, \mu\, y^3\, w^2 \\
&- 6400\, x\, \zeta\, \mu\, y^4\, \eta\, w^2 + 426\, x\, \zeta\, y^3\, \omega\, \mu\, z^2\, w + 36\, x\, \zeta\, y^2\, \omega\, \lambda\, z^3\, w + 320\, x\, \zeta\, y\, \eta\, z \\
&- 16\, \xi\, \nu\, z\, x^2\, \omega\, y^3\, w - 30\, \xi\, \zeta\, y^3\, w^2\, \mu\, z^2 - 60\, \xi\, \zeta\, y^4\, w^3\, \lambda + 48\, \xi\, \nu\, z\, w\, y^5\, \omega \\
&+ 528\, \xi\, y^4\, \omega\, \mu\, z^2\, w + 2400\, \xi\, y^5\, \zeta\, \mu\, w^2 + 96\, \xi\, z\, y^4\, \omega\, \lambda\, w^2 - 48\, \xi\, y^3\, \omega\, \lambda\, z^3\, w \\
&- 256\, \xi\, x^2\, \nu\, \omega\, y^4\, w + 64\, \xi\, x^4\, \nu\, \omega\, y^2\, w + 192\, \xi\, \nu\, y^6\, \omega\, w + 288\, \xi\, y^5\, \omega\, \lambda\, w^2 \\
&- 480\, \xi\, y^3\, \omega\, \mu\, z^4 + 960\, \xi\, y^3\, \zeta\, z\, \nu\, w\, x^2 - 120\, \xi\, z^2\, \zeta\, \lambda\, y^3\, w^2 - 960\, \xi\, y^5\, \zeta\, z\, \nu\, w \\
&+ 60\, \xi\, z^4\, \zeta\, \mu\, y^2\, w - 240\, \xi\, y^3\, \zeta\, z^3\, \mu\, w + 240\, \xi\, y^2\, \zeta\, z^4\, \lambda\, w - 1440\, \xi\, y^4\, \zeta\, z\, \lambda\, w^2 \\
&- 144\, \xi\, y^5\, \omega\, \mu\, w^2 + 120\, \xi\, \zeta\, z\, \mu\, y^4\, w^2 - 160\, \xi\, x^4\, \zeta\, z\, \lambda\, w^2 - 480\, \xi\, y^2\, \zeta\, z - 48\, \xi\, \eta\, w\, x^2 \\
&+ 144\, \xi\, \eta\, y^2\, w - 160\, \xi\, y\, x^2\, \omega + 24\, \xi\, z^2\, y\, \zeta - 420\, x\, \zeta^2\, y\, z + 140\, x\, \zeta\, y^2\, \omega + 160\, \xi\, x^2\, \zeta\, z \\
&- 96\, y\, x\, w\, \xi^2 - 60\, \xi\, \zeta\, y^2\, w + 48\, \xi\, z\, y^2\, \omega + 84\, x^3\, \zeta\, \omega\, \lambda\, y^2\, w^2 - 384\, x^2\, \zeta\, y^3\, \omega\, \kappa\, w^2 \\
&- 528\, \kappa\, \omega\, y^4\, z^2\, \zeta\, w - 80\, x^4\, \zeta\, \omega\, \kappa\, y\, w^2 + 240\, x\, \omega\, \mu\, y^2\, \eta\, z^4 - 2400\, y^5\, \zeta^2\, \kappa\, w^2 \\
&+ 208\, x^3\, \omega\, \lambda\, \eta\, y^2\, w^2 - 64\, x^5\, \omega^2\, \lambda\, y\, w + 352\, x^3\, \omega^2\, \lambda\, y^3\, w + 48\, \kappa\, \omega^2\, y^3\, z\, x^2\, w \\
&+ 432\, \kappa\, \omega\, y^2\, z^2\, x^2\, w\, \zeta - 96\, \kappa\, \omega\, y^4\, z\, \eta\, w^2 + 48\, \kappa\, \omega\, y^3\, z^3\, \eta\, w + 16\, \kappa\, \omega\, y\, z^3\, \eta\, w\, x^2 \\
&- 80\, x^5\, \zeta\, \nu\, \omega\, y\, w + 160\, x\, \omega\, \mu\, y^4\, \eta\, w^2 - 16\, x^3\, \omega\, \mu\, \eta\, y^2\, w^2 - 20\, x\, \zeta\, \nu\, z\, w\, y^4\, \omega \\
&+ 20\, x^3\, \zeta\, \nu\, z\, \omega\, y^2\, w - 320\, x^5\, \omega\, \mu\, z\, \eta\, w + 20\, \zeta\, x^3\, \omega + 40\, x^2\, \zeta\, z\, y^2\, \omega\, \kappa\, w^2 \\
&- 100\, x^3\, \nu\, \zeta^2\, z^4 - 40\, x^2\, \zeta\, w\, \kappa\, \omega\, y\, z^3 - 30\, \zeta\, \xi\, z^3 - 70\, x\, \zeta^2\, y\, w - 64\, x\, \nu\, y^6\, \omega^2 \\
&+ 90\, \kappa\, \zeta^2\, y^4\, w^3 - 48\, \kappa\, \omega^2\, y^5\, z\, w + 128\, \nu\, x^3\, y^4\, \omega^2 - 10\, \zeta\, z^3\, \kappa\, \eta\, w^2\, x^2 + 30\, \zeta\, z^3\, \kappa\, \eta\, y^2\, w^2 \\
&+ 5\, \zeta\, z\, x^3\, \eta\, w^3\, \lambda - 15\, \zeta\, z\, x\, \eta\, w^3\, \lambda\, y^2 - 5\, \zeta\, z^4\, x\, \eta\, w^2\, \lambda + 10\, \zeta\, \xi\, w^2\, x^2\, \lambda\, z^3 \\
&+ 100\, \zeta\, \xi\, w\, x^2\, \mu\, z^4 - 5\, \zeta\, z\, x\, \eta\, w + 60\, \zeta\, \xi\, z\, y^3\, w^3\, \lambda + 10\, \zeta\, z\, x^2\, \eta\, w^3\, \kappa\, y \\
&- 50\, \zeta\, z^3\, x\, \eta\, w^2\, \mu\, y + 5\, \zeta\, z\, \nu\, y\, x^3\, \eta\, w^2 - 35\, \zeta\, z\, \nu\, y^3\, x\, \eta\, w^2 + 20\, \zeta\, \xi\, w^3\, x^4\, \lambda \\
&- 90\, \zeta\, \xi\, \mu\, y^4\, w^3 - 20\, \zeta\, x^5\, \nu\, \eta\, w^2 + 5\, \zeta\, z\, y\, x^3\, \omega\, \lambda\, w^2 - 5\, \zeta\, z\, y\, x\, \omega - 30\, \zeta\, \xi\, z^3\, \lambda\, y^2\, w^2 \\
&+ 30\, \zeta\, \xi\, z\, \nu\, y^4\, w^2 + 20\, \zeta\, x^3\, \omega\, \lambda\, z^3\, w + 270\, \zeta\, x^3\, \omega\, \mu\, y\, z^2\, w - 100\, \zeta\, x^3\, \omega\, \mu\, z^4 \\
&- 5\, \zeta\, z^4\, y\, x\, \omega\, \lambda\, w - 50\, \zeta\, z^3\, y^2\, x\, \omega\, \mu\, w - 15\, \zeta\, z\, y^3\, x\, \omega\, \lambda\, w^2 + 35\, \zeta\, \mu\, y\, w^3\, x^3\, \eta \\
&+ 55\, \zeta\, \mu\, y^3\, w^3\, x\, \eta - 10\, \zeta\, \mu\, y^2\, w^2\, x^3\, \omega + 10\, \zeta\, \mu\, y^4\, w^2\, x\, \omega - 20\, \zeta\, x^5\, \omega\, \lambda\, w^2 \\
&+ 60\, \zeta\, y^4\, w^3\, \kappa\, \eta + 144\, \zeta\, y^5\, w^2\, \kappa\, \omega - 60\, \zeta\, z\, y^3\, w^3\, \kappa\, \eta - 30\, \zeta\, z\, y^4\, w^2\, \kappa\, \omega \\
&+ 105\, \zeta\, x^3\, \mu\, z^2\, \eta\, w^2 - 20\, \zeta\, w^3\, x^4\, \kappa\, \eta - 20\, \zeta\, \xi\, w\, x^2 + 80\, x\, y^2\, \zeta^2\, z^3\, \mu\, w
\end{aligned}
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$$+ 10\,x\,\zeta^2\,y\,w^2\,\lambda\,z^3 - 10\,x^3\,\zeta^2\,y\,w^3\,\lambda - 80\,z^2\,x^3\,\zeta^2\,\lambda\,w^2 - 100\,w\,x^2\,\kappa\,\zeta^2\,z^4$$
$$+ 30\,y^3\,w^2\,\kappa\,\zeta^2\,z^2 - 60\,y^2\,w\,\kappa\,\zeta^2\,z^4 + 50\,x^2\,\zeta^2\,y^2\,w^3\,\kappa + 50\,z^2\,x^2\,\zeta^2\,\kappa\,y\,w^2$$
$$+ 175\,z^4\,x\,\zeta^2\,\mu\,y\,w + 60\,z^2\,x\,\zeta^2\,\lambda\,y^2\,w^2 + 125\,x\,\zeta^2\,z\,\mu\,y^3\,w^2 - 75\,x\,\zeta^2\,y^2\,w^2\,\mu\,z^2$$
$$- 130\,x\,\zeta^2\,y^3\,w^3\,\lambda - 25\,x\,\zeta^2\,\nu\,y^4\,w^2 - 125\,x^3\,\zeta^2\,z\,\mu\,y\,w^2 + 25\,x^3\,\zeta^2\,\nu\,y^2\,w^2$$
$$- 128\,x^4\,\omega^2\,\kappa\,y^2\,w + 320\,x^2\,\omega^2\,\kappa\,y^4\,w + 320\,x^2\,\omega\,\kappa\,y^3\,\eta\,w^2 - 16\,x\,y^2\,\omega\,\eta$$
$$- 32\,x^4\,\omega\,\kappa\,y\,\eta\,w^2 + 80\,z^2\,x\,\zeta^2 - 120\,\kappa\,\zeta^2\,z\,y^4\,w^2 - 64\,\nu\,x^5\,y^2\,\omega^2 - 192\,y^6\,\omega^2\,\kappa\,w$$
$$+ 480\,y^3\,\omega\,\kappa\,\zeta\,z^4 - 288\,y^5\,\omega\,\kappa\,\eta\,w^2,$$

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$$48\,x\,\xi\,z^3 + 192\,x^2\,y^2\,\omega + \eta\,y^2\,w^2 + 32\,\xi\,w\,x^3 - 128\,z^2\,x^2\,\zeta - 32\,x^4\,\omega - 96\,y^4\,\nu\,\eta\,w^2\,x^2$$
$$+ 640\,y^4\,\omega\,\mu\,z^4 - 160\,y^4\,\omega - 704\,y^5\,\omega\,\mu\,z^2\,w - 26\,x^2\,\zeta\,y\,w^2\,\lambda\,z^3 - 160\,x^2\,y^3\,\zeta\,z\,\lambda\,w^2$$
$$- 400\,x^2\,y^2\,\zeta\,z^3\,\mu\,w - 320\,x^2\,y^4\,\zeta\,z\,\nu\,w - 48\,\mu\,y^4\,w^2\,x^2\,\omega - 64\,\mu\,y^2\,w^2\,x^4\,\omega$$
$$+ 144\,\mu\,y^3\,w^3\,x^2\,\eta + 200\,x^4\,\zeta\,z\,\mu\,y\,w^2 + 10\,x^2\,\zeta\,y^2\,w^2\,\mu\,z^2 - 8\,z\,y^3\,\omega - 76\,\mu\,y\,w^3\,x^4\,\eta$$
$$- 168\,x^4\,\mu\,z^2\,\eta\,w^2 - 160\,x^2\,\zeta\,z\,\mu\,y^3\,w^2 - 16\,x^2\,\zeta\,y^3\,w^3\,\lambda - 40\,x^3\,\zeta\,y^2\,w^3\,\kappa$$
$$+ 160\,w\,x^3\,\kappa\,\zeta\,z^4 + 128\,z^2\,x^4\,\zeta\,\lambda\,w^2 + 4\,\omega\,y^3\,w + 40\,z^2\,x^2\,\zeta\,\lambda\,y^2\,w^2 - 180\,z^4\,x^2\,\zeta\,\mu\,y\,w$$
$$- 80\,z^2\,x^3\,\zeta\,\kappa\,y\,w^2 + 40\,z^2\,\lambda\,y^4\,\zeta\,w^2 + 16\,z^3\,\kappa\,\eta\,w^2\,x^3 - 24\,z\,\nu\,y^3\,x^2\,\eta\,w^2$$
$$+ 78\,z^3\,x^2\,\eta\,w^2\,\mu\,y + 6\,z^4\,x^2\,\eta\,w^2\,\lambda + 8\,z\,x^2\,\eta\,w^3\,\lambda\,y^2 - 4\,z\,x^4\,\eta\,w^3\,\lambda - 8\,z\,x^3\,\eta\,w^3\,\kappa\,y$$
$$+ 8\,z\,y\,x^4\,\omega\,\lambda\,w^2 - 160\,\xi\,w\,x^3\,\mu\,z^4 - 16\,\xi\,w^2\,x^3\,\lambda\,z^3 + 8\,z\,y^3\,x^2\,\omega\,\lambda\,w^2$$
$$+ 72\,z^3\,y^2\,x^2\,\omega\,\mu\,w + 800\,x^2\,y^4\,\zeta\,\mu\,w^2 - 800\,x^2\,y^2\,\omega\,\mu\,z^4 + 1136\,x^2\,y^3\,\omega\,\mu\,z^2\,w$$
$$- 432\,x^4\,\omega\,\mu\,y\,z^2\,w - 32\,x^4\,\omega\,\lambda\,z^3\,w - 352\,x^4\,\omega\,\lambda\,y^2\,w^2 + 36\,x^4\,\zeta\,y\,w^3\,\lambda + 132\,x^2\,\zeta\,y\,w$$
$$+ 32\,w^3\,x^5\,\kappa\,\eta - 40\,x\,z\,y^3\,w^3\,\kappa\,\eta + 160\,x\,y^2\,w\,\kappa\,\zeta\,z^4 - 80\,x\,y^3\,w^2\,\kappa\,\zeta\,z^2 - 64\,x\,\xi\,z\,y\,w$$
$$- 120\,x\,\kappa\,\zeta\,y^4\,w^3 + 320\,x^2\,y\,\eta\,w\,\mu\,z^4 - 8\,x^2\,y^2\,\eta\,w^2\,\mu\,z^2 + 44\,z\,y^4\,\eta\,w^3\,\lambda$$
$$- 2\,z^4\,y^2\,\eta\,w^2\,\lambda + 2\,z^3\,y^3\,\eta\,w^2\,\mu + 92\,z\,y^2\,\eta\,w - 52\,y^3\,\zeta\,w + 160\,x^4\,\omega\,\mu\,z^4 - 104\,\eta\,y\,z^3$$
$$+ 32\,x^6\,\omega\,\lambda\,w^2 + 8\,z^3\,y^4\,\omega\,\mu\,w - 32\,\xi\,w^3\,x^5\,\lambda + 160\,x^4\,\nu\,\zeta\,z^4 - 26\,\zeta\,y\,z^3 + 32\,x^6\,\nu\,\eta\,w^2$$
$$+ 32\,x\,y^2\,w\,\xi - 48\,x^2\,y\,\eta\,w - 4\,z\,x^2\,\eta\,w - 24\,z\,y\,x^2\,\omega + 112\,\mu\,y^6\,w^2\,\omega$$
$$+ 128\,x^5\,\omega\,\kappa\,y\,w^2 + 32\,\eta\,y^2\,w^3\,x^3\,\kappa - 68\,\eta\,y^5\,\mu\,w^3 + z^2\,y\,\eta\,w + z^2\,y\,\eta\,w^3\,\lambda\,x^2$$
$$+ z^2\,y^3\,\eta\,w^3\,\lambda + 6\,z^4\,\eta + 16\,\eta\,y\,w^3\,x^4\,\lambda + 4\,z^4\,\eta\,\kappa\,y\,x\,w^2 + 64\,x^3\,w\,\kappa\,\omega\,y\,z^3$$
$$+ 640\,x^2\,\nu\,y^5\,\omega\,w + 128\,x^6\,\nu\,\omega\,y\,w - 512\,x^4\,\nu\,\omega\,y^3\,w + 704\,x^2\,y^4\,\omega\,\lambda\,w^2$$
$$- 80\,x^2\,\zeta\,\nu\,y^4\,w^2 - 160\,x^2\,y\,\zeta\,z^4\,\lambda\,w - 384\,x^3\,y^3\,\omega\,\kappa\,w^2 - y^4\,\eta\,w^3\,z\,\mu + 8\,y^5\,\omega\,\lambda\,w^3$$
$$+ 24\,z\,\nu\,y^5\,\eta\,w^2 - 4\,x^2\,\nu\,\omega\,y^4\,w^2 + 4\,\nu\,y^6\,\omega\,w^2 + 12\,y^4\,\omega\,\mu\,z^2\,w^2 - 8\,y^4\,\omega\,\kappa\,x\,w^3$$
$$- 12\,w\,y^3\,\omega\,\mu\,z^4 - 64\,\eta\,y^4\,w^3\,\kappa\,x + 32\,\eta\,y^2\,z^3\,\kappa\,x\,w^2 - 16\,\eta\,y^3\,z^3\,\lambda\,w^2 + 96\,\eta\,y^5\,w^3\,\lambda$$
$$+ 64\,\eta\,y^6\,w^2\,\nu + 48\,z^3\,\lambda\,y^2\,\omega\,w\,x^2 - 32\,z\,\nu\,y^6\,\omega\,w + 96\,z\,y^4\,\omega\,\kappa\,x\,w^2 + 32\,z\,x^2\,\nu\,\omega\,y^4\,w$$
$$- 32\,z\,x^3\,\omega\,\kappa\,y^2\,w^2 + 16\,x\,w\,\kappa\,\omega\,y^2\,z^4 - 4\,z\,y^5\,\omega\,\mu\,w^2 + 4\,z\,y^3\,\omega\,\mu\,w^2\,x^2$$
$$- 80\,z\,y^5\,\omega\,\lambda\,w^2 - 8\,z^2\,y^3\,\omega\,\kappa\,x\,w^2 + 4\,z^2\,y^4\,\omega\,\lambda\,w^2 - 8\,y^3\,\omega\,\lambda\,z^4\,w + 3\,z^2\,\eta\,w^3\,\mu\,y^3$$

$$+ 30\, w^3\, y^3\, \zeta\, \mu\, x^2 - x^2\, w^3\, \nu\, \eta\, y^3 + w^3\, \nu\, y^5\, \eta + 2\, \eta\, y^4\, w^4\, \lambda + 10\, w\, y^2\, \zeta\, z - 10\, y^3\, \zeta\, w^2\, \lambda\, z^3$$
$$- 16\, y^3\, \eta\, w - 40\, y^5\, \zeta\, z\, \mu\, w^2 + 230\, y^4\, \zeta\, w^2\, \mu\, z^2 + 140\, y^5\, \zeta\, w^3\, \lambda - 2\, \eta\, y^3\, w^4\, \kappa\, x$$
$$- 3\, \eta\, y^2\, w^2\, \mu\, z^4 - 20\, w^3\, y^3\, \zeta\, z\, \kappa\, x - 10\, w^2\, y^3\, \zeta\, z\, \nu\, x^2 + 80\, \zeta\, \nu\, y^6\, w^2 - 384\, y^6\, \omega\, \lambda\, w^2$$
$$- 256\, \nu\, y^7\, \omega\, w - 30\, \zeta\, y^5\, \mu\, w^3 - 160\, y^3\, \eta\, w\, \mu\, z^4 + 176\, y^4\, \eta\, w^2\, \mu\, z^2 - 80\, y^3\, \eta\, w^3\, \lambda\, x^2$$
$$- 128\, x\, w\, \kappa\, \omega\, y^3\, z^3 + 64\, y^4\, \omega\, \lambda\, z^3\, w + 10\, \zeta\, y^5\, z\, \nu\, w^2 + 20\, \zeta\, y^4\, z\, w^3\, \lambda$$
$$+ 20\, \zeta\, y^2\, z^3\, \kappa\, x\, w^2 + 160\, y^3\, \zeta\, z - 320\, y^4\, \zeta\, z\, \kappa\, x\, w^2 + 80\, y^4\, \zeta\, z^3\, \mu\, w + 320\, y^6\, \zeta\, z\, \nu\, w$$
$$+ 480\, y^5\, \zeta\, z\, \lambda\, w^2 - 80\, y^3\, \zeta\, z^4\, \lambda\, w - 800\, y^6\, \zeta\, \mu\, w^2 - 2\, x\, w^3\, z^2\, \kappa\, \eta\, y^2 + w^3\, z\, \mu\, x^2\, \eta\, y^2$$
$$+ 4\, z^2\, x^2\, \omega\, \lambda\, y^2\, w^2 + 4\, z^2\, y^2\, \omega + 112\, z^2\, y^2\, \zeta - 220\, z^4\, y^3\, \zeta\, \mu\, w + 256\, y^5\, \omega\, \kappa\, x\, w^2,$$

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$$-4\, y^2\, \omega^2\, x^2 - 25\, y^3\, \zeta^2\, w - 10\, \zeta^2\, y\, z^3 + 5\, \zeta\, z^4\, \eta + 25\, x^2\, \zeta^2\, y\, w - 10\, y\, \omega\, x^2\, \zeta\, z + y^3\, \omega^2\, z$$
$$- y\, \omega\, \eta\, w\, x^2 - 11\, y^3\, \omega^2\, x^2\, \mu\, z^2\, w + 4\, y^3\, \omega^2\, x^3\, \kappa\, w^2 - 8\, y^4\, \omega^2\, x^2\, \lambda\, w^2 + 4\, y^4\, \omega^2$$
$$+ 10\, y^3\, \omega\, \zeta\, z + 3\, y^3\, \omega\, \eta\, w + 3\, y^2\, \omega\, z^2\, \zeta + y\, \omega\, z^3\, \eta - 3\, y^6\, \omega^2\, \mu\, w^2 + 6\, y^6\, \omega^2\, \lambda\, w^2$$
$$- 10\, y^4\, \omega^2\, \mu\, z^4 + 4\, y^7\, \omega^2\, \nu\, w - 10\, \zeta\, x\, \xi\, z\, y\, w + 15\, \zeta\, z\, y^2\, \eta\, w - 5\, \zeta\, z\, x^2\, \eta\, w$$
$$+ 3\, y^4\, \omega^2\, \mu\, w^2\, x^2 - 8\, y^5\, \omega^2\, x^2\, \nu\, w + 4\, y^3\, \omega^2\, x^4\, \nu\, w + y^6\, \omega^2\, \nu\, z\, w - y^4\, \omega^2\, \nu\, z\, x^2\, w$$
$$- 2\, y^2\, \omega\, x\, w\, \xi - y^2\, \omega^2\, x^2\, \lambda\, z^3\, w + 2\, y^3\, \omega^2\, x\, w\, \kappa\, z^3 + 2\, y^2\, \omega^2\, x^4\, \lambda\, w^2 - y^4\, \omega^2\, \lambda\, z^3\, w$$
$$+ 11\, y^5\, \omega^2\, \mu\, z^2\, w - 4\, y^5\, \omega^2\, \kappa\, x\, w^2 + 2\, y^5\, \omega^2\, z\, \lambda\, w^2 + 10\, y^2\, \omega^2\, x^2\, \mu\, z^4 - 2\, y^4\, \omega^2\, z\, \kappa\, x\, w^2,$$

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$$-80\, \omega\, x^3\, \zeta\, w - 4608\, x^2\, y^2\, \omega\, z^3\, \kappa\, \zeta\, w + 1152\, x\, y^2\, \omega\, \eta\, w\, \mu\, z^4 - 960\, x\, y^3\, \omega\, \eta\, w^2\, \mu\, z^2$$
$$- 192\, x\, y^2\, \omega\, \eta\, w^2\, \lambda\, z^3 - 6144\, x^3\, y^3\, \omega\, \nu\, z\, \eta\, w + 18432\, x^3\, y^4\, \omega\, \nu\, \zeta\, w$$
$$+ 6144\, x\, y^5\, \omega\, \nu\, z\, \eta\, w - 768\, x\, y^3\, \omega\, \zeta - 48384\, x\, y^4\, \omega\, \zeta\, \mu\, z^2\, w - 8448\, x\, y^3\, \omega\, \zeta\, \lambda\, z^3\, w$$
$$- 1536\, x\, y^5\, \omega\, \zeta\, z\, \nu\, w + 1536\, x^3\, y^3\, \omega\, \zeta\, z\, \nu\, w + 1536\, \kappa\, \omega\, y^4\, z^3\, \zeta\, w - 1536\, \kappa\, \omega\, y^3\, z^4\, \eta\, w$$
$$+ 8\, \omega\, z^3\, x^3\, \zeta\, \lambda\, w^2 + 16\, \omega\, x^3\, \eta\, w^3\, \nu\, y^2 + 384\, x\, y^3\, \omega^2 + 384\, y\, \omega^2\, x^3 + 80\, \omega\, x^5\, \zeta\, w^3\, \lambda$$
$$+ 96\, y^3\, \omega\, x^2\, \zeta\, w^3\, \kappa - 144\, y^3\, \omega\, x\, \zeta\, w^2\, \mu\, z^2 - 240\, y^4\, \omega\, x\, \zeta\, w^3\, \lambda - 96\, y^5\, \omega\, x\, \zeta\, \nu\, w^2$$
$$- 16\, y^2\, \omega\, x\, \zeta\, w + 480\, y\, \omega\, z^2\, x\, \zeta - 768\, y^3\, \omega\, x\, \zeta\, z^3\, \mu\, w + 192\, y\, \omega^2\, x^3\, \lambda\, z^3\, w$$
$$+ 2112\, y^2\, \omega^2\, x^3\, \mu\, z^2\, w + 96\, y^3\, \omega\, x^3\, \zeta\, \nu\, w^2 + 400\, y^2\, \omega\, \mu\, w^3\, x^3\, \eta - 224\, y^4\, \omega\, \mu\, w^3\, x\, \eta$$
$$+ 64\, y^3\, \omega^2\, \mu\, w^2\, x^3 + 256\, y^5\, \omega^2\, \mu\, w^2\, x + 6144\, z\, y^6\, \omega^2\, \kappa\, w + 9216\, z\, y^5\, \omega\, \kappa\, \eta\, w^2$$
$$+ 128\, y^4\, \omega\, z\, \nu\, x\, \eta\, w^2 - 128\, y^2\, \omega\, z\, x^2\, \eta\, w^3\, \kappa - 64\, y\, \omega\, z\, x^3\, \eta\, w^3\, \lambda + 192\, y^3\, \omega\, z\, x\, \eta\, w^3\, \lambda$$
$$+ 64\, y\, \omega\, z^4\, x\, \eta\, w^2\, \lambda + 8\, y^2\, \omega\, z^3\, x\, \eta\, w^2\, \mu - 192\, y^3\, \omega\, \xi\, z^3\, \lambda\, w^2 + 96\, y^4\, \omega\, \xi\, z\, w^3\, \lambda$$
$$- 32\, y\, \omega\, z\, x\, \eta\, w - 160\, y^2\, \omega\, z\, \nu\, x^3\, \eta\, w^2 + 192\, y^3\, \omega\, z^3\, \kappa\, \eta\, w^2 + 240\, y^2\, \omega\, z^4\, x\, \zeta\, \mu\, w$$
$$- 96\, y^5\, \omega\, \xi\, \mu\, w^3 + 32\, y^2\, \omega^2\, z^4\, x\, \lambda\, w - 16\, y^3\, \omega^2\, z^3\, x\, \mu\, w - 192\, y^4\, \omega^2\, z\, x\, \lambda\, w^2$$
$$+ 96\, y^5\, \omega\, \kappa\, \zeta\, w^3 - 184\, y^2\, \omega\, x\, \zeta\, w^2\, \lambda\, z^3 - 32\, y^2\, \omega\, x^3\, \zeta\, w^3\, \lambda + 96\, z\, \xi\, y^2\, w\, \omega$$
$$- 15360\, y^6\, \omega\, \kappa\, \zeta\, w^2 + 16\, \omega\, z^4\, \kappa\, \eta\, w^2\, x^2 - 48\, \omega\, z^4\, \kappa\, \eta\, y^2\, w^2 + 20\, \omega^2\, y^2\, w\, x$$
$$+ 12\, \omega\, z^2\, x\, \eta\, w^3\, \lambda\, y^2 + 4\, \omega\, z^4\, x\, \eta\, w^2\, \mu\, y + 16\, \omega\, z^2\, x\, \eta\, w - 4\, \omega\, z^2\, x^3\, \eta\, w^3\, \lambda$$

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\begin{aligned}
&- 48\,\omega\,z^3\,\xi\,\mu\,y^3\,w^2 + 48\,\omega\,z^4\,\xi\,\lambda\,y^2\,w^2 - 24\,\omega\,z^2\,\xi\,y^3\,w^3\,\lambda + 24\,\omega\,z\,\xi\,\mu\,y^4\,w^3 \\
&- 24\,\omega\,z^2\,\xi\,y\,w + 8\,\omega^2\,z^2\,y\,x^3\,\lambda\,w^2 - 32\,\omega\,z\,\xi\,w^3\,x^4\,\lambda - 16\,\omega\,z^4\,\xi\,w^2\,x^2\,\lambda \\
&- 8\,\omega\,z^2\,x^2\,\eta\,w^3\,\kappa\,y - 56\,\omega^2\,z^4\,y^2\,x\,\mu\,w + 24\,\omega^2\,z^2\,y^3\,x\,\lambda\,w^2 + 32\,\omega\,z\,x^5\,\nu\,\eta\,w^2 \\
&- 32\,\omega^2\,z^4\,x^3\,\lambda\,w - 32\,\omega^2\,z^3\,x^3\,\mu\,y\,w - 24\,\omega\,z\,\kappa\,\zeta\,y^4\,w^3 + 32\,\omega^2\,z\,x^5\,\lambda\,w^2 \\
&+ 24\,\omega\,z\,x^3\,\zeta\,y\,w^3\,\lambda + 48\,\omega\,z^4\,\xi + 16\,\omega^2\,z\,\mu\,y^2\,w^2\,x^3 - 16\,\omega^2\,z\,\mu\,y^4\,w^2\,x \\
&- 16\,\omega\,z\,x\,\zeta\,\nu\,y^4\,w^2 + 24\,\omega\,z^2\,y^3\,w^3\,\kappa\,\eta + 16\,\omega\,z\,x^2\,\zeta\,y^2\,w^3\,\kappa + 16\,\omega\,z^3\,x\,\zeta\,y^2\,w^2\,\mu \\
&+ 4\,\omega\,z\,x\,\zeta\,y\,w + 48\,\omega\,z^3\,y^3\,w^2\,\kappa\,\zeta + 32\,\omega\,z\,\xi\,w\,x^2 - 16\,\omega\,z\,x\,\zeta\,y^3\,w^3\,\lambda \\
&+ 16\,\omega\,z\,x^3\,\zeta\,\nu\,y^2\,w^2 - 8\,\omega\,z^3\,x^3\,\mu\,\eta\,w^2 + 4\,\omega\,z\,\mu\,y\,w^3\,x^3\,\eta - 28\,\omega\,z\,\mu\,y^3\,w^3\,x\,\eta \\
&+ 32\,\omega\,z\,w^3\,x^4\,\kappa\,\eta - 32\,\omega^2\,z\,x^3 - 768\,\kappa\,\omega\,y^5\,z\,\zeta\,w^2 - 12\,\omega\,y^2\,w^2\,\xi - 768\,z^2\,x\,\omega^2\,\lambda\,y^4\,w \\
&+ 768\,z^2\,x^3\,\omega^2\,\lambda\,y^2\,w - 384\,\omega^2\,w^2\,x^5\,\lambda\,y - 768\,\xi\,z^2\,y^2\,\omega + 64\,\omega^2\,z^4\,x^2\,w\,\kappa\,y \\
&+ 12\,\omega\,y^2\,w^2\,\xi\,z^4\,\mu - 12\,\omega\,y^4\,w^3\,x\,\nu\,\eta - 6\,\omega\,y^3\,w^3\,\xi\,\mu\,z^2 - 12\,\omega\,y^4\,w^4\,\xi\,\lambda \\
&+ 16\,\omega^2\,y^5\,w^2\,x\,\nu - 16\,\omega^2\,y^3\,w^2\,x^3\,\nu + 40\,\omega\,y^4\,w^3\,x\,\zeta\,\mu - 40\,\omega\,y^2\,w^3\,x^3\,\zeta\,\mu \\
&- 64\,\omega^2\,z\,x\,\nu\,y^5\,w + 40\,\omega^2\,y^4\,w^3\,x\,\lambda + 38\,\omega^2\,y^3\,w^2\,x\,\mu\,z^2 - 12\,\omega\,y^2\,w^2\,z^4\,\kappa\,\zeta \\
&- 32\,\omega^2\,y^2\,w^2\,z^2\,\kappa\,x^2 + 8\,\omega\,y^2\,w^4\,x^2\,\eta\,\kappa + 6\,\omega\,y^3\,w^3\,\kappa\,\zeta\,z^2 - 39\,\omega\,y^2\,w^3\,x\,\eta\,\mu\,z^2 \\
&+ 12\,\omega\,y^4\,w^4\,\kappa\,\eta + 8\,\omega\,y\,w^2\,x\,\eta - 12\,\omega^2\,y^2\,w^3\,x^3\,\lambda - 32\,\omega^2\,y^3\,w^3\,x^2\,\kappa - 8\,\omega\,y^3\,w^4\,x\,\eta\,\lambda \\
&+ 256\,\omega^2\,z\,x^2\,y^3\,\kappa\,w^2 - 224\,\omega^2\,z\,x^3\,\lambda\,y^2\,w^2 + 128\,\omega^2\,z\,x^4\,\kappa\,y\,w^2 + 768\,x^3\,y\,\omega\,\zeta \\
&- 4\,\omega^2\,w\,x^3 + 16\,\omega^2\,z^2\,y\,x + 3072\,\xi\,\zeta\,y\,z^3 + 128\,\omega^2\,z\,x^5\,\nu\,y\,w - 64\,\omega^2\,z\,x^3\,\nu\,y^3\,w \\
&+ 4\,\omega^2\,w^3\,x^5\,\lambda - 96\,\omega\,x\,\eta\,z^3 + 7680\,\xi\,y^3\,\zeta\,w - 6144\,\xi\,z\,y^3\,\omega - 384\,\xi\,\omega\,y^3\,w \\
&- 10\,\omega\,w^3\,z^3\,x\,\eta\,\mu\,y + \omega\,w^3\,z\,\nu\,y\,x^3\,\eta - \omega\,w^3\,z^4\,x\,\eta\,\lambda - 7\,\omega\,w^3\,z\,\nu\,y^3\,x\,\eta \\
&- 2\,\omega\,w^3\,z^3\,\kappa\,\eta\,x^2 + 6\,\omega\,w^3\,z^3\,\kappa\,\eta\,y^2 + 6\,\omega\,w^3\,\xi\,z\,\nu\,y^4 + 12\,\omega\,w^4\,\xi\,z\,y^3\,\lambda + 3\,\omega^2\,w\,z\,y\,x \\
&- 6\,\omega\,w\,\xi\,z^3 - 20\,\omega\,w\,x^3\,\nu\,\zeta\,z^4 + 4\,\omega\,w^4\,\xi\,x^4\,\lambda - 18\,\omega\,w^4\,\xi\,\mu\,y^4 + 6\,\omega\,w^2\,\xi\,z\,y \\
&+ \omega^2\,w^3\,z\,y\,x^3\,\lambda - 4\,\omega\,w^3\,x^5\,\nu\,\eta - 6\,\omega\,w^3\,\xi\,z^3\,\lambda\,y^2 + 2\,\omega\,w^3\,\xi\,x^2\,\lambda\,z^3 \\
&+ 20\,\omega\,w^2\,\xi\,x^2\,\mu\,z^4 - \omega\,w^2\,z\,x\,\eta + 2\,\omega\,w^4\,z\,x^2\,\eta\,\kappa\,y + \omega\,w^4\,z\,x^3\,\eta\,\lambda - 3\,\omega\,w^4\,z\,x\,\eta\,\lambda\,y^2 \\
&+ 20\,\omega^2\,w\,x^3\,\mu\,z^4 + 10\,\omega^2\,w^2\,x^3\,\mu\,y\,z^2 + 2\,\omega\,w^3\,x\,\zeta\,y\,\lambda\,z^3 - \omega^2\,w^2\,z^4\,y\,x\,\lambda \\
&- 10\,\omega^2\,w^2\,z^3\,y^2\,x\,\mu + 5\,\omega^2\,w^3\,z\,y^3\,x\,\lambda - 14\,\omega\,w^2\,x\,\zeta\,y + 21\,\omega\,w^3\,x^3\,\mu\,z^2\,\eta \\
&+ 7\,\omega\,w^4\,\mu\,y\,x^3\,\eta + 11\,\omega\,w^4\,\mu\,y^3\,x\,\eta + 10\,\omega^2\,w^3\,\mu\,y^2\,x^3 - 25\,\omega\,w^3\,x^3\,\zeta\,z\,\mu\,y \\
&- 10\,\omega^2\,w^3\,\mu\,y^4\,x + 18\,\omega\,w^4\,\kappa\,\zeta\,y^4 - 2\,\omega\,w^4\,x^3\,\zeta\,y\,\lambda - 20\,\omega\,w^2\,x^2\,\kappa\,\zeta\,z^4 \\
&- 4\,\omega\,w^4\,x^4\,\kappa\,\eta - 16\,\omega\,w^3\,z^2\,x^3\,\zeta\,\lambda - 12\,\omega\,w^4\,z\,y^3\,\kappa\,\eta - 6\,\omega^2\,w^3\,z\,y^4\,\kappa \\
&+ 10\,\omega\,w^4\,x^2\,\zeta\,y^2\,\kappa + 25\,\omega\,w^3\,x\,\zeta\,z\,\mu\,y^3 - 15\,\omega\,w^3\,x\,\zeta\,y^2\,\mu\,z^2 - 26\,\omega\,w^4\,x\,\zeta\,y^3\,\lambda \\
&- 5\,\omega\,w^3\,x\,\zeta\,\nu\,y^4 + 5\,\omega\,w^3\,x^3\,\zeta\,\nu\,y^2 + 10\,\omega\,w^3\,z^2\,x^2\,\zeta\,\kappa\,y + 35\,\omega\,w^2\,z^4\,x\,\zeta\,\mu\,y \\
&+ 12\,\omega\,w^3\,z^2\,x\,\zeta\,\lambda\,y^2 + 16\,\omega\,w\,z^2\,x\,\zeta - 4\,\omega\,w^2\,\xi\,x^2 - 384\,\omega^2\,x^2\,w\,\kappa\,y^2\,z^3 \\
&- 768\,\omega^2\,x^5\,\nu\,y^2\,w - 768\,z^4\,x^3\,\omega^2\,\lambda\,y - 320\,\omega^2\,w^2\,x^5\,\mu\,y - 80\,\omega\,w^3\,x^5\,\mu\,\eta \\
&- 768\,\omega^2\,x^4\,\kappa\,y^2\,w^2 + 3072\,x\,\xi^2\,z\,y\,w - 88\,\omega\,z^3\,x\,\zeta - 768\,\xi\,z^2\,y^4\,\omega\,\lambda\,w^2 - 160\,y^2\,\omega^2\,z\,x
\end{aligned}
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\begin{aligned}
&- 9216\,\xi\,z\,y^5\,\omega\,\lambda\,w^2 + 768\,\xi\,z\,y^5\,\omega\,\mu\,w^2 - 384\,\xi\,y^5\,\omega\,\lambda\,w^3 - 6144\,\xi\,z\,\nu\,y^6\,\omega\,w \\
&+ 384\,\xi\,w\,y^3\,\omega\,\mu\,z^4 + 15360\,\xi\,\mu\,y^6\,w^2\,\omega + 4608\,\xi\,z\,y\,x^2\,\omega - 192\,\xi\,y^4\,\omega\,\mu\,z^2\,w^2 \\
&- 192\,y\,\omega\,\xi\,z^3 + 1536\,\xi\,z\,x^2\,\eta\,w - 4608\,\xi\,z\,y^2\,\eta\,w - 7680\,\xi\,x^2\,\zeta\,y\,w \\
&- 1536\,\xi\,z^3\,y^4\,\omega\,\mu\,w - 1536\,\xi\,z^4\,\eta - 1920\,\omega^2\,x^3\,\mu\,z^4\,y - 6144\,x^3\,y^4\,\omega^2\,\nu\,z \\
&+ 3072\,x\,y^6\,\omega^2\,\nu\,z + 26112\,x^3\,y^3\,\omega\,\zeta\,\lambda\,w^2 - 768\,x\,y^5\,\omega^2\,\nu\,z^2 + 384\,x\,y^5\,\omega^2\,\lambda\,w^2 \\
&- 9216\,x^4\,y^2\,\omega\,\zeta\,\kappa\,w^2 + 7680\,x\,y^5\,\omega^2\,z\,\lambda\,w + 3840\,x\,y^3\,\omega^2\,z^4\,\lambda + 384\,x\,y\,\omega\,\eta\,z^2 \\
&- 23040\,x\,y^6\,\omega^2\,\mu\,w - 9216\,x^3\,y^3\,\omega^2\,z\,\lambda\,w + 768\,x\,y^2\,\omega\,\eta\,z + 4992\,x\,y^5\,\omega\,\zeta\,\mu\,w^2 \\
&- 4992\,x^3\,y^3\,\omega\,\zeta\,\mu\,w^2 - 38400\,x\,y^5\,\omega\,\mu\,\eta\,w^2 + 6144\,\xi\,z\,x^2\,\nu\,\omega\,y^4\,w - 768\,x^2\,y^4\,\omega^2\,\kappa\,w^2 \\
&+ 192\,x\,y^4\,\omega^2\,\mu\,z^2\,w + 1536\,x^3\,y^3\,\omega^2\,\lambda\,w^2 - 1536\,x\,y^2\,\omega\,\zeta\,z + 1536\,\xi\,y^3\,\omega\,\lambda\,z^4\,w \\
&- 1536\,x^3\,y^3\,\omega^2\,z\,\mu\,w + 192\,x^3\,y^2\,\omega\,\eta\,w^3\,\lambda + 1536\,z\,x^5\,\omega^2\,\lambda\,y\,w + 384\,x^2\,y^3\,\omega\,\eta\,w^3\,\kappa \\
&- 9216\,x^2\,y^4\,\omega^2\,z\,\kappa\,w + 3072\,x^4\,y^2\,\omega^2\,z\,\kappa\,w - 576\,x\,y^4\,\omega\,\eta\,w^3\,\lambda - 768\,x\,y^4\,\omega\,\eta\,z\,\mu\,w^2 \\
&+ 30720\,x^3\,y^4\,\omega^2\,\mu\,w - 7680\,x^5\,y^2\,\omega^2\,\mu\,w - 6912\,x\,y^4\,\omega^2\,z^3\,\mu + 384\,x^3\,y^3\,\omega\,\nu\,\eta\,w^2 \\
&- 384\,x\,y^5\,\omega\,\nu\,\eta\,w^2 - 9216\,x^5\,y^2\,\omega\,\nu\,\zeta\,w - 6144\,x\,y^3\,\omega\,\eta\,z^3\,\mu\,w - 768\,x^3\,y^2\,\omega^2\,z^3\,\mu \\
&+ 13824\,x\,y^4\,\omega\,\eta\,z\,\lambda\,w^2 + 1536\,x^2\,y^2\,\omega^2\,z^4\,\kappa + 4608\,x\,y^2\,\omega\,\eta\,z^4\,\lambda\,w \\
&- 9216\,x\,y^6\,\omega\,\nu\,\zeta\,w - 9216\,x^2\,y^3\,\omega\,\eta\,z\,\kappa\,w^2 + 768\,x^3\,y^4\,\omega^2\,\nu\,w + 24576\,x^2\,y^4\,\omega\,\zeta\,\kappa\,w^2 \\
&- 4608\,x^3\,y^2\,\omega\,\eta\,z\,\lambda\,w^2 + 61440\,x\,y^3\,\omega\,\zeta\,\mu\,z^4 - 21504\,x\,y^5\,\omega\,\zeta\,\lambda\,w^2 + 768\,x^3\,y^3\,\omega^2\,\nu\,z^2 \\
&+ 3072\,x^5\,y^2\,\omega^2\,\nu\,z - 23040\,x^3\,y\,\omega\,\zeta\,\mu\,z^4 - 4608\,x^5\,y\,\omega\,\zeta\,\lambda\,w^2 + 25344\,x^3\,y^2\,\omega\,\zeta\,\mu\,z^2\,w \\
&- 4\,\omega^2\,x\,z^3 + 2304\,x^3\,y\,\omega\,\zeta\,\lambda\,z^3\,w + 768\,x^3\,\omega\,z\,\eta + 23040\,x^3\,y^3\,\omega\,\mu\,\eta\,w^2 \\
&+ 1536\,x\,y^5\,\omega^2\,z\,\mu\,w + 3840\,x^2\,y^3\,\omega\,\zeta\,z\,\kappa\,w^2 + 384\,y^3\,\omega\,z^2\,x\,\zeta\,\lambda\,w^2 + 384\,y^5\,\omega\,w^3\,\kappa\,\eta \\
&+ 192\,y^4\,\omega\,w^2\,\kappa\,\zeta\,z^2 - 384\,y^3\,\omega\,w\,\kappa\,\zeta\,z^4 - 96\,y^4\,\omega\,z\,w^3\,\kappa\,\eta - 2688\,x\,y^4\,\omega\,\zeta\,z\,\lambda\,w^2 \\
&+ 768\,\kappa\,\omega\,y^4\,z^2\,\eta\,w^2 - 384\,x^3\,y^2\,\omega\,\zeta\,z\,\lambda\,w^2 + 192\,x\,y^2\,\omega\,\zeta\,z^4\,\lambda\,w,
\end{aligned}
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\begin{aligned}
&4\,z\,y^4\,\omega - 4\,z^3\,y^2\,\zeta + 20\,y^3\,\zeta\,z^2 + 4\,x^2\,\eta\,z^3 - 12\,y^2\,\eta\,z^3 + 2\,\eta\,y\,z^4 + 32\,y^6\,\omega\,\kappa\,x\,w^2 \\
&- 16\,y^5\,\omega - 8\,x^4\,y\,\omega\,\lambda\,z^3\,w - 80\,x^4\,y^3\,\omega\,\lambda\,w^2 + 16\,x^6\,y\,\omega\,\lambda\,w^2 + 32\,x^5\,y^2\,\omega\,\kappa\,w^2 \\
&- 16\,x^4\,y\,\omega - 96\,x^4\,y^4\,\omega\,\nu\,w + 32\,x^6\,y^2\,\omega\,\nu\,w + 80\,x^4\,y\,\omega\,\mu\,z^4 - 88\,x^4\,y^2\,\omega\,\mu\,z^2\,w \\
&+ 4\,x\,w\,\kappa\,\omega\,y^3\,z^4 + 14\,z\,y^3\,\eta\,w - 4\,z\,x^2\,y^2\,\omega - 2\,z^4\,\lambda\,y^2\,\omega\,w\,x^2 - 88\,z^2\,\mu\,y^6\,\omega\,w \\
&+ 8\,y\,x\,\xi\,z^3 - 16\,x\,z^3\,\kappa\,\omega\,y^4\,w + 8\,z^3\,\lambda\,y^5\,\omega\,w + 16\,z^3\,\kappa\,\omega\,y^2\,w\,x^3 + 176\,z^2\,\mu\,x^2\,\omega\,y^4\,w \\
&- 20\,x^2\,y\,\zeta\,z^2 - 2\,x^2\,y^3\,\omega\,\mu\,z^3\,w + 2\,y^5\,\omega\,\mu\,z^3\,w + z^2\,y^3\,\omega + 8\,z\,y^5\,\omega\,\kappa\,x\,w^2 \\
&- 8\,z\,x^3\,y^3\,\omega\,\kappa\,w^2 - 4\,z\,y^6\,\omega\,\lambda\,w^2 - 2\,z\,x^2\,y\,\eta\,w - 12\,z\,x\,y^2\,w\,\xi + 4\,z\,x^4\,\omega\,\lambda\,y^2\,w^2 \\
&- 2\,y^4\,\omega\,\lambda\,z^4\,w - 3\,z^4\,y^4\,\omega\,\mu\,w - 2\,z^2\,y^4\,\omega\,\kappa\,x\,w^2 + y^3\,x^2\,\omega\,z^2\,\lambda\,w^2 - y^5\,x^2\,\omega\,\nu\,w^2 \\
&+ y^4\,x^2\,\omega\,z\,\mu\,w^2 + 2\,y^6\,\omega\,w^3\,\lambda - z\,\mu\,y^6\,w^2\,\omega + 3\,z^2\,y^5\,\omega\,\mu\,w^2 + z^2\,y^5\,\omega\,\lambda\,w^2 \\
&- 2\,y^5\,\omega\,w^3\,\kappa\,x + y^7\,\omega\,\nu\,w^2 + 96\,y^6\,x^2\,\omega\,\nu\,w - 160\,y^3\,x^2\,\omega\,\mu\,z^4 + 112\,y^5\,x^2\,\omega\,\lambda\,w^2 \\
&- 64\,y^4\,x^3\,\omega\,\kappa\,w^2 + 32\,y^3\,x^2\,\omega + w\,y^4\,\omega + 4\,\mu\,y^7\,w^2\,\omega - 22\,y^4\,\zeta\,w - 48\,y^7\,\omega\,\lambda\,w^2
\end{aligned}
$$

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\begin{aligned}
&- 8\,\mu\, y^5\, w^2\, x^2\, \omega + 4\,\mu\, y^3\, w^2\, x^4\, \omega - 32\, y^8\, \omega\, \nu\, w + 80\, y^5\, \omega\, \mu\, z^4 + 22\, x^2\, \zeta\, y^2\, w,\\
&\text{"----------"}\\
&24900\, y^2\, \zeta^2\, x^2 + 3938\, y^4\, \zeta\, \omega - 7900\, y^3\, \zeta^2\, z + 44400\, y^6\, \omega\, \mu\, z\, \eta\, w - 4960\, \nu\, y^8\, \omega^2\\
&+ 2680\, y^6\, \omega^2\, \mu\, z^2 - 6600\, z\, \nu\, y^6\, \zeta^2\, w - 29600\, y^5\, \omega\, \mu\, x\, \xi\, z\, w - 17820\, \zeta\, \nu\, z^2\, y^6\, \omega\\
&+ 29600\, y^7\, \omega^2\, \mu\, z + 1360\, x^4\, \omega^2\, \mu\, z^2\, y^2 - 2480\, y^4\, \omega^2\, x\, \kappa\, z^3 + 2640\, z\, \nu\, y^5\, \omega\, x\, w\, \xi\\
&- 1320\, z\, x^2\, \omega\, \eta\, \lambda\, y^3\, w^2 + 5\, y^6\, \omega\, \nu\, \eta\, w^2 + 10\, y^4\, \omega^2\, \nu\, x^2\, z^2 - 80\, x^4\, \omega\, \eta + 8880\, y^7\, \omega^2\, \lambda\, w\\
&+ 120\, y^3\, \omega^2\, \nu\, x^4\, z + 1080\, y^5\, \omega^2\, \nu\, x^2\, z + 1540\, y^6\, \omega^2\, z\, \lambda\, w + 162\, \zeta\, z\, \nu\, y^6\, \omega\, w\\
&+ 40\, z^2\, \zeta\, \lambda\, x^4\, \omega\, y\, w - 10\, x^2\, \omega\, \lambda\, z^4\, y\, \eta\, w - 2400\, x^6\, \zeta^2\, \lambda\, w^2 - 200\, y^2\, \zeta\, z^3\, \mu\, \eta\, w\, x^2\\
&+ 2400\, y^4\, \zeta\, z\, \mu\, x^2\, \omega\, w + 800\, y^2\, \zeta\, z^4\, x\, \kappa\, \eta\, w + 14800\, y^5\, \zeta\, z\, x\, \kappa\, \omega\, w\\
&- 16400\, y^3\, \zeta\, z\, x^3\, \kappa\, \omega\, w + 800\, y^2\, \zeta\, z\, x^3\, \kappa\, \eta\, w^2 - 2400\, y^4\, \zeta\, \nu\, x^2\, z\, \eta\, w - 22000\, x^4\, \zeta^2\, \mu\, z^4\\
&+ 20\, y^3\, \omega^2\, z^4\, x\, \kappa - 27300\, y^4\, \zeta^2 - 17600\, y^7\, \zeta^2\, \nu\, w + 32000\, y^4\, \zeta\, z\, \lambda\, \omega\, w\, x^2\\
&- 37100\, y^4\, \zeta\, z^4\, \lambda\, \omega - 400\, y^3\, \zeta\, \eta\, z^2\, \kappa\, x\, w^2 + 556\, y^3\, \zeta\, \eta\, w + 500\, y^2\, \zeta\, \eta\, z^2\, \lambda\, w^2\, x^2\\
&- 17600\, y^4\, \zeta^2\, \mu\, w^2\, x^2 + 100\, y^3\, \zeta\, \eta\, z\, \mu\, w^2\, x^2 - 1600\, y^4\, \zeta\, \eta\, z\, \kappa\, x\, w^2\\
&- 2000\, y^3\, \zeta\, \eta\, z\, \lambda\, w^2\, x^2 + 10\, y^5\, \omega\, \eta\, w^3\, \lambda - 7340\, x^2\, \omega\, \mu\, z^2\, y^3\, \eta\, w - 3200\, x^5\, \omega\, \mu\, \xi\, z\, y\, w\\
&+ 21200\, x^4\, \omega\, \mu\, z\, y^2\, \eta\, w - 10\, x^2\, \omega\, \mu\, w\, y^2\, \eta\, z^3 - 80\, x^6\, \omega\, \lambda\, \eta\, w^2 + 20\, x^4\, \omega\, \lambda\, z\, \eta\, y\, w^2\\
&- 64000\, x^2\, \omega\, \mu\, y^4\, z\, \eta\, w + 32800\, x^3\, \omega\, \mu\, y^3\, \xi\, z\, w - 1600\, x^6\, \omega\, \mu\, z\, \eta\, w\\
&+ 80\, \kappa\, \omega\, y\, z^3\, \eta\, w\, x^3 - 162\, x^2\, \zeta\, \nu\, z\, w\, y^4\, \omega + 480\, \kappa\, \omega\, y^2\, z^2\, x^3\, w\, \zeta - 240\, \xi\, \eta\, w\, x^3\\
&+ 11900\, y^3\, \zeta\, \eta\, z + 38\, x^2\, \zeta\, y^2\, \omega\, \lambda\, z^3\, w + 20\, y^6\, \omega^2\, z\, \mu\, w - 1062\, x^2\, \zeta\, y^3\, \omega\, \mu\, z^2\, w\\
&+ 40\, x^4\, \omega\, \mu\, z^2\, y\, \eta\, w - 800\, \xi\, y\, x^3\, \omega + 400\, x^4\, \zeta\, y\, \eta\, z\, \lambda\, w^2 - 5300\, x^2\, \zeta\, y\, \eta\, z - 89\, z^2\, y^2\, \zeta^2\\
&- 9800\, x^4\, \zeta\, z\, \lambda\, y^2\, \omega\, w + 1600\, x^5\, \zeta\, z\, \kappa\, \omega\, y\, w + 800\, x^6\, \zeta\, \nu\, z\, \eta\, w - 825\, \zeta^2\, \mu\, y^4\, w^2\, z^2\\
&+ 2400\, x^4\, \zeta^2 - 1200\, x^4\, \zeta\, z\, \mu\, \omega\, y^2\, w - 20\, x^2\, \zeta\, \eta\, z^2 - 550\, y^5\, \zeta^2\, w^3\, \lambda + 5\, y^3\, \omega\, \eta\, z\, \mu\, w^2\, x^2\\
&+ 120\, x\, \xi\, \eta\, y^2\, w + 5\, y^2\, \omega\, \eta\, z^2 - 2980\, y^7\, \omega^2\, \mu\, w + 44000\, y^4\, \zeta^2\, \mu\, z^4 - 26400\, y^6\, \zeta^2\, \lambda\, w^2\\
&+ 18700\, y^6\, \zeta^2\, \mu\, w^2 - 1640\, x\, \kappa\, \omega\, y^3\, z^3\, \eta\, w - 1040\, x\, \kappa\, \omega\, y^4\, z\, \eta\, w^2\\
&- 8400\, x\, \kappa\, \omega\, y^4\, z^2\, \zeta\, w - 200\, x\, \kappa\, \omega^2\, y^5\, z\, w + 1310\, y^4\, \omega^2\, z^4\, \lambda - 10\, y^3\, \omega\, \eta\, z^2\, \kappa\, x\, w^2\\
&- 275\, \zeta^2\, \nu\, y^6\, w^2 + 5\, y^2\, \omega\, \eta\, z^2\, \lambda\, w^2\, x^2 + 20\, y^2\, \omega\, z^4\, x\, \kappa\, \eta\, w - 1200\, y^7\, \omega^2\, \nu\, z\\
&- 10\, y^6\, \omega^2\, \nu\, z^2 - 40\, y^2\, \omega\, z\, x^3\, \kappa\, \eta\, w^2 - 275\, y^3\, \zeta^2\, w - 324\, x\, \zeta\, z\, y^4\, w^2\, \kappa\, \omega\\
&+ 5180\, z^2\, \zeta\, \lambda\, x^2\, \omega\, y^3\, w - 4820\, x^2\, \omega\, \lambda\, z^3\, \eta\, y^2\, w - 5920\, x\, y^6\, \omega^2\, \kappa\, w + 10\, y^4\, \omega^2\\
&+ 157\, \zeta\, y\, z^3\, \eta + 275\, y^5\, \zeta^2\, z\, \mu\, w^2 + 162\, y^3\, \omega\, \zeta\, z + 5\, y^3\, \omega\, \eta\, w - 2630\, y^5\, \omega^2\, z^3\, \mu\\
&+ 20\, y^6\, \omega^2\, \lambda\, w^2 - 30\, y^4\, \omega^2\, \mu\, z^4 - 275\, z^2\, \lambda\, y^4\, \zeta^2\, w^2 + 10\, y^7\, \omega^2\, \nu\, w + 2700\, \zeta\, z^2\, \lambda\, y^5\, \omega\, w\\
&+ 324\, \zeta\, x\, w\, \kappa\, \omega\, y^3\, z^3 - 550\, y^4\, \zeta^2\, z^3\, \mu\, w + 25\, \zeta\, z\, y^2\, \eta\, w + 324\, \zeta\, z\, y^5\, \omega\, \lambda\, w^2\\
&- 10\, y^5\, \omega^2\, x^2\, \nu\, w + 30\, y^5\, \omega^2\, \mu\, z^2\, w - 20\, y^5\, \omega^2\, \kappa\, x\, w^2 + 2660\, \zeta\, y^2\, \eta\, z^2\\
&- 486\, \zeta\, \mu\, y^6\, w^2\, \omega + 75\, \zeta\, \eta\, y^3\, \mu\, w^3\, x^2 - 50\, \zeta\, \eta\, y^3\, z\, w^3\, \kappa\, x + 25\, \zeta\, \eta\, y^5\, z\, \nu\, w^2\\
&+ 50\, \zeta\, \eta\, y^4\, z\, w^3\, \lambda - 25\, \zeta\, \eta\, y^3\, z^3\, \lambda\, w^2 + 50\, \zeta\, \eta\, y^2\, z^3\, \kappa\, x\, w^2 - 25\, \zeta\, \eta\, y^3\, z\, \nu\, w^2\, x^2
\end{aligned}
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\begin{aligned}
&- 75\,\zeta\,\eta\,y^5\,\mu\,w^3 + 6680\,y^5\,\omega^2\,\lambda\,z^3 + 825\,z^4\,y^3\,\zeta^2\,\mu\,w - 5\,y^5\,\omega\,\eta\,z\,\mu\,w^2 \\
&- 2630\,y^4\,\omega\,\eta\,z^3\,\mu\,w + 1310\,y^3\,\omega\,\eta\,z^4\,\lambda\,w - 400\,\zeta^2\,y^3\,z\,\lambda\,w^2\,x^2 - 132\,\zeta\,y\,\eta\,w\,x^2 \\
&+ 6600\,\zeta^2\,y^4\,z\,\nu\,w\,x^2 - 8800\,y^3\,\zeta^2\,x^3\,\kappa\,w^2 - 37000\,y^7\,\zeta\,\mu\,\omega\,w - 4000\,y^6\,\zeta\,\mu\,\eta\,w^2 \\
&+ 17820\,\zeta\,\nu\,x^2\,z^2\,y^4\,\omega + 5\,y^4\,\omega\,\eta\,z^2\,\lambda\,w^2 + 4452\,y^6\,\zeta\,\omega\,\lambda\,w^2 + 17600\,y^5\,\zeta^2\,\kappa\,x\,w^2 \\
&+ 11000\,y^4\,\zeta^2\,z\,\kappa\,x\,w^2 + 24200\,y^3\,\zeta^2\,x^2\,\mu\,z^2\,w - 22200\,y^6\,\zeta\,z\,\lambda\,\omega\,w + 4400\,y^4\,\zeta^2\,\lambda\,z^3\,w \\
&+ 200\,y^4\,\zeta\,\eta\,z^2\,\lambda\,w^2 - 200\,y^5\,\zeta\,\eta\,z\,\mu\,w^2 - 48400\,y^5\,\zeta^2\,\mu\,z^2\,w - 5520\,y^4\,\zeta\,\omega\,\mu\,z^4 \\
&+ 400\,y^4\,\zeta\,\eta\,z^3\,\mu\,w + 2400\,y^5\,\zeta\,\eta\,z\,\lambda\,w^2 - 400\,y^3\,\zeta\,\eta\,z^4\,\lambda\,w - 2802\,y^4\,\zeta\,\omega\,\lambda\,z^3\,w \\
&+ 10962\,y^5\,\zeta\,\omega\,\mu\,z^2\,w + 550\,y^3\,\zeta^2\,z^4\,\lambda\,w - 6768\,y^5\,\zeta\,\omega\,\kappa\,x\,w^2 + 2024\,y^4\,\zeta\,x^2\,\omega\,\lambda\,w^2 \\
&- 5\,y^4\,\omega\,x^2\,\nu\,\eta\,w^2 - 12100\,y^5\,\zeta^2\,z\,\lambda\,w^2 - 22000\,y^2\,\zeta^2\,x^2\,\mu\,z^4 + 6800\,y^2\,\zeta^2\,x^4\,\lambda\,w^2 \\
&+ 22000\,y^4\,\zeta^2\,x^2\,\lambda\,w^2 - 4040\,x^2\,\omega^2\,\mu\,z^2\,y^4 + 1200\,x^4\,\omega\,\mu\,z^4\,\eta - 340\,x^4\,\omega^2\,\mu\,y^3\,w \\
&+ 6000\,y^4\,\zeta\,x^2\,\mu\,\eta\,w^2 + 78000\,y^5\,\zeta\,x^2\,\mu\,\omega\,w - 45000\,y^3\,\zeta\,x^4\,\mu\,\omega\,w - 1200\,y^6\,\zeta\,z\,\mu\,w\,\omega \\
&- 10\,x^2\,\omega^2\,\mu\,y^3\,z^3 - 3200\,x^6\,\omega^2\,\mu\,z\,y - 33100\,y^3\,\zeta\,z^3\,\mu\,x^2\,\omega - 8800\,y^3\,\zeta^2\,z^3\,x\,\kappa\,w \\
&- 850\,y^3\,\zeta\,\eta\,w\,\mu\,z^4 + 34700\,y^5\,\zeta\,z^3\,\mu\,\omega - 7400\,y^2\,\zeta\,z\,x\,\xi + 875\,y^4\,\zeta\,\eta\,w^2\,\mu\,z^2 \\
&- 500\,y^4\,\zeta\,\eta\,w^3\,\kappa\,x + 19800\,y^3\,\zeta\,z^4\,x\,\kappa\,\omega - 300\,y^4\,\zeta\,x^2\,\nu\,\eta\,w^2 + 550\,y^5\,\zeta\,\eta\,w^3\,\lambda \\
&- 8076\,y^5\,\zeta\,x^2\,\nu\,\omega\,w + 300\,y^6\,\zeta\,\nu\,\eta\,w^2 + 1300\,x^2\,\zeta^2\,y\,z + 7668\,y^7\,\zeta\,\nu\,\omega\,w \\
&- 18000\,y^3\,\zeta\,\nu\,x^4\,z\,\omega + 31200\,y^5\,\zeta\,\nu\,x^2\,z\,\omega + 26400\,y^5\,\zeta^2\,\nu\,x^2\,w + 1600\,y^6\,\zeta\,\nu\,z\,\eta\,w \\
&- 14800\,y^7\,\zeta\,\nu\,z\,\omega - 2000\,x^6\,\zeta\,\mu\,\eta\,w^2 - 12800\,x^2\,\omega^2\,\lambda\,y^5\,w - 800\,x^4\,\omega\,\lambda\,\zeta\,z^4 \\
&+ 240\,x^4\,\omega^2\,\lambda\,z^3\,y - 10\,x^2\,\omega^2\,\lambda\,z^4\,y^2 - 1600\,x^4\,\zeta\,z^3\,\mu\,y\,\omega - 10\,y^4\,\omega\,\eta\,w^3\,\kappa\,x \\
&+ 4000\,x^6\,\zeta\,\mu\,\omega\,y\,w - 4280\,x^2\,\omega^2\,\lambda\,z^3\,y^3 - 15440\,x^2\,\omega\,\lambda\,y^4\,\eta\,w^2 + 36000\,x^4\,\omega^2\,\mu\,z\,y^3 \\
&+ 120\,x^4\,\omega\,\lambda\,z^3\,\eta\,w - 1560\,x^2\,\omega^2\,\lambda\,z\,w\,y^4 + 3320\,x^2\,\omega^2\,\mu\,w\,y^5 - 62400\,x^2\,\omega^2\,\mu\,z\,y^5 \\
&+ 20\,x^4\,\omega^2\,\lambda\,z\,y^2\,w + 18500\,x^2\,\zeta\,z^4\,\lambda\,y^2\,\omega + 900\,x^2\,\zeta\,y^2\,\omega\,\mu\,z^4 + 150\,x^2\,\zeta^2\,y\,z^4\,\lambda\,w \\
&+ 4240\,x^4\,\omega^2\,\lambda\,y^3\,w - 320\,x^6\,\omega^2\,\lambda\,y\,w + 800\,x^5\,\zeta\,z\,\kappa\,\eta\,w^2 + 2400\,x^4\,\zeta^2\,\lambda\,z^3\,w \\
&+ 408\,x^4\,\zeta\,\nu\,\omega\,y^3\,w - 8800\,x^5\,\zeta^2\,\kappa\,y\,w^2 - 1100\,x^4\,\zeta^2\,y^2\,\mu\,w^2 - 20\,y^4\,\omega^2\,z\,\mu\,x^2\,w \\
&- 15\,y^3\,\omega\,\eta\,w\,\mu\,z^4 + 1600\,x^6\,\zeta\,\nu\,z\,y\,\omega - 4400\,x^3\,\zeta^2\,z^3\,\kappa\,y\,w - 480\,y\,x^2\,w\,\xi^2 \\
&+ 800\,\xi\,x^3\,\zeta\,z + 15\,y^4\,\omega\,\eta\,w^2\,\mu\,z^2 - 638\,x^2\,\zeta\,y^2\,\omega - 8800\,x^6\,\zeta^2\,\nu\,y\,w \\
&- 200\,x^4\,\zeta\,z^3\,\mu\,\eta\,w + 240\,x\,\xi\,z^3\,\eta + 550\,x\,\kappa\,\zeta^2\,y^4\,w^3 + 220\,x\,\xi\,z\,y^2\,\omega - 124\,x\,\xi\,\zeta\,y^2\,w \\
&- 720\,x\,\xi\,z^2\,y\,\zeta + 200\,\kappa\,\omega^2\,y^3\,z\,x^3\,w + 4120\,x^4\,\omega\,\lambda\,\eta\,y^2\,w^2 + 3000\,x^2\,\omega\,\mu\,y^2\,\eta\,z^4 \\
&+ 168\,x^3\,\zeta\,y^3\,\omega\,\kappa\,w^2 + 124\,x^4\,\zeta\,\omega\,\lambda\,y^2\,w^2 + 6560\,x^3\,\omega^2\,\kappa\,y^4\,w - 800\,\xi\,x^5\,\zeta\,z\,\lambda\,w^2 \\
&- 640\,x^5\,\omega^2\,\kappa\,y^2\,w + 320\,\xi\,x^5\,\nu\,\omega\,y^2\,w - 11200\,\xi\,x^3\,\nu\,\omega\,y^4\,w + 275\,x^2\,\zeta^2\,\nu\,y^4\,w^2 \\
&+ 900\,y^3\,\eta^2\,w - 700\,x^4\,\zeta^2\,y\,z\,\lambda\,w^2 - 40\,y^4\,\eta\,\omega + 300\,y\,\eta^2\,z^3 + 2200\,x^3\,\zeta^2\,y^2\,z\,\kappa\,w^2 \\
&+ 24200\,x^4\,\zeta^2\,\mu\,y\,z^2\,w - 275\,x^2\,\zeta^2\,z\,\mu\,y^3\,w^2 - 275\,z^2\,x^2\,\zeta^2\,\lambda\,y^2\,w^2 + 550\,x^2\,y^2\,\zeta^2\,z^3\,\mu\,w \\
&+ 486\,\zeta\,\mu\,y^4\,w^2\,x^2\,\omega + 3440\,x\,\xi\,y^3\,\omega + 1840\,y^3\,\eta\,x^4\,\nu\,\omega\,w - 2100\,y^6\,\eta\,\nu\,z\,w\,\omega
\end{aligned}
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\begin{aligned}
&- 540\, y^4 \eta \nu z x^2 \omega w + 6880\, y^5 \eta x^2 \nu \omega w - 8720\, y^7 \eta \nu \omega w + 7300\, y^5 \eta \omega \mu z^2 w \\
&+ 6260\, y^4 \eta \omega \lambda z^3 w + 2380\, y^5 \eta z \omega \lambda w^2 + 11400\, y^6 \eta \omega \lambda w^2 - 4200\, y^4 \eta \omega \mu z^4 \\
&- 4240\, y^6 \eta \omega \mu w^2 - 300\, y \eta^2 w x^2 - 2520\, y^2 \eta x^2 \omega + 20\, x^4 \omega \mu \eta y^2 w^2 \\
&+ 4220\, x^2 \omega \mu y^4 \eta w^2 - 10\, y^5 \omega^2 z^2 \lambda w + 10880\, x \xi \nu y^6 \omega w - 160\, x^5 \omega \kappa y \eta w^2 \\
&+ 7760\, x^3 \omega \kappa y^3 \eta w^2 - 7600\, x y^5 \omega \kappa \eta w^2 - 1100\, x y^2 w \kappa \zeta^2 z^4 + 550\, x y^3 w^2 \kappa \zeta^2 z^2 \\
&+ 10\, y^3 \omega^2 z^2 \lambda x^2 w + 310\, y^3 \eta z \omega + 10\, y \omega x^2 z \eta - 200\, x^3 \zeta \eta z^2 \kappa y w^2 \\
&- 400\, x^3 \zeta z^4 \xi \lambda w - 100\, x^3 \zeta \eta y^2 w^3 \kappa + 200\, x^2 \zeta \eta y^3 w^3 \lambda + 100\, x^4 \zeta \eta z \mu y w^2 \\
&- 100\, x^4 \zeta \eta z^2 \lambda w^2 + 5600\, x^2 y^2 \zeta^2 \lambda z^3 w - 150\, x^4 \zeta \eta y w^3 \lambda + 175\, x^2 \zeta \eta y w^2 \lambda z^3 \\
&+ 25\, x^2 \zeta \eta y^2 w^2 \mu z^2 - 50\, x^2 \zeta \eta y w \mu z^4 + 400\, x^3 \zeta z^4 \kappa \eta w - 160\, x^3 y^2 \omega^2 \kappa z^3 \\
&- 320\, x^6 \nu y^2 \omega^2 - 4320\, x^4 \nu y^4 \omega^2 + 9600\, x^2 \nu y^6 \omega^2,
\end{aligned}
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\begin{aligned}
&11 \zeta \eta y z^4 + 12 \zeta x^2 \eta z^3 + 57 \zeta z y^3 \eta w - 91\, y^4 \zeta^2 w + 60\, y^3 \zeta^2 z^2 - 22\, z^3 y^2 \zeta^2 \\
&- 46 \zeta z x y^2 w \xi - 11 \zeta z x^2 y \eta w + 91\, x^2 \zeta^2 y^2 w - 60\, x^2 y \zeta^2 z^2 + 80\, y^8 \omega^2 \mu w \\
&+ 10\, y^3 \omega \eta z^2 + 2\, y^5 \omega^2 - y^6 \omega^2 \mu z^2 w - y^5 \omega^2 \lambda z^3 w + 4\, y^6 \omega^2 \kappa x w^2 + 20\, y^4 \omega \zeta z \\
&+ 56\, y^4 \omega \eta z + 2\, y^4 \omega^2 x w \kappa z^3 - y^3 \omega^2 x^2 \lambda z^3 w - 32\, y^8 \omega^2 \nu z - 40\, y^5 \omega \zeta \\
&+ 80\, y^3 \omega x^2 \zeta + 96\, y^6 \omega^2 \nu x^2 z - 2\, y^7 \omega^2 \lambda w^2 - 48\, y^7 \omega^2 z \lambda w + 112\, y^5 \omega^2 z \lambda w x^2 \\
&+ 8\, y^5 \omega^2 z^4 \lambda + 7\, y^4 \omega \eta w + 2\, y^5 \omega^2 \mu z^4 - 2\, y^3 \omega^2 x^2 \mu z^4 - 2\, x^2 y^3 \omega^2 \\
&+ 240\, y^4 \omega^2 x^4 \mu w - 240\, y^6 \omega^2 x^2 \mu w + 4\, y^7 \omega^2 z \mu w - 8\, y^5 \omega^2 z \mu x^2 w \\
&- 16\, y^4 \omega^2 z^4 x \kappa + 32\, y^6 \omega^2 z x \kappa w - 64\, y^4 \omega^2 z x^3 \kappa w - 8\, y^6 \omega^2 z^3 \mu - 48\, y^3 \omega z x \xi \\
&- 96\, y^4 \omega^2 \nu x^4 z - 3\, y^7 \omega^2 \mu w^2 - \omega^2 z x^2 \nu y^5 w - 40\, x^4 y \omega \zeta + 4\, z^2 x^4 \omega^2 \lambda y^2 w \\
&+ 48\, y^3 \eta^2 z w - 80\, y^4 \eta \zeta w - 80\, x^6 y^2 \omega^2 \mu w + 32\, x^5 y^2 \omega^2 z \kappa w + 16\, z x^6 \omega^2 \lambda y w \\
&- 20\, x^2 y^2 \omega \zeta z + 4\, x^4 y^3 \omega^2 z \mu w + x^2 y^4 \omega^2 \mu z^2 w + 2\, x^4 y^3 \omega^2 \lambda w^2 - 4\, x^3 y^4 \omega^2 \kappa w^2 \\
&- 16\, y \eta^2 z x^2 w - 80\, x^4 y^3 \omega^2 z \lambda w - 64\, x^2 y^2 \omega \eta z - 68\, y^2 \eta \zeta z^3 + 16\, y \eta^2 z^4 \\
&+ 2\, x^2 y \omega \eta z^2 + 80\, y^2 \eta x^2 \zeta w + 16 \xi z x^3 \eta w - 80 \xi x^3 \zeta y w + 48 \xi z y x^3 \omega \\
&+ 32\, x^2 \xi^2 z y w - 8\, z^4 x^4 \omega^2 \lambda y - 6\, x \xi \omega y^3 w + 56\, x \xi \zeta y z^3 - 12\, x \xi z^2 y^2 \omega \\
&+ 80\, x \xi y^3 \zeta w + 8\, x^4 \omega z \eta + 32\, x^6 y^2 \omega^2 \nu z - 8\, x^4 y^2 \omega^2 z^3 \mu + 16\, x^3 y^2 \omega^2 z^4 \kappa \\
&+ y^2 \omega \eta z^3 - 80\, x \xi z y^2 \eta w - 16\, x \xi z^4 \eta - y^2 \omega \eta w x^2 - 4\, y^6 \omega^2 z^2 \lambda w \\
&+ 8\, y^5 \omega^2 x z^2 \kappa w - 8\, y^3 \omega^2 z^2 \kappa w x^3 + \omega^2 z y^4 + 16\, z^3 y^4 \omega^2 \mu x^2 - 2\, \omega^2 z y^5 \kappa x w^2 \\
&+ 2\, \omega^2 z y^6 \lambda w^2 + \omega^2 z \nu y^7 w + 3\, y^5 \omega^2 \mu w^2 x^2 + 9\, \omega z^2 y^3 \zeta,
\end{aligned}
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\begin{aligned}
&546\, y^3 \zeta^2 z^2 + 2232\, y^6 \zeta \omega \kappa x w^2 - 240\, y^5 \omega^2 x \kappa z^3 - 480\, y^9 \nu \omega^2 + 20\, y^4 \omega \eta z \mu w^2 x^2 \\
&- 20\, y^6 \omega \eta z \mu w^2 - 40\, y^8 \omega^2 \mu w + 20\, y^3 \omega \eta z^2 + 40\, y^5 \omega^2 + 120\, y^6 \omega^2 \mu z^2 w \\
&- 80\, y^6 \omega^2 \kappa x w^2 - 353\, y^4 \omega \zeta z - 10\, y^4 \omega \eta z + 40\, y^8 \omega^2 \nu z - 1287\, y^5 \omega \zeta
\end{aligned}
$$

$$+ 1287\, y^3\, \omega\, x^2\, \zeta - 80\, y^6\, \omega^2\, \nu\, x^2\, z + 80\, y^7\, \omega^2\, \lambda\, w^2 + 353\, y^5\, \omega\, \zeta\, z\, \nu\, w\, x^2$$
$$- 353\, y^7\, \omega\, \zeta\, z\, \nu\, w + 1440\, x^2\, \nu\, y^7\, \omega^2 + 60\, x^4\, \eta^2\, w - 706\, y^6\, \omega\, \zeta\, z\, \lambda\, w^2$$
$$+ 706\, y^5\, \omega\, \zeta\, z\, \kappa\, x\, w^2 - 1440\, x^4\, \nu\, y^5\, \omega^2 - 80\, y^5\, \omega^2\, z\, \lambda\, w\, x^2 - 40\, y^5\, \omega^2\, z^4\, \lambda$$
$$+ 20\, y^4\, \omega\, \eta\, w - 120\, y^5\, \omega^2\, \mu\, z^4 + 240\, x^4\, y\, \omega\, \eta + 480\, x^6\, \nu\, y^3\, \omega^2 - 40\, y^4\, \omega^2\, x^4\, \mu\, w$$
$$+ 80\, y^6\, \omega^2\, x^2\, \mu\, w + 80\, y^7\, \omega^2\, z\, \mu\, w - 80\, y^5\, \omega^2\, z\, \mu\, x^2\, w - 60\, y^4\, \omega\, \eta\, w\, \mu\, z^4$$
$$+ 60\, y^5\, \omega\, \eta\, w^2\, \mu\, z^2 + 80\, y^4\, \omega^2\, z^4\, x\, \kappa + 80\, y^6\, \omega^2\, z\, x\, \kappa\, w - 80\, y^4\, \omega^2\, z\, x^3\, \kappa\, w$$
$$+ 40\, y^6\, \omega^2\, z^3\, \mu + 40\, y^4\, \omega^2\, \nu\, x^4\, z - 30\, x^2\, z^3\, \eta^2 - 2500\, y\, x^4\, \zeta^2 + 60\, y^3\, \eta^2\, z\, w + y^4\, \eta\, \zeta\, w$$
$$+ 160\, z\, x\, y^5\, \omega\, \kappa\, \eta\, w^2 - 160\, z\, x^3\, \omega\, \kappa\, y^3\, \eta\, w^2 - 80\, z\, y^6\, \eta\, \omega\, \lambda\, w^2 + 80\, z\, x^4\, \omega\, \lambda\, \eta\, y^2\, w^2$$
$$+ 10700\, z\, y^5\, \zeta\, x^2\, \mu\, \omega\, w - 5350\, z\, y^3\, \zeta\, x^4\, \mu\, \omega\, w - 5350\, z\, y^7\, \zeta\, \mu\, \omega\, w + 240\, x^3\, y^3\, \omega^2\, \kappa\, z^3$$
$$+ 40\, y^5\, \eta\, \omega\, \mu\, z^3\, w - 40\, y^4\, \eta\, \omega\, \lambda\, z^4\, w + 20\, y^5\, \eta\, z^2\, \omega\, \lambda\, w^2 + 1675\, z\, y^4\, \zeta^2$$
$$- 1675\, z\, y^2\, \zeta^2\, x^2 + 600\, x^4\, \omega^2\, \mu\, z^2\, y^3 + 40\, x^2\, \omega^2\, \lambda\, z^2\, w\, y^4 - 1200\, x^2\, \omega^2\, \mu\, z^2\, y^5$$
$$- 40\, x^2\, \omega^2\, \lambda\, z^4\, y^3 + 4760\, y^5\, \zeta\, z^4\, \mu\, \omega + 750\, y^2\, \zeta\, z^2\, x\, \xi - 5113\, y^6\, \zeta\, z^2\, \mu\, w\, \omega$$
$$- 4760\, y^3\, \zeta\, z^4\, \mu\, x^2\, \omega + 3430\, y^6\, \zeta\, z^2\, \lambda\, \omega\, w + 353\, z^3\, \zeta\, \lambda\, x^2\, \omega\, y^3\, w - 40\, x^2\, \omega\, \lambda\, z^4\, \eta\, y^2\, w$$
$$- 40\, x\, \kappa\, \omega\, y^4\, z^2\, \eta\, w^2 - 706\, x\, \kappa\, \omega\, y^4\, z^3\, \zeta\, w + 80\, x\, \kappa\, \omega\, y^3\, z^4\, \eta\, w + 353\, \zeta\, z^3\, \lambda\, y^5\, \omega\, w$$
$$+ 410\, x^4\, \zeta\, z^2\, \lambda\, y^2\, \omega\, w + 125\, x^2\, \zeta\, y\, \eta\, z^2 - 40\, y^7\, \omega^2\, \nu\, z^2 - 40\, x^2\, \omega\, \mu\, z^3\, y^3\, \eta\, w$$
$$- 3840\, y^4\, \zeta\, z^2\, \lambda\, \omega\, w\, x^2 - 3020\, y^5\, \zeta\, z^2\, x\, \kappa\, \omega\, w + 3020\, y^3\, \zeta\, z^2\, x^3\, \kappa\, \omega\, w$$
$$+ 160\, x^4\, \omega\, \mu\, z^2\, y^2\, \eta\, w - 320\, x^2\, \omega\, \mu\, y^4\, z^2\, \eta\, w + 40\, y^5\, \omega^2\, \nu\, x^2\, z^2 + 5113\, y^4\, \zeta\, z^2\, \mu\, x^2\, \omega\, w$$
$$+ 600\, y^7\, \omega^2\, \mu\, z^2 - 875\, y^3\, \zeta\, \eta\, z^2 + 160\, y^6\, \omega\, \mu\, z^2\, \eta\, w + 80\, x^4\, y^3\, \omega^2\, z\, \lambda\, w$$
$$+ 10\, x^2\, y^2\, \omega\, \eta\, z - 273\, y^2\, \eta\, \zeta\, z^3 + 363\, y^2\, \eta\, x^2\, \zeta\, w + 5000\, y^3\, \zeta^2\, x^2 - 364\, x\, \xi\, y^3\, \zeta\, w$$
$$- 800\, x\, y^7\, \omega^2\, \kappa\, w - 320\, x\, \kappa\, \omega\, y^4\, z^3\, \eta\, w + 2000\, x^5\, \zeta\, z\, \kappa\, \omega\, y^2\, w + 280\, x\, \xi\, \eta\, y^3\, w$$
$$+ 320\, \kappa\, \omega\, y^2\, z^3\, \eta\, w\, x^3 - 2000\, x^2\, \zeta\, y^2\, \eta\, z + 8000\, x^3\, \omega\, \mu\, y^4\, \xi\, z\, w - 5000\, x^4\, \zeta\, z\, \lambda\, y^3\, \omega\, w$$
$$- 4000\, x^5\, \omega\, \mu\, \xi\, z\, y^2\, w + 10000\, x^4\, \omega\, \mu\, z\, y^3\, \eta\, w - 14000\, x^2\, \omega\, \mu\, y^5\, z\, \eta\, w$$
$$+ 7000\, y^5\, \zeta\, z\, \lambda\, \omega\, w\, x^2 + 2000\, y^6\, \zeta\, z\, x\, \kappa\, \omega\, w - 4300\, y^5\, \zeta\, z^4\, \lambda\, \omega - 4000\, y^4\, \zeta\, z\, x^3\, \kappa\, \omega\, w$$
$$+ 1500\, y^4\, \zeta\, \eta\, z - 560\, \xi\, y^2\, x^3\, \omega - 4000\, y^6\, \omega\, \mu\, x\, \xi\, z\, w + 500\, x^4\, \zeta\, z\, \eta - 2500\, y^5\, \zeta^2$$
$$- 60\, x\, \xi\, z\, y^2\, \eta\, w + 15000\, y^6\, \zeta\, x^2\, \mu\, \omega\, w + 140\, y\, x\, \xi\, z^3\, \eta - 2100\, y\, x^4\, \omega\, \lambda\, \zeta\, z^4$$
$$+ 480\, y\, x^4\, \omega\, \lambda\, z^3\, \eta\, w + 1000\, y\, \xi\, x^3\, \zeta\, z - 2000\, y\, x^6\, \omega\, \mu\, z\, \eta\, w + 40\, y\, \xi\, \eta\, w\, x^3$$
$$+ 400\, y\, x^4\, \omega\, \mu\, z^4\, \eta + 1280\, x\, \xi\, \nu\, y^7\, \omega\, w - 640\, x^5\, \omega\, \kappa\, y^2\, \eta\, w^2 + 1280\, x^3\, \omega\, \kappa\, y^4\, \eta\, w^2$$
$$- 160\, x^2\, \omega\, \mu\, y^5\, \eta\, w^2 - 640\, x\, y^6\, \omega\, \kappa\, \eta\, w^2 - 320\, y\, x^6\, \omega\, \lambda\, \eta\, w^2 - 1059\, \zeta\, \mu\, y^5\, w^2\, x^2\, \omega$$
$$- 1280\, y^4\, \eta\, x^4\, \nu\, \omega\, w + 2560\, y^6\, \eta\, x^2\, \nu\, \omega\, w + 800\, y^5\, \eta\, \omega\, \lambda\, z^3\, w + 400\, y^5\, \eta\, \omega\, \mu\, z^4$$
$$+ 80\, y^7\, \eta\, \omega\, \mu\, w^2 + 80\, x^4\, \omega\, \mu\, \eta\, y^3\, w^2 + 960\, y^7\, \eta\, \omega\, \lambda\, w^2 - 2560\, \xi\, x^3\, \nu\, \omega\, y^5\, w$$
$$- 1280\, y^8\, \eta\, \nu\, \omega\, w - 706\, x^4\, \zeta\, \omega\, \lambda\, y^3\, w^2 + 1280\, \xi\, x^5\, \nu\, \omega\, y^3\, w + 1600\, x^4\, \omega\, \lambda\, \eta\, y^3\, w^2$$
$$- 800\, x^2\, \omega\, \mu\, y^3\, \eta\, z^4 + 1600\, x^3\, \omega^2\, \kappa\, y^5\, w - 60\, y^4\, \eta^2\, w - 2200\, x^3\, \zeta\, z^4\, \kappa\, \omega\, y^2$$
$$- 400\, x^6\, \omega^2\, \lambda\, y^2\, w - 1822\, x^4\, \zeta\, \nu\, \omega\, y^4\, w + 2000\, x^6\, \zeta\, \nu\, z\, y^2\, \omega - 800\, x^5\, \omega^2\, \kappa\, y^3\, w$$

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\begin{aligned}
&- 2240\,x^2\,\omega\,\lambda\,y^5\,\eta\,w^2 + 12000\,x^4\,\omega^2\,\mu\,z\,y^4 - 12000\,x^2\,\omega^2\,\mu\,z\,y^6 + 6400\,x^2\,\zeta\,z^4\,\lambda\,y^3\,\omega \\
&+ 2000\,x^4\,\omega^2\,\lambda\,y^4\,w + 3644\,y^6\,\zeta\,x^2\,\nu\,\omega\,w - 1822\,y^8\,\zeta\,\nu\,\omega\,w - 6000\,y^4\,\zeta\,\nu\,x^4\,z\,\omega \\
&+ 6000\,y^6\,\zeta\,\nu\,x^2\,z\,\omega - 2000\,y^8\,\zeta\,\nu\,z\,\omega - 2800\,x^2\,\omega^2\,\lambda\,y^6\,w + 520\,x^4\,\omega^2\,\lambda\,z^3\,y^2 \\
&+ 3500\,x^4\,\zeta\,z^3\,\mu\,y^2\,\omega + 5000\,x^6\,\zeta\,\mu\,\omega\,y^2\,w - 1280\,x^2\,\omega^2\,\lambda\,z^3\,y^4 - 1000\,y^3\,\zeta\,z\,x\,\xi \\
&+ 2200\,y^4\,\zeta\,z^4\,x\,\kappa\,\omega - 4000\,x^6\,\omega^2\,\mu\,z\,y^2 - 7000\,y^4\,\zeta\,z^3\,\mu\,x^2\,\omega + 3500\,y^6\,\zeta\,z^3\,\mu\,\omega \\
&- 3000\,y^7\,\zeta\,z\,\lambda\,\omega\,w - 320\,y^5\,\eta\,\omega - 20\,y^5\,\omega\,x^2\,\nu\,\eta\,w^2 - 15000\,y^4\,\zeta\,x^4\,\mu\,\omega\,w \\
&+ 20\,y^7\,\omega\,\nu\,\eta\,w^2 + 1200\,y^8\,\omega^2\,\lambda\,w - 40\,y^6\,\omega^2\,x^2\,\nu\,w + 1059\,\zeta\,\mu\,y^7\,w^2\,\omega \\
&- 5000\,y^8\,\zeta\,\mu\,\omega\,w - 110\,y^2\,\eta^2\,z^3 + 40\,y^8\,\omega^2\,\nu\,w + 760\,y^6\,\omega^2\,\lambda\,z^3 - 160\,y^2\,x^2\,w\,\xi^2 \\
&+ 560\,x\,\xi\,y^4\,\omega - 160\,y^2\,\eta^2\,w\,x^2 + 80\,y^3\,\eta\,x^2\,\omega - 1280\,x^2\,\omega\,\lambda\,z^3\,\eta\,y^3\,w \\
&- 40\,y^6\,\omega^2\,z^2\,\lambda\,w + 1000\,x^6\,\zeta\,z\,\lambda\,\omega\,y\,w + 20\,y^3\,\eta\,z^2\,x^2\,\omega\,\lambda\,w^2 + 40\,y^6\,\eta\,\omega\,\lambda\,w^3 \\
&- 2232\,x^3\,\zeta\,y^4\,\omega\,\kappa\,w^2 + 3644\,x^2\,\zeta\,y^5\,\omega\,\lambda\,w^2 - 2938\,y^7\,\zeta\,\omega\,\lambda\,w^2 - 40\,z^3\,y^4\,\omega^2\,\mu\,x^2 \\
&+ 6000\,y^7\,\omega\,\mu\,z\,\eta\,w + 4000\,y^8\,\omega^2\,\mu\,z - 40\,y^5\,\eta\,\omega\,\kappa\,x\,w^3,
\end{aligned}
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\begin{aligned}
&-5\,y^3\,\omega^2\,\zeta\,\eta\,z + 80\,y^5\,\omega^4\,\mu\,x^2\,z - 40\,y^3\,\omega^4\,\mu\,x^4\,z + 6\,y^3\,\omega^4\,\lambda\,z^3\,x^2 - 12\,y^6\,\omega^3\,\eta\,\lambda\,w^2 \\
&+ 16\,y^5\,\omega^4\,x^2\,\lambda\,w - 4\,y^3\,\omega^4\,x^4\,\lambda\,w - 6\,y^6\,\omega^3\,\zeta\,\lambda\,w^2 - 11\,y^7\,\omega^3\,\zeta\,\nu\,w - 5\,y^4\,\omega^3\,\zeta \\
&+ 2\,y^4\,\omega^3\,\eta + 8\,y^8\,\omega^4\,\nu + 5\,\zeta^2\,y^4\,\omega^2 - 50\,\zeta^3\,z^4\,\eta + 100\,\zeta^3\,x\,\xi\,z\,y\,w + 50\,\zeta^3\,z\,x^2\,\eta\,w \\
&- 150\,\zeta^3\,z\,y^2\,\eta\,w - 20\,\zeta^2\,y\,\omega\,z^3\,\eta - 55\,\zeta^2\,y^3\,\omega\,\eta\,w + 100\,\zeta^4\,y\,z^3 + 250\,\zeta^4\,y^3\,w \\
&+ 35\,\zeta^2\,y\,\omega\,\eta\,w\,x^2 + 100\,\zeta^3\,y\,\omega\,x^2\,z - 25\,y^2\,\omega^3\,x^2\,\lambda\,\zeta\,z^4 - 4\,y^4\,\omega^3\,\zeta\,x^2\,\lambda\,w^2 \\
&+ 10\,y^5\,\omega^3\,\zeta\,\kappa\,x\,w^2 + 11\,y^5\,\omega^3\,\zeta\,x^2\,\nu\,w - 15\,y^5\,\omega^3\,\zeta\,\mu\,z^2\,w + 20\,y^7\,\omega^3\,\zeta\,\nu\,z \\
&+ 55\,y^4\,\omega^3\,\zeta\,z^4\,\lambda + 50\,y^7\,\omega^3\,\zeta\,\mu\,w - 5\,\zeta^2\,y^2\,\omega^2\,x^2 + 20\,\zeta^2\,y^2\,\omega\,x\,w\,\xi + 8\,y^5\,\omega^3\,\eta\,\kappa\,x\,w^2 \\
&- 250\,\zeta^4\,x^2\,y\,w - 4\,y^5\,\omega^4\,x^2\,\mu\,w + 16\,y^7\,\omega^3\,\nu\,\eta\,w - 60\,y^6\,\omega^3\,\mu\,z\,\eta\,w \\
&- 10\,y^4\,\omega^3\,\eta\,\lambda\,z^3\,w - 4\,y^2\,\omega^3\,x^4\,\eta\,\lambda\,w^2 + 10\,y^2\,\omega^2\,\zeta\,z\,x\,\xi - 55\,y^5\,\omega^3\,\zeta\,z^3\,\mu \\
&- 27\,y^4\,\omega^3\,\zeta\,\nu\,x^2\,z^2 + 6\,y^2\,\omega^3\,x^2\,\eta\,\lambda\,z^3\,w - 20\,y^2\,\omega^3\,\mu\,x^4\,z\,\eta\,w - 4\,y^4\,\omega^3\,x^2\,\mu\,\eta\,w^2 \\
&- 5\,y\,\omega^2\,\zeta\,x^2\,z\,\eta + 55\,y^3\,\omega^3\,\zeta\,z^3\,\mu\,x^2 - 16\,y^6\,\omega^3\,\nu\,x\,w\,\xi - 8\,y^3\,\omega^3\,x^3\,\eta\,\kappa\,w^2 \\
&+ 16\,y^4\,\omega^3\,\nu\,x^3\,w\,\xi - 16\,y^5\,\omega^3\,\nu\,x^2\,\eta\,w + 16\,y^4\,\omega^3\,x^2\,\eta\,\lambda\,w^2 + 50\,y^3\,\omega^3\,\zeta\,x^4\,\mu\,w \\
&+ 20\,y^3\,\omega^3\,\zeta\,\nu\,x^4\,z - 30\,y^3\,\omega^3\,\zeta\,z^4\,x\,\kappa + 4\,y^6\,\omega^3\,\mu\,\eta\,w^2 - 100\,y^5\,\omega^3\,\zeta\,x^2\,\mu\,w \\
&+ 30\,y^6\,\omega^3\,\zeta\,z\,\lambda\,w - 40\,y^5\,\omega^3\,\zeta\,\nu\,x^2\,z + 4\,y^4\,\omega^4\,x\,\kappa\,z^3 + 8\,y^6\,\omega^4\,x\,\kappa\,w - 8\,y^4\,\omega^4\,x^3\,\kappa\,w \\
&+ 2\,y^4\,\omega^4\,\mu\,x^2\,z^2 - 2\,y^5\,\omega^3\,\mu\,z^2\,\eta\,w + 4\,y^4\,\omega^3\,\lambda\,z^3\,\zeta\,w - 2\,y^3\,\omega^3\,\eta\,\lambda\,z^4\,w \\
&+ 4\,y^4\,\omega^3\,\eta\,\mu\,z^3\,w - 2\,y^5\,\omega^4\,z\,\nu\,x^2 + 4\,y^6\,\omega^3\,z\,\nu\,\eta\,w - 2\,y^5\,\omega^3\,z\,\eta\,\lambda\,w^2 \\
&+ 2\,y^4\,\omega^4\,z\,x^2\,\lambda\,w - 3\,y^5\,\omega^3\,\zeta\,z^2\,\lambda\,w - 2\,y^6\,\omega^4\,z\,\lambda\,w + 7\,y^4\,\omega^3\,\zeta\,z^4\,\mu + 27\,y^6\,\omega^3\,\zeta\,\nu\,z^2 \\
&- 40\,y^3\,\omega^3\,\mu\,x^3\,\xi\,z\,w - 100\,\zeta^3\,y^3\,\omega\,z + 40\,y^5\,\omega^3\,\mu\,x\,\xi\,z\,w - 30\,\zeta^3\,y^2\,\omega\,z^2 \\
&+ 80\,y^4\,\omega^3\,\mu\,x^2\,z\,\eta\,w - 40\,y^4\,\omega^3\,\zeta\,z\,\lambda\,w\,x^2 + 2\,y^2\,\omega^3\,x^2\,\eta + 12\,y^4\,\omega^3\,\zeta\,z^2\,x\,\kappa\,w
\end{aligned}
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\begin{aligned}
&- 12\,y^7\,\omega^4\,\lambda\,w - 9\,y^3\,\omega^3\,\zeta\,z^2\,\lambda\,w\,x^2 + 4\,y^3\,\omega^3\,x\,\kappa\,\eta\,z^3\,w - 20\,y^5\,\omega^3\,\zeta\,z\,x\,\kappa\,w \\
&- 10\,y^5\,\omega^4\,\lambda\,z^3 + 20\,y^3\,\omega^3\,\zeta\,z\,x^3\,\kappa\,w - 4\,y^3\,\omega^3\,x\,\xi + 4\,y^7\,\omega^4\,\mu\,w - 16\,y^6\,\omega^4\,\nu\,x^2 \\
&+ 10\,y^2\,\omega^3\,\zeta\,z\,x^4\,\lambda\,w + 2\,y^3\,\omega^3\,\mu\,x^2\,z^2\,\eta\,w + 8\,y^4\,\omega^4\,\nu\,x^4 + 2\,y^3\,\omega^3\,z\,x^2\,\eta\,\lambda\,w^2 \\
&- 4\,y^5\,\omega^3\,z\,\nu\,x\,w\,\xi - 40\,y^7\,\omega^4\,\mu\,z - 2\,y^6\,\omega^4\,\mu\,z^2 + 4\,y^5\,\omega^4\,\mu\,z^3 + 2\,y^7\,\omega^4\,z\,\nu \\
&- 2\,y^4\,\omega^4\,\lambda\,z^4 - 10\,\omega\,\eta\,\zeta\,x\,\xi\,z\,y\,w + 15\,\omega\,\eta^2\,\zeta\,z\,y^2\,w + 5\,\omega\,\eta^2\,\zeta\,z^4 - 5\,\omega\,\eta^2\,\zeta\,z\,x^2\,w,
\end{aligned}
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\begin{aligned}
&24\,\xi\,x^3\,y^2\,\omega^2 + 8\,x^3\,y^3\,\omega^3\,\kappa\,z^3 + 8\,y^6\,\omega^3\,z\,x\,\kappa\,w - 8\,y^4\,\omega^3\,z\,x^3\,\kappa\,w - 44\,y^7\,\omega^3\,\mu\,z^2 \\
&- 4\,y^4\,\omega^3\,\nu\,x^4\,z - 44\,x^4\,\omega^3\,\mu\,z^2\,y^3 + 8\,y^6\,\omega^3\,\nu\,x^2\,z + 8\,y^5\,\omega^3\,z\,\lambda\,w\,x^2 + 12\,y^4\,\omega^3\,x^4\,\mu\,w \\
&- 24\,y^6\,\omega^3\,x^2\,\mu\,w - 8\,y^5\,\omega^3\,x\,\kappa\,z^3 + 40\,\xi^2\,x^2\,\zeta\,z\,y\,w - 100\,\xi\,x\,\zeta\,z\,y^2\,\eta\,w \\
&+ 20\,\xi\,x^3\,\zeta\,z\,\eta\,w - 40\,\xi\,x\,y^3\,\omega\,\zeta\,z - 44\,\xi\,x\,y^3\,\omega\,\eta\,w + 18\,\xi\,x\,y^2\,\omega\,z^2\,\zeta - 6\,\xi\,x\,y\,\omega\,z^3\,\eta \\
&+ 16\,\xi^2\,x^2\,y^2\,\omega\,w - 100\,\xi\,x^3\,\zeta^2\,y\,w + 40\,\xi\,x^3\,y\,\omega\,\zeta\,z - 8\,\xi\,x\,y^3\,\omega^2\,z + 12\,\xi\,x^3\,y\,\omega\,\eta\,w \\
&+ 100\,\xi\,x\,y^3\,\zeta^2\,w - 10\,\xi\,x\,\zeta^2\,y\,z^3 - 20\,\xi\,x\,\zeta\,z^4\,\eta - 24\,\xi\,x\,y^4\,\omega^2 + 12\,y^8\,\omega^3\,\mu\,w \\
&- 16\,y^9\,\nu\,\omega^3 - y^5\,\omega^2\,\zeta + 40\,y\,x^6\,\omega^2\,\mu\,z\,\eta\,w - 200\,x^4\,\omega^2\,\mu\,z\,y^3\,\eta\,w \\
&+ 280\,x^2\,\omega^2\,\mu\,y^5\,z\,\eta\,w - 160\,x^3\,\omega^2\,\mu\,y^4\,\xi\,z\,w + 80\,x^5\,\omega^2\,\mu\,\xi\,z\,y^2\,w + 80\,y^6\,\omega^2\,\mu\,x\,\xi\,z\,w \\
&- 600\,y^6\,\zeta\,x^2\,\mu\,\omega^2\,w - x^2\,y^2\,\omega^2\,\eta\,z + 16\,x\,y^7\,\omega^3\,\kappa\,w + 88\,x^2\,\omega^3\,\mu\,z^2\,y^5 \\
&- 40\,\omega\,x^2\,\zeta\,y^2\,\eta\,z + 40\,\omega\,y^4\,\zeta\,\eta\,z - 2\,\omega\,x\,\xi\,z\,y^2\,\eta\,w - 18\,\omega\,y^3\,\zeta\,\eta\,z^2 + 3\,\omega\,y^2\,\eta\,x^2\,\zeta\,w \\
&- 126\,\omega\,z\,y^2\,\zeta^2\,x^2 - 22\,\omega\,x\,\xi\,y^3\,\zeta\,w - 16\,\omega\,y^2\,\eta^2\,w\,x^2 + 2\,\omega\,y^3\,\eta^2\,z\,w + 19\,\omega\,y^4\,\eta\,\zeta\,w \\
&+ 126\,\omega\,z\,y^4\,\zeta^2 + 30\,\omega\,y^4\,\eta^2\,w + 7\,\omega\,y^2\,\eta^2\,z^3 - 120\,y^7\,\omega^2\,\mu\,z\,\eta\,w + 200\,y^8\,\zeta\,\mu\,\omega^2\,w \\
&+ 4\,y^6\,\omega^3\,\lambda\,z^3 - 40\,y^3\,\eta\,x^2\,\omega^2 - 80\,y^8\,\omega^3\,\mu\,z + 33\,\omega\,y^3\,\zeta^2\,z^2 + 2\,\omega\,x^4\,\eta^2\,w - \omega\,x^2\,z^3\,\eta^2 \\
&+ 80\,x^6\,\omega^3\,\mu\,z\,y^2 - 160\,y^4\,\zeta\,z^3\,\mu\,x^2\,\omega^2 + 80\,y^6\,\zeta\,z^3\,\mu\,\omega^2 + 600\,y^4\,\zeta\,x^4\,\mu\,\omega^2\,w \\
&- 24\,y^8\,\omega^3\,\lambda\,w + 56\,x^2\,\omega^3\,\lambda\,y^6\,w - 4\,x^4\,\omega^3\,\lambda\,z^3\,y^2 + 80\,x^4\,\zeta\,z^3\,\mu\,y^2\,\omega^2 \\
&- 200\,x^6\,\zeta\,\mu\,\omega^2\,y^2\,w + 16\,x^5\,\omega^3\,\kappa\,y^3\,w - 240\,x^4\,\omega^3\,\mu\,z\,y^4 + 240\,x^2\,\omega^3\,\mu\,z\,y^6 \\
&- 40\,x^4\,\omega^3\,\lambda\,y^4\,w + 80\,x^2\,\omega^2\,\mu\,y^3\,\eta\,z^4 - 32\,x^3\,\omega^3\,\kappa\,y^5\,w + 8\,x^6\,\omega^3\,\lambda\,y^2\,w + 32\,y^5\,\eta\,\omega^2 \\
&- 40\,y\,x^4\,\omega^2\,\mu\,z^4\,\eta - 40\,y^5\,\eta\,\omega^2\,\mu\,z^4 - 8\,y^7\,\omega^3\,z\,\lambda\,w + 100\,y^2\,\eta\,x^2\,\zeta^2\,w + 60\,y^3\,\eta^2\,\zeta\,z\,w \\
&- 20\,y\,\eta^2\,\zeta\,z\,x^2\,w - 100\,y^4\,\eta\,\zeta^2\,w + 35\,y^2\,\eta\,\zeta^2\,z^3 + 20\,y\,\eta^2\,\zeta\,z^4 - 33\,\zeta^2\,z\,x^2\,y\,\eta\,w \\
&- 16\,\zeta^2\,z\,x\,y^2\,w\,\xi + 49\,\zeta^2\,z\,y^3\,\eta\,w - 125\,y^3\,\zeta^3\,z^2 - 66\,z^3\,y^2\,\zeta^3 + 33\,\zeta^2\,\eta\,y\,z^4 \\
&- 25\,\zeta^2\,x^2\,\eta\,z^3 + 90\,x^2\,\zeta^3\,y^2\,w + 125\,x^2\,y\,\zeta^3\,z^2 - 90\,y^4\,\zeta^3\,w + 9\,y^4\,\omega^2\,\eta\,z - 4\,y^8\,\omega^3\,\nu\,z \\
&+ y^3\,\omega^2\,x^2\,\zeta + 48\,x^2\,\nu\,y^7\,\omega^3 - 48\,x^4\,\nu\,y^5\,\omega^3 + 8\,x^4\,y\,\omega^2\,\eta + 16\,x^6\,\nu\,y^3\,\omega^3,
\end{aligned}
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\begin{aligned}
&-80\,\omega\,w^3\,y^2\,x\,\zeta + 80\,\omega\,w^5\,x^3\,\eta\,\nu\,y^2 + 120\,\omega\,w^5\,z\,x^3\,\zeta\,y\,\lambda - 120\,\omega\,w^5\,z\,\kappa\,\zeta\,y^4 \\
&+ 20\,\omega\,w^5\,z\,\mu\,y\,x^3\,\eta - 140\,\omega\,w^5\,z\,\mu\,y^3\,x\,\eta - 61440\,x\,\nu\,w^3\,y^6\,\omega\,\eta + 120\,\omega\,w^5\,z^2\,y^3\,\kappa\,\eta \\
&+ 80\,\omega\,w^5\,z\,x^2\,\zeta\,y^2\,\kappa + 80\,\omega\,w^4\,z^3\,x\,\zeta\,y^2\,\mu - 80\,\omega\,w^5\,z\,x\,\zeta\,y^3\,\lambda - 80\,\omega\,w^4\,z\,x\,\zeta\,\nu\,y^4 \\
&- 1920\,\omega\,w^5\,\xi\,\lambda\,y^5 - 400\,\omega\,w^5\,x^5\,\mu\,\eta - 40\,\omega\,w^4\,z^3\,x^3\,\mu\,\eta + 61440\,y^4\,\omega\,w^4\,x^2\,\eta\,\kappa
\end{aligned}
$$

$$+ 240\,\omega\,w^4\,z^3\,y^3\,\kappa\,\zeta + 40\,\omega\,w^4\,z^3\,x^3\,\zeta\,\lambda + 160\,\omega\,w^5\,z\,x^4\,\kappa\,\eta - 160\,\omega\,w^5\,z\,\xi\,x^4\,\lambda$$
$$- 40\,\omega^2\,w^4\,z^2\,y\,x^3\,\lambda - 240\,\omega\,w^4\,z^3\,\xi\,\mu\,y^3 + 240\,\omega\,w^4\,z^4\,\xi\,\lambda\,y^2 + 240\,\omega\,w^2\,z^4\,\xi$$
$$+ 480\,\omega\,w^4\,y^3\,x^3\,\zeta\,\nu + 983040\,y^4\,\omega\,w^3\,x^3\,\lambda\,\eta - 480\,\omega\,w^4\,y^5\,x\,\zeta\,\nu - 1200\,\omega\,w^5\,y^4\,x\,\zeta\,\lambda$$
$$+ 480\,\omega\,w^5\,y^3\,x^2\,\zeta\,\kappa + 80\,\omega\,w^4\,z\,x^3\,\zeta\,\nu\,y^2 + 20\,\omega\,w^3\,z\,x\,\zeta\,y - 480\,\omega\,w^5\,y^4\,z\,\kappa\,\eta$$
$$- 120\,\omega\,w^3\,z^2\,\xi\,y - 40\,\omega^2\,w^3\,z^4\,y^2\,x\,\mu + 40\,\omega^2\,w^4\,z^2\,y^3\,x\,\lambda + 491520\,y^2\,\omega\,x\,\eta\,z^3$$
$$- 160\,\omega\,w^5\,y^2\,x^3\,\zeta\,\lambda + 480\,\omega\,w^5\,y^5\,\kappa\,\zeta + 80\,\omega\,w^4\,z^4\,\kappa\,\eta\,x^2 - 240\,\omega\,w^4\,z^4\,\kappa\,\eta\,y^2$$
$$- 1120\,\omega\,w^5\,y^4\,\mu\,x\,\eta + 2000\,\omega\,w^5\,y^2\,\mu\,x^3\,\eta - 40\,\omega\,w^5\,z^2\,x^2\,\eta\,\kappa\,y - 20\,\omega\,w^5\,z^2\,x^3\,\eta\,\lambda$$
$$+ 60\,\omega\,w^5\,z^2\,x\,\eta\,\lambda\,y^2 + 20\,\omega\,w^4\,z^4\,x\,\eta\,\mu\,y - 120\,\omega\,w^5\,z^2\,\xi\,y^3\,\lambda - 80\,\omega\,w^4\,z^4\,\xi\,x^2\,\lambda$$
$$+ 160\,\omega\,w^4\,z\,x^5\,\nu\,\eta + 120\,\omega\,w^5\,z\,\xi\,\mu\,y^4 - 240\,\omega^2\,w^3\,y^3\,z^3\,x\,\mu + 320\,\omega^2\,w^3\,y^2\,z^4\,x\,\lambda$$
$$- 9830400\,y^2\,x\,\zeta^2\,z^3 - 9600\,\omega\,w^4\,y^5\,x\,\zeta\,\mu + 480\,\omega\,w^3\,y^2\,\xi\,z + 960\,\omega\,w^5\,x^3\,\eta\,y^2\,\lambda$$
$$+ 1920\,\omega\,w^5\,x^2\,\eta\,y^3\,\kappa - 2880\,\omega\,w^5\,x\,\eta\,y^4\,\lambda + 9600\,\omega\,w^4\,y^3\,x^3\,\zeta\,\mu + 2400\,\omega\,w^2\,x\,z^2\,y\,\zeta$$
$$- 720\,\omega\,w^4\,y^3\,x\,\zeta\,\mu\,z^2 + 24576000\,y^2\,x^3\,\zeta^2\,w - 480\,\omega\,w^5\,y^5\,\xi\,\mu - 3840\,\omega\,w^3\,x^3\,\zeta\,z\,\nu\,y^3$$
$$+ 983040\,x\,y^4\,\omega\,\zeta\,z^4\,\lambda\,w + 480\,\omega\,w^5\,y^4\,\xi\,z\,\lambda - 160\,\omega^2\,w^2\,y^2\,z\,x + 160\,\omega^2\,w^4\,z\,x^3\,\lambda\,y^2$$
$$+ 160\,\omega^2\,w\,z^4\,x + 1920\,\omega\,w^5\,\kappa\,\eta\,y^5 - 160\,\omega\,w^3\,y\,z\,x\,\eta - 245760000\,x\,y^5\,\zeta^2$$
$$+ 5898240\,x\,y^5\,\omega^2 + 491520000\,y^3\,\zeta^2\,x^3 - 245760000\,y\,x^5\,\zeta^2 - 2949120\,x^3\,z^3\,\eta^2$$
$$+ 5898240\,x^5\,\eta^2\,w + 62914560\,\xi\,y^6\,\omega - 24576000\,y^4\,x\,\zeta^2\,w - 20\,\omega^2\,w^2\,x\,z^3$$
$$- 920\,\omega\,w^4\,y^2\,x\,\zeta\,\lambda\,z^3 - 92160\,y^5\,\omega\,x\,\eta\,w^4\,\lambda - 1920\,\omega\,w^4\,y^5\,\nu\,x\,\eta$$
$$- 3840\,y^3\,\omega\,w^3\,z^3\,x\,\zeta\,\mu + 3840\,y^4\,\omega\,w^4\,z^2\,\kappa\,\eta + 9600\,y^4\,\omega\,w^4\,z\,x\,\zeta\,\lambda$$
$$+ 3840\,y^2\,\omega\,w^2\,z\,x\,\zeta + 7680\,y^4\,\omega\,w^3\,z^3\,\kappa\,\zeta - 19200\,y\,\omega\,w\,z^3\,x\,\zeta - 640\,\omega\,w^5\,y^2\,z\,x^2\,\eta\,\kappa$$
$$- 1920\,y^2\,\omega\,w^4\,z\,x^3\,\zeta\,\lambda - 3840\,y^4\,\omega\,w^4\,z\,\mu\,x\,\eta - 3840\,y^5\,\omega\,w^4\,z\,\kappa\,\zeta$$
$$+ 960\,y^2\,\omega\,w^3\,z^4\,x\,\zeta\,\lambda - 800\,\omega\,w^4\,y^2\,z\,\nu\,x^3\,\eta + 40\,\omega\,w^4\,y^2\,z^3\,x\,\eta\,\mu$$
$$+ 320\,\omega\,w^4\,y\,z^4\,x\,\eta\,\lambda + 960\,\omega\,w^5\,y^3\,z\,x\,\eta\,\lambda - 320\,\omega\,w^5\,y\,z\,x^3\,\eta\,\lambda$$
$$+ 3840\,y^5\,\omega\,w^3\,z\,x\,\zeta\,\nu + 15728640\,y^8\,\kappa\,\omega\,\zeta\,w^2 - 7680\,y^3\,\omega\,w^3\,z^4\,\kappa\,\eta$$
$$+ 5760\,y^2\,\omega\,w^3\,z^4\,x\,\eta\,\mu + 1920\,y\,\omega\,w^2\,z^2\,x\,\eta - 7680\,y^4\,\omega\,w^3\,z^3\,\xi\,\mu$$
$$+ 7680\,y^3\,\omega\,w^3\,z^4\,\xi\,\lambda + 3840\,y^5\,\omega\,w^4\,z\,\xi\,\mu - 3840\,y^4\,\omega\,w^4\,z^2\,\xi\,\lambda$$
$$+ 1920\,y^3\,\omega^2\,w^2\,z^4\,x\,\mu + 640\,\omega\,w^4\,y^4\,z\,\nu\,x\,\eta - 30720\,x\,y^4\,\omega^2\,\lambda\,w^2\,z^3$$
$$- 1966080\,y^3\,\omega^2\,x^3 + 31457280\,y^6\,z^3\,\kappa\,\omega\,\eta\,w - 7864320\,y^5\,z^4\,\kappa\,\omega\,\eta\,w$$
$$- 15728640\,y^7\,z\,\kappa\,\omega\,\eta\,w^2 - 346030080\,y^7\,z^2\,\kappa\,\omega\,\zeta\,w - 1228800\,x^3\,y^2\,\omega\,\zeta\,w$$
$$+ 20\,\omega^2\,w^3\,y^2\,x - 60\,\omega\,w^4\,y^2\,\xi - 245760\,z\,y^3\,\omega\,w^3\,x^3\,\lambda\,\eta - 15360\,y^3\,\omega\,w^2\,x\,\zeta$$
$$+ 737280\,y^5\,\omega\,z\,x\,\eta\,w^3\,\lambda - 491520\,y^4\,\omega\,z\,\nu\,x^3\,\eta\,w^2 + 491520\,y^6\,\omega\,z\,\nu\,x\,\eta\,w^2$$
$$+ 983040\,y^5\,\omega\,z^3\,\kappa\,\eta\,w^2 + 983040\,y^6\,\omega\,w^2\,\kappa\,\zeta\,z^2 - 491520\,y^4\,\omega\,z\,x^2\,\eta\,w^3\,\kappa$$
$$+ 245760\,y^3\,\omega\,z^4\,x\,\eta\,w^2\,\lambda - 983040\,y^5\,\omega\,\xi\,z^3\,\lambda\,w^2 + 491520\,y^6\,\omega\,\xi\,z\,w^3\,\lambda$$
$$- 737280\,y^3\,\omega\,z\,x\,\eta\,w + 245760\,y^4\,\omega^2\,z^4\,x\,\lambda\,w - 245760\,y^5\,\omega^2\,z^3\,x\,\mu\,w$$

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\begin{aligned}
&- 491520\, y^7\, \omega\, \xi\, \mu\, w^3 + 491520\, y^4\, \omega\, \xi\, z\, w + 1228800\, y^4\, \omega\, \mu\, w^3\, x^3\, \eta \\
&- 737280\, y^6\, \omega\, \mu\, w^3\, x\, \eta + 491520\, y^7\, \omega\, \kappa\, \zeta\, w^3 + 491520\, y^5\, \omega\, x^2\, \zeta\, w^3\, \kappa \\
&- 737280\, y^5\, \omega\, x\, \zeta\, w^2\, \mu\, z^2 - 1228800\, y^6\, \omega\, x\, \zeta\, w^3\, \lambda - 491520\, y^7\, \omega\, x\, \zeta\, \nu\, w^2 \\
&+ 737280\, y^4\, \omega\, x\, \zeta\, w - 491520\, y^6\, \omega\, z\, w^3\, \kappa\, \eta + 491520\, y^5\, \omega\, x^3\, \zeta\, \nu\, w^2 \\
&- 3932160\, y^5\, \omega\, x\, \zeta\, z^3\, \mu\, w - 737280\, y^4\, \omega\, x\, \zeta\, w^2\, \lambda\, z^3 + 245760\, y^4\, \omega\, x^3\, \zeta\, w^3\, \lambda \\
&+ 1228800\, y^4\, \omega\, z^4\, x\, \zeta\, \mu\, w + 1966080\, y^5\, \omega\, z^2\, x\, \zeta\, \lambda\, w^2 + 1966080\, y^7\, \omega\, w^3\, \kappa\, \eta \\
&- 1966080\, y^5\, \omega\, w\, \kappa\, \zeta\, z^4 + 5406720\, y^3\, \omega\, z^2\, x\, \zeta - 9830400\, y^2\, x^3\, \omega\, \zeta\, z + 20\, \omega^2\, w^5\, x^5\, \lambda \\
&+ 15360\, y^3\, \omega\, w^2\, \xi\, z - 20\, \omega\, w^4\, \xi\, x^2 + 4915200\, y\, x\, \zeta\, z^4\, \eta - 9830400\, y^2\, x^2\, \zeta\, \xi\, z\, w \\
&+ 14745600\, y^3\, x\, \zeta\, z\, \eta\, w - 4915200\, y\, x^3\, \zeta\, z\, \eta\, w + 3932160\, y^6\, \kappa\, \omega\, z^2\, \eta\, w^2 \\
&+ 7864320\, y^6\, \kappa\, \omega\, z^3\, \zeta\, w - 7864320\, y^4\, x^3\, \omega\, \lambda\, z\, \eta\, w^2 - 100\, \omega\, w^4\, x^2\, \kappa\, \zeta\, z^4 \\
&+ 15360\, y^6\, \omega\, w^4\, \kappa\, \zeta + 76800\, \zeta\, z^2\, y^2\, x\, \omega\, w - 61440\, y^4\, \omega\, \xi\, w^2 - 3840\, y^3\, \omega\, w^4\, z\, x^2\, \zeta\, \kappa \\
&- 960\, \omega\, w^4\, z^3\, x\, \eta\, \lambda\, y^2 - 960\, \omega\, w^4\, z^3\, \xi\, y^3\, \lambda - 960\, \omega^2\, w\, z^3\, y\, x + 1920\, \omega\, w^3\, z^4\, \xi\, \mu\, y^3 \\
&- 480\, \omega\, w^2\, z^3\, x\, \eta - 40\, \omega\, w^6\, y^3\, x\, \eta\, \lambda - 960\, \omega\, w^4\, z^2\, \xi\, \mu\, y^4 - 960\, \omega\, w^2\, z^3\, \xi\, y \\
&- 960\, \omega^2\, w^3\, z^3\, y^3\, x\, \lambda + 960\, \omega\, w^4\, z^3\, y^3\, \kappa\, \eta + 960\, \omega\, w^4\, z^2\, \kappa\, \zeta\, y^4 - 4800\, \omega\, w^4\, z^2\, \mu\, y^3\, x\, \eta \\
&+ 1920\, \omega\, w^4\, z^2\, x\, \zeta\, y^3\, \lambda + 1200\, \omega\, w^3\, z^4\, x\, \zeta\, y^2\, \mu - 1920\, \omega\, w^3\, z^4\, y^3\, \kappa\, \zeta - 400\, \omega\, w^3\, x^3\, \zeta \\
&- 60\, \omega\, w^5\, y^4\, x\, \nu\, \eta + 60\, \omega\, w^4\, y^2\, \xi\, z^4\, \mu - 30\, \omega\, w^5\, y^3\, \xi\, \mu\, z^2 - 60\, \omega\, w^6\, y^4\, \xi\, \lambda \\
&+ 200\, \omega\, w^5\, y^4\, x\, \zeta\, \mu - 200\, \omega\, w^5\, y^2\, x^3\, \zeta\, \mu - 50\, \omega^2\, w^4\, y^3\, x\, \mu\, z^2 - 60\, \omega\, w^4\, y^2\, z^4\, \kappa\, \zeta \\
&+ 30\, \omega\, w^5\, y^3\, \kappa\, \zeta\, z^2 + 40\, \omega\, w^6\, y^2\, x^2\, \eta\, \kappa - 195\, \omega\, w^5\, y^2\, x\, \eta\, \mu\, z^2 + 3840\, \omega\, w\, z^4\, x\, \eta \\
&- 983040\, x\, y^5\, \omega^2\, \lambda\, z^3\, w + 1920\, \omega\, w^4\, x^3\, \nu\, \eta\, y^3 + 491520\, z\, y^2\, \omega\, \xi\, w\, x^2 \\
&- 245760\, z^4\, y^4\, \omega\, \kappa\, \eta\, w^2 + 160\, \omega^2\, w^2\, z\, x^3 + 184320\, z^4\, y^3\, \omega\, x\, \eta\, w^2\, \mu \\
&- 122880\, z^2\, y^5\, \omega\, \xi\, w^3\, \lambda + 61440\, z^2\, y^2\, \omega\, x\, \eta\, w + 122880\, z\, y^6\, \omega\, \xi\, \mu\, w^3 \\
&- 122880\, z^2\, y^3\, \omega\, \xi\, w + 245760\, z^4\, y^2\, \omega\, \xi - 160\, \omega^2\, w^4\, z\, x^5\, \lambda + 61440\, z^4\, y^4\, \omega^2\, x\, \mu\, w \\
&- 245760\, z^3\, y^5\, \omega\, \xi\, \mu\, w^2 + 245760\, z^4\, y^4\, \omega\, \xi\, \lambda\, w^2 - 122880\, z\, y^6\, \omega\, \kappa\, \zeta\, w^3 \\
&+ 30720\, z^4\, y^3\, \omega\, x\, \zeta\, w^2\, \lambda - 61440\, z\, y^3\, \omega\, x^3\, \zeta\, w^3\, \lambda - 122880\, z\, y^5\, \omega\, \mu\, w^3\, x\, \eta \\
&- 122880\, z^3\, y^4\, \omega\, x\, \zeta\, w^2\, \mu + 307200\, z\, y^5\, \omega\, x\, \zeta\, w^3\, \lambda + 122880\, z\, y^6\, \omega\, x\, \zeta\, \nu\, w^2 \\
&- 122880\, z\, y^4\, \omega\, x^3\, \zeta\, \nu\, w^2 + 245760\, z^3\, y^5\, \omega\, w^2\, \kappa\, \zeta + 122880\, z^2\, y^5\, \omega\, w^3\, \kappa\, \eta \\
&+ 122880\, z\, y^3\, \omega\, x\, \zeta\, w - 122880\, z^3\, y^2\, \omega\, x\, \zeta + 160\, \omega\, w^3\, z\, \xi\, x^2 - 440\, \omega\, w^2\, z^3\, x\, \zeta \\
&- 1966080\, y^4\, z\, \lambda\, \omega\, x^3\, \zeta\, w^2 + 38400\, y^3\, \omega\, w^4\, \mu\, x^3\, \eta - 23040\, y^5\, \omega\, w^4\, \mu\, x\, \eta \\
&+ 15360\, y^4\, \omega\, w^3\, x^3\, \zeta\, \nu - 983040\, y^3\, \omega\, \xi\, z^3 - 15360\, y^6\, \omega\, w^3\, x\, \zeta\, \nu \\
&- 23040\, y^4\, \omega\, w^3\, x\, \zeta\, \mu\, z^2 - 491520\, y^4\, \omega^2\, z\, x + 61440\, y^6\, \omega\, \kappa\, \eta\, w^4 + 80\, \omega\, w^3\, z^2\, x\, \eta \\
&+ 245760\, z\, y\, \omega\, x^3\, \eta\, w + 30720\, \omega\, x^3\, \eta\, w^4\, y^3\, \lambda + 61440\, \omega\, x^3\, \eta\, w^3\, \nu\, y^4 \\
&+ 15360\, y^5\, \omega\, w^3\, z\, \nu\, x\, \eta - 15360\, y^3\, \omega\, w^3\, z\, \nu\, x^3\, \eta + 7680\, y^2\, \omega\, w^3\, z^4\, x\, \eta\, \lambda \\
&+ 23040\, y^4\, \omega\, w^4\, z\, x\, \eta\, \lambda - 15360\, y^3\, \omega\, w^4\, z\, x^2\, \eta\, \kappa + 15360\, y^5\, \omega\, w^4\, \xi\, z\, \lambda
\end{aligned}
$$

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\begin{aligned}
&- 7680\, y^4\, \omega^2\, w^2\, z^3\, x\, \mu + 7680\, y^3\, \omega^2\, w^2\, z^4\, x\, \lambda - 307200\, y^6\, \omega\, w^3\, x\, \zeta\, \mu \\
&+ 307200\, y^4\, \omega\, w^3\, x^3\, \zeta\, \mu - 15360\, y^6\, \omega\, w^4\, \xi\, \mu + 7680\, y^3\, \omega\, w^4\, x^3\, \zeta\, \lambda \\
&- 23040\, y^3\, \omega\, w^3\, x\, \zeta\, \lambda\, z^3 - 30720\, z^3\, y^3\, \omega\, x\, \eta\, w^3\, \lambda - 15360\, z^3\, y\, \omega\, x\, \eta\, w \\
&- 30720\, z^3\, y^4\, \omega\, \xi\, w^3\, \lambda - 30720\, z^3\, y^2\, \omega^2\, x + 61440\, z^4\, y^4\, \omega\, \xi\, \mu\, w^2 \\
&- 30720\, z^2\, y^5\, \omega\, \xi\, \mu\, w^3 - 30720\, z^3\, y^2\, \omega\, \xi\, w - 153600\, z^2\, y^4\, \omega\, \mu\, w^3\, x\, \eta \\
&+ 30720\, z^2\, y^5\, \omega\, \kappa\, \zeta\, w^3 + 61440\, z^2\, y^4\, \omega\, x\, \zeta\, w^3\, \lambda + 38400\, z^4\, y^3\, \omega\, x\, \zeta\, w^2\, \mu \\
&+ 30720\, z^3\, y^4\, \omega\, w^3\, \kappa\, \eta - 61440\, z^4\, y^4\, \omega\, w^2\, \kappa\, \zeta + 491520\, z\, y^2\, \omega^2\, x^3 + 7680\, y\, \omega\, w\, z^4\, \xi \\
&- 3840\, y^2\, \omega\, w^2\, z^2\, \xi - 3932160\, y^7\, \kappa\, \omega\, z\, \zeta\, w^2 + 7680\, \omega^2\, z^4\, x\, y - 983040\, y^2\, x^3\, \omega\, \eta\, w \\
&- 20\, \omega^2\, w^3\, x^3 - 1966080\, y^3\, x^2\, \omega\, w\, \xi - 20\, \omega\, w^6\, x^4\, \kappa\, \eta - 60\, \omega\, w^6\, z\, y^3\, \kappa\, \eta \\
&+ 50\, \omega\, w^6\, x^2\, \zeta\, y^2\, \kappa + 125\, \omega\, w^5\, x\, \zeta\, z\, \mu\, y^3 + 400\, \omega\, w^5\, x^5\, \zeta\, \lambda + 314572800\, y^6\, \omega\, \kappa\, \zeta\, z^4 \\
&- 125829120\, y^9\, \omega^2\, \kappa\, w - 188743680\, y^8\, \omega\, \kappa\, \eta\, w^2 + 5\, \omega\, w^5\, z\, \nu\, y\, x^3\, \eta \\
&- 35\, \omega\, w^5\, z\, \nu\, y^3\, x\, \eta - 10\, \omega\, w^5\, z^3\, \kappa\, \eta\, x^2 + 30\, \omega\, w^5\, z^3\, \kappa\, \eta\, y^2 + 10\, \omega\, w^6\, z\, x^2\, \eta\, \kappa\, y \\
&+ 5\, \omega\, w^6\, z\, x^3\, \eta\, \lambda - 5\, \omega\, w^5\, z^4\, x\, \eta\, \lambda + 10\, \omega\, w^5\, \xi\, x^2\, \lambda\, z^3 + 100\, \omega\, w^4\, \xi\, x^2\, \mu\, z^4 \\
&+ 30\, \omega\, w^5\, \xi\, z\, \nu\, y^4 + 60\, \omega\, w^6\, \xi\, z\, y^3\, \lambda - 30\, \omega\, w^3\, \xi\, z^3 - 30\, \omega\, w^5\, \xi\, z^3\, \lambda\, y^2 - 5\, \omega\, w^4\, z\, x\, \eta \\
&- 15\, \omega\, w^6\, z\, x\, \eta\, \lambda\, y^2 - 50\, \omega\, w^5\, z^3\, x\, \eta\, \mu\, y + 20\, \omega\, w^6\, \xi\, x^4\, \lambda - 90\, \omega\, w^6\, \xi\, \mu\, y^4 \\
&+ 30\, \omega\, w^4\, \xi\, z\, y - 5\, \omega^2\, w^4\, z^4\, y\, x\, \lambda - 50\, \omega^2\, w^4\, z^3\, y^2\, x\, \mu + 25\, \omega^2\, w^5\, z\, y^3\, x\, \lambda \\
&- 20\, \omega\, w^5\, x^5\, \nu\, \eta - 100\, \omega\, w^3\, x^3\, \nu\, \zeta\, z^4 + 5\, \omega^2\, w^5\, z\, y\, x^3\, \lambda + 15\, \omega^2\, w^3\, z\, y\, x \\
&+ 50\, \omega^2\, w^4\, x^3\, \mu\, y\, z^2 + 100\, \omega^2\, w^3\, x^3\, \mu\, z^4 - 7680\, \omega\, w^4\, z\, x^3\, \lambda\, \eta\, y^2 - 50\, \omega^2\, w^5\, \mu\, y^4\, x \\
&+ 50\, \omega^2\, w^5\, \mu\, y^2\, x^3 + 90\, \omega\, w^6\, \kappa\, \zeta\, y^4 + 10\, \omega\, w^5\, x\, \zeta\, y\, \lambda\, z^3 - 10\, \omega\, w^6\, x^3\, \zeta\, y\, \lambda \\
&- 130\, \omega\, w^6\, x\, \zeta\, y^3\, \lambda - 25\, \omega\, w^5\, x\, \zeta\, \nu\, y^4 - 125\, \omega\, w^5\, x^3\, \zeta\, z\, \mu\, y - 70\, \omega\, w^4\, x\, \zeta\, y \\
&- 75\, \omega\, w^5\, x\, \zeta\, y^2\, \mu\, z^2 + 25\, \omega\, w^5\, x^3\, \zeta\, \nu\, y^2 + 105\, \omega\, w^5\, x^3\, \mu\, z^2\, \eta + 35\, \omega\, w^6\, \mu\, y\, x^3\, \eta \\
&+ 55\, \omega\, w^6\, \mu\, y^3\, x\, \eta - 30\, \omega^2\, w^5\, z\, y^4\, \kappa + 50\, \omega\, w^5\, z^2\, x^2\, \zeta\, \kappa\, y - 80\, \omega\, w^5\, z^2\, x^3\, \zeta\, \lambda \\
&- 122880\, z\, y^4\, \omega\, x^2\, \zeta\, w^3\, \kappa - 1920\, \omega\, w^3\, \xi\, y^3 - 61440\, y^6\, \omega\, \xi\, \lambda\, w^4 \\
&- 3932160\, x\, y^6\, \omega^2\, z^2\, \lambda\, w - 2949120\, x\, y^6\, \eta\, \omega\, \lambda\, w^3 - 288817152\, x\, y^7\, \zeta\, \omega\, \lambda\, w^2 \\
&- 1297612800\, x\, y^7\, \omega\, \mu\, z\, \eta\, w - 865075200\, x\, y^8\, \omega^2\, \mu\, z - 566231040\, x\, y^7\, \eta\, \omega\, \lambda\, w^2 \\
&- 125829120\, x\, y^8\, \eta\, \nu\, \omega\, w - 179109888\, x\, y^8\, \zeta\, \nu\, \omega\, w - 196608000\, x\, y^8\, \zeta\, \nu\, z\, \omega \\
&+ 29491200\, x\, y^6\, \zeta\, z^3\, \mu\, \omega - 294912000\, x\, y^7\, \zeta\, z\, \lambda\, \omega\, w - 1966080\, x\, y^7\, \omega\, \nu\, \eta\, w^2 \\
&- 322437120\, x\, y^8\, \omega^2\, \lambda\, w + 106070016\, x\, \zeta\, \mu\, y^7\, w^2\, \omega + 2654208000\, x\, y^8\, \zeta\, \mu\, \omega\, w \\
&- 10813440\, x\, y^2\, \eta^2\, z^3 + 3932160\, x\, y^8\, \omega^2\, \nu\, w + 98304\, x\, y^4\, \eta\, \zeta\, w \\
&- 7864320\, x\, z\, y^6\, \eta\, \omega\, \lambda\, w^2 + 575078400\, x\, z\, y^7\, \zeta\, \mu\, \omega\, w + 7864320\, x\, y^4\, \eta\, \omega\, \lambda\, z^4\, w \\
&+ 452198400\, x\, y^5\, \zeta\, z^4\, \mu\, \omega - 475103232\, x\, y^6\, \zeta\, z^2\, \mu\, w\, \omega - 323420160\, x\, y^6\, \zeta\, z^2\, \lambda\, \omega\, w \\
&+ 15040512\, x\, \zeta\, z^3\, \lambda\, y^5\, \omega\, w - 3932160\, x\, y^7\, \omega^2\, \nu\, z^2 - 318504960\, x\, y^7\, \omega^2\, \mu\, z^2 \\
&- 86016000\, x\, y^3\, \zeta\, \eta\, z^2 - 707788800\, x\, y^6\, \omega\, \mu\, z^2\, \eta\, w - 26836992\, x\, y^2\, \eta\, \zeta\, z^3
\end{aligned}
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$$+ 678297600\, x\, y^5\, \zeta\, z^4\, \lambda\, \omega + 147456000\, x\, y^4\, \zeta\, \eta\, z - 141557760\, x\, y^5\, \eta\, \omega\, \lambda\, z^3\, w$$
$$+ 353894400\, x\, y^5\, \eta\, \omega\, \mu\, z^4 + 5898240\, x\, y^3\, \eta^2\, z\, w + 23592960\, x\, y^7\, \eta\, \omega\, \mu\, w^2$$
$$- 145489920\, x\, y^6\, \omega^2\, \lambda\, z^3 + 196608000\, x^7\, \zeta\, \nu\, z\, y^2\, \omega + 471859200\, x^3\, \omega\, \lambda\, y^5\, \eta\, w^2$$
$$- 1336934400\, x^5\, \omega^2\, \mu\, z\, y^4 + 1966080000\, x^3\, \omega^2\, \mu\, z\, y^6 - 157286400\, x^3\, \zeta\, z^4\, \lambda\, y^3\, \omega$$
$$- 180879360\, x^5\, \omega^2\, \lambda\, y^4\, w + 358219776\, y^6\, \zeta\, x^3\, \nu\, \omega\, w - 589824000\, y^4\, \zeta\, \nu\, x^5\, z\, \omega$$
$$+ 589824000\, y^6\, \zeta\, \nu\, x^3\, z\, \omega + 479723520\, x^3\, \omega^2\, \lambda\, y^6\, w - 11796480\, x^5\, \omega^2\, \lambda\, z^3\, y^2$$
$$+ 186777600\, x^5\, \zeta\, z^3\, \mu\, y^2\, \omega - 1081344000\, x^7\, \zeta\, \mu\, \omega\, y^2\, w + 62914560\, x^3\, \omega^2\, \lambda\, z^3\, y^4$$
$$- 98304000\, y^3\, \zeta\, z\, x^2\, \xi - 412876800\, y^4\, \zeta\, z^4\, x^2\, \kappa\, \omega + 235929600\, x^7\, \omega^2\, \mu\, z\, y^2$$
$$- 216268800\, y^4\, \zeta\, z^3\, \mu\, x^3\, \omega + 1966080\, y^5\, \omega\, x^3\, \nu\, \eta\, w^2 + 4816896000\, y^4\, \zeta\, x^5\, \mu\, \omega\, w$$
$$- 3932160\, y^6\, \omega^2\, x^3\, \nu\, w - 3932160\, z^3\, y^4\, \omega^2\, \mu\, x^3 - 179109888\, x^5\, \zeta\, \nu\, \omega\, y^4\, w$$
$$+ 78643200\, x^3\, \omega\, \lambda\, z^3\, \eta\, y^3\, w + 98304000\, x^7\, \zeta\, z\, \lambda\, \omega\, y\, w - 203685888\, x^4\, \zeta\, y^4\, \omega\, \kappa\, w^2$$
$$+ 366084096\, x^3\, \zeta\, y^5\, \omega\, \lambda\, w^2 + 1966080\, y^5\, \eta\, \omega\, \kappa\, x^2\, w^3 - 3932160\, x\, y^6\, \omega\, \eta\, z\, \mu\, w^2$$
$$- 3932160\, x\, y^8\, \omega^2\, \mu\, w + 1966080\, x\, y^3\, \omega\, \eta\, z^2 + 11796480\, x\, y^6\, \omega^2\, \mu\, z^2\, w$$
$$- 24870912\, x\, y^4\, \omega\, \zeta\, z - 983040\, x\, y^4\, \omega\, \eta\, z + 3932160\, x\, y^8\, \omega^2\, \nu\, z$$
$$+ 7864320\, x\, y^7\, \omega^2\, \lambda\, w^2 - 34701312\, x\, y^7\, \omega\, \zeta\, z\, \nu\, w - 67436544\, x\, y^6\, \omega\, \zeta\, z\, \lambda\, w^2$$
$$+ 3932160\, x\, y^5\, \omega^2\, z^4\, \lambda + 2949120\, x\, y^4\, \omega\, \eta\, w - 9830400\, x\, y^5\, \omega^2\, \mu\, z^4$$
$$+ 7864320\, x\, y^7\, \omega^2\, z\, \mu\, w + 5898240\, x\, y^4\, \omega\, \eta\, w\, \mu\, z^4 - 4915200\, x\, y^5\, \omega\, \eta\, w^2\, \mu\, z^2$$
$$- 3932160\, x\, y^6\, \omega^2\, z^3\, \mu - 31457280\, x\, y^5\, \eta\, \omega - 3932160\, y^4\, \omega^2\, x^5\, \mu\, w$$
$$+ 498696192\, y^4\, \zeta\, z^2\, \mu\, x^3\, \omega\, w - 49152000\, y\, x^5\, \omega\, \lambda\, \zeta\, z^4 + 98304000\, y\, \xi\, x^4\, \zeta\, z$$
$$+ 117964800\, y\, x^7\, \omega\, \mu\, z\, \eta\, w + 3932160\, y\, \xi\, \eta\, w\, x^4 - 117964800\, y\, x^5\, \omega\, \mu\, z^4\, \eta$$
$$+ 15360\, y^4\, \omega\, w^4\, x^2\, \zeta\, \kappa - 188743680\, x^4\, \omega\, \kappa\, y^4\, \eta\, w^2 - 7864320\, x^3\, \omega\, \mu\, y^5\, \eta\, w^2$$
$$+ 377487360\, x^2\, y^6\, \omega\, \kappa\, \eta\, w^2 - 106070016\, \zeta\, \mu\, y^5\, w^2\, x^3\, \omega - 125829120\, y^4\, \eta\, x^5\, \nu\, \omega\, w$$
$$+ 251658240\, y^6\, \eta\, x^3\, \nu\, \omega\, w - 15360\, y^5\, \omega\, w^4\, z\, \kappa\, \eta - 77266944\, x^5\, \zeta\, \omega\, \lambda\, y^3\, w^2$$
$$- 94371840\, x^5\, \omega\, \lambda\, \eta\, y^3\, w^2 + 78643200\, x^3\, \omega\, \mu\, y^3\, \eta\, z^4 - 220200960\, x^4\, \omega^2\, \kappa\, y^5\, w$$
$$+ 98304000\, x^4\, \zeta\, z^4\, \kappa\, \omega\, y^2 + 23592960\, x^7\, \omega^2\, \lambda\, y^2\, w + 47185920\, x^6\, \omega^2\, \kappa\, y^3\, w$$
$$+ 7864320\, x^5\, y^3\, \omega^2\, z\, \lambda\, w + 983040\, x^3\, y^2\, \omega\, \eta\, z + 35684352\, y^2\, \eta\, x^3\, \zeta\, w$$
$$+ 298844160\, x^2\, y^7\, \omega^2\, \kappa\, w - 31457280\, x^2\, \kappa\, \omega\, y^4\, z^3\, \eta\, w + 196608000\, x^6\, \zeta\, z\, \kappa\, \omega\, y^2\, w$$
$$+ 27525120\, x^2\, \xi\, \eta\, y^3\, w - 196608000\, x^3\, \zeta\, y^2\, \eta\, z - 1101004800\, x^4\, \omega\, \mu\, y^4\, \xi\, z\, w$$
$$- 491520000\, x^5\, \zeta\, z\, \lambda\, y^3\, \omega\, w + 235929600\, x^6\, \omega\, \mu\, \xi\, z\, y^2\, w - 904396800\, x^5\, \omega\, \mu\, z\, y^3\, \eta\, w$$
$$+ 2084044800\, x^3\, \omega\, \mu\, y^5\, z\, \eta\, w + 688128000\, y^5\, \zeta\, z\, \lambda\, \omega\, w\, x^3$$
$$+ 196608000\, y^6\, \zeta\, z\, x^2\, \kappa\, \omega\, w - 393216000\, y^4\, \zeta\, z\, x^4\, \kappa\, \omega\, w + 865075200\, y^6\, \omega\, \mu\, x^2\, \xi\, z\, w$$
$$- 6389760000\, y^6\, \zeta\, x^3\, \mu\, \omega\, w - 3932160\, \xi\, y^6\, z^2\, \omega\, \lambda\, w^2 - 251658240\, \xi\, y^7\, x^2\, \omega\, \nu\, w$$
$$- 15728640\, \xi\, y^8\, \mu\, w^2\, \omega + 188743680\, \xi\, y^8\, \omega\, \lambda\, w^2 + 125829120\, \xi\, y^9\, \omega\, \nu\, w$$

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\begin{aligned}
&- 7864320\, y^5\, \omega^2\, z\, \lambda\, w\, x^3 + 7864320\, y^6\, \omega^2\, x^3\, \mu\, w - 7864320\, y^5\, \omega^2\, z\, \mu\, x^3\, w \\
&+ 7864320\, y^4\, \omega^2\, z^4\, x^2\, \kappa + 7864320\, y^6\, \omega^2\, z\, x^2\, \kappa\, w - 7864320\, y^4\, \omega^2\, z\, x^4\, \kappa\, w \\
&+ 3932160\, y^4\, \omega^2\, \nu\, x^5\, z + 15728640\, z\, x^2\, y^5\, \omega\, \kappa\, \eta\, w^2 - 599654400\, z\, y^5\, \zeta\, x^3\, \mu\, \omega\, w \\
&+ 24576000\, z\, y^3\, \zeta\, x^5\, \mu\, \omega\, w + 23592960\, x^4\, y^3\, \omega^2\, \kappa\, z^3 - 129761280\, x^5\, \omega^2\, \mu\, z^2\, y^3 \\
&+ 3932160\, x^3\, \omega^2\, \lambda\, z^2\, w\, y^4 + 448266240\, x^3\, \omega^2\, \mu\, z^2\, y^5 - 3932160\, x^3\, \omega^2\, \lambda\, z^4\, y^3 \\
&+ 40\, \omega^2\, w^5\, y^4\, x\, \lambda - 460062720\, y^3\, \zeta\, z^4\, \mu\, x^3\, \omega + 38633472\, z^3\, \zeta\, \lambda\, x^3\, \omega\, y^3\, w \\
&+ 12288000\, x^3\, \zeta\, y\, \eta\, z^2 - 122290176\, \xi\, y^3\, x^2\, \zeta\, w + 187957248\, y^6\, \zeta\, \omega\, \kappa\, x^2\, w^2 \\
&- 983040\, \xi\, y^6\, z^2\, \omega\, \mu\, w^2 - 314572800\, \xi\, y^6\, \omega\, \mu\, z^4 - 23592960\, y^5\, \omega^2\, x^2\, \kappa\, z^3 \\
&- 7864320\, y^6\, \omega^2\, \kappa\, x^2\, w^2 - 7864320\, y^6\, \omega^2\, \nu\, x^3\, z + 34701312\, y^5\, \omega\, \zeta\, z\, \nu\, w\, x^3 \\
&+ 73334784\, y^5\, \omega\, \zeta\, z\, \kappa\, x^2\, w^2 + 47185920\, x^7\, \nu\, y^3\, \omega^2 - 164659200\, z\, y^2\, \zeta^2\, x^3 \\
&+ 49152000\, x^5\, \zeta\, z\, \eta - 15728640\, y^2\, x^3\, w\, \xi^2 - 15728640\, y^2\, \eta^2\, w\, x^3 + 7864320\, y^3\, \eta\, x^3\, \omega \\
&+ 53673984\, x\, y^3\, \zeta^2\, z^2 - 47185920\, x\, y^9\, \nu\, \omega^2 - 126517248\, x\, y^5\, \omega\, \zeta \\
&+ 164659200\, x\, z\, y^4\, \zeta^2 - 5898240\, x\, y^4\, \eta^2\, w + 15728640\, \xi\, y^7\, z\, \omega\, \lambda\, w^2 \\
&+ 1966080\, \xi\, y^2\, z\, x^2\, \eta\, w + 47185920\, \xi^2\, y^3\, z\, x\, w + 7864320\, \xi\, y^5\, \omega\, \lambda\, z^4\, w \\
&+ 1966080\, \xi\, y^5\, z^4\, \omega\, \mu\, w - 1966080\, \xi\, y^7\, \omega\, w^3\, \lambda + 3932160\, \xi\, y^7\, z\, \mu\, w^2\, \omega \\
&- 55050240\, \xi\, y^4\, z\, \eta\, w + 15728640\, \xi\, y^3\, z\, x^2\, \omega + 346030080\, \xi\, y^7\, z^2\, \mu\, \omega\, w \\
&- 31457280\, \xi\, y^6\, z^3\, \lambda\, \omega\, w + 152371200\, \xi\, y^2\, x^2\, \zeta\, z^2 - 7864320\, \xi\, y^6\, \omega\, \mu\, z^3\, w \\
&+ 23592960\, x^5\, y\, \omega\, \eta - 1966080\, \xi\, y\, x^2\, \eta\, z^3 + 125829120\, \xi\, y^5\, x^4\, \omega\, \nu\, w \\
&- 60\, \omega^2\, w^5\, y^2\, x^3\, \lambda + 60\, \omega\, w^6\, y^4\, \kappa\, \eta + 40\, \omega\, w^4\, y\, x\, \eta - 15728640\, \xi\, y^5\, z\, \omega \\
&+ 15728640\, \xi\, y^3\, z^3\, \zeta - 78643200\, \xi\, y^4\, \zeta\, z^2 + 47185920\, \xi\, y^3\, \eta\, z^3 - 7864320\, \xi\, y^2\, \eta\, z^4 \\
&+ 7864320\, \xi\, y^2\, x^4\, \omega - 31457280\, \xi^2\, y^2\, x\, z^3 - 3932160\, \xi\, y^4\, z^2\, \omega - 70778880\, \xi\, y^4\, x^2\, \omega \\
&- 1966080\, \xi\, y^5\, w\, \omega + 86507520\, \xi\, y^5\, \zeta\, w + 126517248\, y^3\, \omega\, x^3\, \zeta \\
&+ 141557760\, x^3\, \nu\, y^7\, \omega^2 - 141557760\, x^5\, \nu\, y^5\, \omega^2 - 983040\, x\, y^4\, \omega\, \eta\, w^2\, \lambda\, z^3 \\
&- 77266944\, x^2\, \kappa\, \omega\, y^4\, z^3\, \zeta\, w + 24576000\, x^5\, \zeta\, z^2\, \lambda\, y^2\, \omega\, w + 15728640\, y^4\, \zeta\, z^2\, \lambda\, \omega\, w\, x^3 \\
&+ 395182080\, y^5\, \zeta\, z^2\, x^2\, \kappa\, \omega\, w - 49152000\, y^3\, \zeta\, z^2\, x^4\, \kappa\, \omega\, w \\
&+ 361758720\, x^3\, \omega\, \mu\, y^4\, z^2\, \eta\, w + 3932160\, y^5\, \omega^2\, \nu\, x^3\, z^2 - 38400\, y^5\, \omega\, w^4\, x\, \zeta\, \lambda \\
&- 122880\, z^4\, y\, \omega\, x\, \eta + 175\, \omega\, w^4\, z^4\, x\, \zeta\, \mu\, y + 60\, \omega\, w^5\, z^2\, x\, \zeta\, \lambda\, y^2 + 80\, \omega\, w^3\, z^2\, x\, \zeta,
\end{aligned}
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\begin{aligned}
&-12\, y^7\, \omega^3\, \kappa\, \zeta\, w^2 - 16\, y^5\, \omega^3\, \xi + 70\, y^4\, \omega^3\, x^3\, \mu\, z\, \zeta\, w - 70\, y^6\, \omega^3\, x\, \mu\, z\, \zeta\, w \\
&- 20\, y^2\, \omega^3\, x^3\, \mu\, z^4\, \eta - 20\, y^4\, \omega^3\, x\, \mu\, \eta\, z^4 + 12\, y^3\, \omega^3\, \xi\, x^2 - 150\, x\, \zeta^3\, z\, y^2\, \eta\, w \\
&+ 250\, x\, \zeta^4\, y^3\, w - 5\, x\, y^3\, \omega^2\, \zeta\, \eta\, z + 36\, x\, y^6\, \omega^3\, \eta\, \lambda\, w^2 - 10\, x\, y^6\, \omega^3\, \zeta\, \lambda\, w^2 \\
&- 11\, x\, y^7\, \omega^3\, \zeta\, \nu\, w - 30\, x\, \zeta^3\, y^2\, \omega\, z^2 + 10\, y^2\, \omega^3\, \zeta\, z\, x^5\, \lambda\, w + 8\, y^4\, \omega^4\, \nu\, x^5 \\
&+ 20\, y^3\, \omega^3\, \zeta\, z\, x^4\, \kappa\, w - 5\, \omega\, \eta^2\, \zeta\, z\, x^3\, w - 5\, x\, y^4\, \omega^3\, \zeta + 2\, x\, y^4\, \omega^3\, \eta + 8\, x\, y^8\, \omega^4\, \nu
\end{aligned}
$$

$$+5\,x\,\zeta^2\,y^4\,\omega^2-50\,x\,\zeta^3\,z^4\,\eta+100\,x\,\zeta^4\,y\,z^3-100\,x\,\zeta^3\,y^3\,\omega\,z-11\,y^3\,\omega^3\,\zeta\,z^2\,\lambda\,w\,x^3$$
$$-20\,y^5\,\omega^3\,\zeta\,z\,x^2\,\kappa\,w+40\,y^3\,\omega^3\,\mu\,x^4\,\xi\,z\,w-40\,y^5\,\omega^3\,\mu\,x^2\,\xi\,z\,w-80\,y^4\,\omega^3\,\mu\,x^3\,z\,\eta\,w$$
$$-40\,y^4\,\omega^3\,\zeta\,z\,\lambda\,w\,x^3-32\,y^4\,\omega^3\,\zeta\,z^2\,x^2\,\kappa\,w+300\,y^5\,\omega^3\,\zeta\,x^3\,\mu\,w-40\,y^5\,\omega^3\,\zeta\,\nu\,x^3\,z$$
$$+4\,y^4\,\omega^4\,x^2\,\kappa\,z^3+10\,y^3\,\omega^3\,\zeta\,z^4\,x^2\,\kappa-24\,y^6\,\omega^4\,x^2\,\kappa\,w+8\,y^4\,\omega^4\,x^4\,\kappa\,w$$
$$-22\,y^4\,\omega^4\,\mu\,x^3\,z^2-2\,y^5\,\omega^4\,z\,\nu\,x^3-5\,y\,\omega^2\,\zeta\,x^3\,z\,\eta+35\,y^3\,\omega^3\,\zeta\,z^3\,\mu\,x^3$$
$$-27\,y^4\,\omega^3\,\zeta\,\nu\,x^3\,z^2+6\,y^5\,\omega^4\,x^3\,\mu\,w+20\,y^2\,\omega^3\,\mu\,x^5\,z\,\eta\,w-16\,y^5\,\omega^3\,\nu\,x^3\,\eta\,w$$
$$-12\,y^4\,\omega^3\,x^3\,\eta\,\lambda\,w^2-150\,y^3\,\omega^3\,\zeta\,x^5\,\mu\,w+20\,y^3\,\omega^3\,\zeta\,\nu\,x^5\,z-24\,y^5\,\omega^3\,\eta\,\kappa\,x^2\,w^2$$
$$-250\,\zeta^4\,x^3\,y\,w+2\,y^2\,\omega^3\,x^3\,\eta-16\,y^6\,\omega^4\,\nu\,x^3+22\,y^5\,\omega^3\,\zeta\,\kappa\,x^2\,w^2+11\,y^5\,\omega^3\,\zeta\,x^3\,\nu\,w$$
$$+50\,\zeta^3\,z\,x^3\,\eta\,w+100\,\zeta^3\,x^2\,\xi\,z\,y\,w+35\,\zeta^2\,y\,\omega\,\eta\,w\,x^3+100\,\zeta^3\,y\,\omega\,x^3\,z$$
$$-5\,y^2\,\omega^3\,x^3\,\lambda\,\zeta\,z^4-2\,y^3\,\omega^4\,\lambda\,z^3\,x^3-24\,y^5\,\omega^4\,x^3\,\lambda\,w+4\,y^3\,\omega^4\,x^5\,\lambda\,w+100\,y^4\,\omega\,\xi\,\zeta^2\,w$$
$$+40\,y^2\,\omega\,\xi\,\zeta^2\,z^3-4\,y^4\,\omega^3\,\xi\,z-44\,y^6\,\omega^3\,\xi\,\mu\,z^2\,w-8\,y^6\,\omega^3\,\xi\,z\,\lambda\,w^2+4\,y^5\,\omega^3\,\xi\,\lambda\,z^3\,w$$
$$-4\,y^7\,\omega^3\,\xi\,\nu\,z\,w+16\,y^6\,\omega^3\,\xi\,x^2\,\nu\,w+8\,y^3\,\omega^2\,\xi^2\,x\,w+40\,y^2\,\omega\,\xi^2\,\zeta\,x\,z\,w$$
$$-60\,y^3\,\omega\,\xi\,\zeta\,z\,\eta\,w+10\,y\,\omega\,\xi\,\zeta\,z\,x^2\,\eta\,w-12\,y^3\,\omega^2\,\xi\,z^2\,\zeta-4\,y^2\,\omega^2\,\xi\,z^3\,\eta$$
$$+12\,y^7\,\omega^3\,\xi\,\mu\,w^2-24\,y^7\,\omega^3\,\xi\,\lambda\,w^2+40\,y^5\,\omega^3\,\xi\,\mu\,z^4-16\,y^8\,\omega^3\,\xi\,\nu\,w$$
$$+50\,y^2\,\omega^2\,\xi\,x^2\,\zeta\,z+4\,y^2\,\omega^2\,\xi\,\eta\,w\,x^2-12\,y^4\,\omega^2\,\xi\,\eta\,w-20\,y\,\omega\,\xi\,\zeta\,z^4\,\eta$$
$$-80\,y^2\,\omega\,\xi\,x^2\,\zeta^2\,w-40\,y^4\,\omega^2\,\xi\,\zeta\,z+2\,x\,y^7\,\omega^4\,z\,\nu+15\,x\,\omega\,\eta^2\,\zeta\,z\,y^2\,w+5\,x\,\omega\,\eta^2\,\zeta\,z^4$$
$$-6\,x\,y^7\,\omega^4\,\mu\,w+40\,x\,y^7\,\omega^4\,\mu\,z+22\,x\,y^6\,\omega^4\,\mu\,z^2+35\,x\,y^5\,\omega^3\,\zeta\,z^2\,\lambda\,w$$
$$+33\,x\,y^4\,\omega^3\,\zeta\,z^4\,\mu+27\,x\,y^6\,\omega^3\,\zeta\,\nu\,z^2+20\,x\,y^7\,\omega^4\,\lambda\,w+10\,x\,y^5\,\omega^4\,\lambda\,z^3$$
$$+4\,x\,y^6\,\omega^3\,z\,\nu\,\eta\,w+44\,x\,y^5\,\omega^3\,\mu\,z^2\,\eta\,w-12\,x\,y^6\,\omega^3\,\mu\,\eta\,w^2+30\,x\,y^6\,\omega^3\,\zeta\,z\,\lambda\,w$$
$$+16\,x\,y^7\,\omega^3\,\nu\,\eta\,w+12\,x\,y^4\,\omega^3\,\eta\,\lambda\,z^3\,w-35\,x\,y^5\,\omega^3\,\zeta\,z^3\,\mu-25\,x\,y^4\,\omega^3\,\zeta\,z^4\,\lambda$$
$$-150\,x\,y^7\,\omega^3\,\zeta\,\mu\,w+60\,x\,y^6\,\omega^3\,\mu\,z\,\eta\,w-33\,x\,y^5\,\omega^3\,\zeta\,\mu\,z^2\,w+20\,x\,y^7\,\omega^3\,\zeta\,\nu\,z$$
$$-20\,x\,\zeta^2\,y\,\omega\,z^3\,\eta-55\,x\,\zeta^2\,y^3\,\omega\,\eta\,w-80\,y^5\,\omega^4\,\mu\,x^3\,z+40\,y^3\,\omega^4\,\mu\,x^5\,z-5\,\zeta^2\,y^2\,\omega^2\,x^3$$
$$+8\,y^6\,\omega^3\,\kappa\,z\,\eta\,w^2+44\,y^6\,\omega^3\,\kappa\,z^2\,\zeta\,w-4\,y^5\,\omega^4\,\kappa\,z\,x^2\,w+4\,y^7\,\omega^4\,\kappa\,z\,w$$
$$-4\,y^5\,\omega^3\,\kappa\,z^3\,\eta\,w+24\,y^7\,\omega^3\,\kappa\,\eta\,w^2+16\,y^8\,\omega^4\,\kappa\,w-40\,y^5\,\omega^3\,\kappa\,\zeta\,z^4,$$

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$$2684\,y^5\,\omega^2\,\zeta^2\,\lambda\,z^3\,w-1342\,y^7\,\omega^3\,\zeta\,z\,\lambda\,w+1342\,y^5\,\omega^3\,\zeta\,z\,x^2\,\lambda\,w$$
$$-1342\,y^6\,\omega^2\,\zeta\,z\,\eta\,\lambda\,w^2-2684\,y^6\,\omega^2\,\zeta\,z\,\nu\,x\,w\,\xi+2684\,y^7\,\omega^2\,\zeta\,z\,\nu\,\eta\,w$$
$$-2684\,y^5\,\omega^2\,\zeta^2\,x^2\,\lambda\,w^2+33500\,\zeta^4\,z\,y^4+5255\,\zeta^3\,y^5\,\omega-3355\,\zeta^2\,y^5\,\omega^2+10920\,\zeta^4\,y^3\,z^2$$
$$+55330\,y^7\,\omega^2\,\zeta^2\,z\,\lambda\,w-5368\,y^4\,\omega^2\,\zeta\,x^3\,\eta\,\kappa\,w^2+2684\,y^4\,\omega^2\,\zeta\,x\,\kappa\,\eta\,z^3\,w$$
$$+25600\,y^4\,\xi^2\,\omega\,\zeta\,z+5120\,y^6\,\xi^2\,\omega^2\,z\,\lambda\,w^2+12800\,y\,\xi^2\,\zeta\,z^4\,\eta+2560\,y^7\,\xi^2\,\omega^2\,\nu\,z\,w$$
$$-6400\,y\,\xi^2\,\zeta\,z\,x^2\,\eta\,w-2560\,y^5\,\xi^2\,\omega^2\,\lambda\,z^3\,w+28160\,y^6\,\xi^2\,\omega^2\,\mu\,z^2\,w$$
$$-25600\,y^2\,\xi^3\,\zeta\,x\,z\,w+38400\,y^3\,\xi^2\,\zeta\,z\,\eta\,w-25600\,y^5\,\omega^3\,x^3\,\zeta\,\kappa\,z$$

$$
\begin{aligned}
&- 17280\, y^4 \omega^3 x^3 \zeta \kappa z^2 + 12800\, y^3 \omega^3 x^5 \zeta \kappa z + 17280\, y^6 \omega^3 x \zeta \kappa z^2 \\
&+ 12800\, y^7 \omega^3 x \zeta \kappa z + 6400\, y^2 \omega^2 x^5 \zeta \kappa z \eta w - 7040\, y^3 \omega^2 x^3 \zeta \kappa z^2 \eta w \\
&+ 7680\, y^4 \xi^2 \omega \eta w + 10240\, y^8 \xi^2 \omega^2 \nu w - 25600\, y^5 \xi^2 \omega^2 \mu z^4 + 15360\, y^7 \xi^2 \omega^2 \lambda w^2 \\
&- 7680\, y^7 \xi^2 \omega^2 \mu w^2 + 9600\, \zeta \omega^3 \mu y^9 + 2560\, y^2 \xi^2 \omega z^3 \eta - 3200\, y \eta^3 \zeta z x^2 w \\
&+ 7680\, y^3 \xi^2 \omega z^2 \zeta - 2460\, y^6 \omega^3 \mu w z x \xi + 2460\, y^7 \omega^3 \mu w \eta z - 1230\, y^6 \omega^4 \mu z x^2 \\
&+ 4920\, y^5 \omega^4 \mu x^4 - 5120\, y^2 \omega^2 x^4 \lambda \zeta z^2 \eta w - 32000\, y^4 \omega^3 x^4 \lambda \zeta z \\
&+ 6400\, y^2 \omega^3 x^6 \lambda \zeta z - 15680\, y^3 \omega^3 x^4 \lambda \zeta z^2 + 3200\, y \omega^2 x^6 \lambda \zeta z \eta w \\
&+ 23040\, y^5 \omega^3 x^2 \lambda \zeta z^2 - 4800\, y \omega^2 x^4 \lambda \zeta z^4 \eta + 44800\, y^6 \omega^3 x^2 \lambda \zeta z \\
&- 5120\, y^3 \xi^3 \omega x w - 3200\, y^2 \omega^2 x^3 \zeta \kappa z^4 \eta - 10240\, y^7 \omega^3 \eta \nu x^2 + 6400\, y^7 \omega^2 \eta^2 \mu w^2 \\
&- 23040\, y^7 \omega^3 \eta \mu z^2 + 59200\, \zeta x^6 \omega^2 \mu y^2 \eta w + 8800\, \zeta x^4 \omega^2 \mu y^2 z^3 \eta \\
&+ 28800\, \zeta x^4 \omega^3 \mu y^5 - 28800\, \zeta x^2 \omega^3 \mu y^7 - 9600\, \zeta x^6 \omega^3 \mu y^3 - 7360\, y^7 \omega^3 \zeta \lambda z^2 \\
&- 19200\, y^8 \omega^3 \zeta \lambda z + 2560\, y^5 \xi \omega^3 \kappa z x^2 w - 2560\, y^7 \xi \omega^3 \kappa z w \\
&- 5120\, y^6 \xi \omega^2 \kappa z \eta w^2 - 28160\, y^6 \xi \omega^2 \kappa z^2 \zeta w + 3355\, y \zeta^2 \eta^2 z^4 - 51200\, y^8 \omega^3 \eta \mu z \\
&+ 5120\, y^5 \omega^3 \eta \nu x^4 - 6400\, y^3 \omega^2 x^4 \eta^2 \mu w^2 - 6400\, y^2 \omega^2 x^4 \eta^2 \mu z^2 w \\
&- 12800\, y \omega^2 x^6 \eta^2 \mu z w + 6400\, y \omega^2 x^4 \eta^2 \mu z^4 - 3940\, y^4 \omega^3 x^4 \eta \mu w \\
&+ 12800\, y^3 \omega^2 x^2 \eta^2 \mu z^4 - 15360\, y^7 \xi \omega^2 \kappa \eta w^2 + 25600\, y^5 \xi \omega^2 \kappa \zeta z^4 \\
&- 10240\, y^8 \xi \omega^3 \kappa w + 5368\, y^9 \omega^3 \zeta \nu + 7680\, y^7 \xi \omega^2 \kappa \zeta w^2 - 1858\, y^5 \omega^2 \eta \zeta \\
&+ 640\, y^8 \omega^4 \lambda z + 5120\, y^9 \omega^3 \eta \nu + 1280\, y^3 \omega^2 \eta^2 x^2 + 3200\, y \eta^3 \zeta z^4 + 2560\, y^4 \xi^2 \omega^2 z \\
&+ 9600\, y^3 \eta^3 \zeta z w + 1280\, y^2 \omega^3 x^6 \lambda \eta w - 640\, y^2 \omega^3 x^4 \lambda z^3 \eta - 640\, y^4 \omega^4 x^4 \lambda z \\
&- 2560\, y^7 \omega^4 x^2 \lambda - 64000\, y^4 \xi^2 \zeta^2 w - 2560\, y^5 \omega^4 x^4 \lambda + 2560\, y^3 \omega^4 x^6 \lambda \\
&+ 6400\, y^5 \omega^2 \eta^2 \mu z^4 - 25600\, y^2 \xi^2 \zeta^2 z^3 - 5120\, y^6 \omega^2 \eta^2 z \lambda w^2 + 6400\, y^5 \omega^3 \eta z x^2 \lambda w \\
&- 17280\, y^5 \omega^2 \eta \zeta \nu x^2 z^2 + 2380\, y^5 \omega^2 \eta \zeta z^4 \mu + 58240\, y^5 \omega^2 \eta \zeta z^2 x \kappa w \\
&+ 1920\, y^4 \omega^2 \eta \zeta z^2 \lambda w x^2 + 17280\, y^7 \omega^2 \eta \zeta \nu z^2 + 28160\, y^6 \omega^2 \eta^2 \kappa x w^2 \\
&- 42880\, y^6 \omega^2 \eta \zeta z^2 \lambda w - 6000\, y^6 \omega^3 \eta x^2 \mu w + 7680\, y^5 \omega^2 \eta^2 x^2 \mu w^2 \\
&- 3200\, y^2 \omega \eta^2 \zeta x^2 z + 35200\, y^4 \omega^2 \eta \zeta z^3 \mu x^2 + 9940\, y^8 \omega^3 \eta \mu w \\
&+ 10240\, y^4 \omega^2 \eta^2 x \kappa z^3 w - 12800\, y^4 \omega^2 \eta^2 x^3 \kappa w^2 + 1280\, y^5 \omega^2 \eta^2 \\
&- 10240\, y^6 \omega^2 \eta^2 \nu x^2 w + 33280\, y^5 \omega^2 \eta^2 x^2 \lambda w^2 + 10240\, y^8 \omega^2 \eta^2 \nu w \\
&- 8000\, y^4 \omega^2 \eta \zeta x^4 \mu w - 44000\, y^6 \omega^2 \eta \zeta z^3 \mu + 12800\, y^4 \omega^2 \eta \zeta \nu x^4 z \\
&- 60800\, y^4 \omega^2 \eta \zeta z^4 x \kappa + 12800\, y^8 \omega^2 \eta \zeta \nu z + 6400\, y^6 \omega^2 \eta \zeta z x \kappa w \\
&+ 107200\, y^5 \omega^2 \eta \zeta z^4 \lambda - 12800\, y^4 \omega^2 \eta \zeta z x^3 \kappa w + 22400\, y^5 \omega^2 \eta \zeta z \lambda w x^2 \\
&+ 110400\, y^8 \omega^2 \eta \zeta \mu w - 9600\, y^7 \omega^2 \eta \zeta z \lambda w - 25600\, y^6 \omega^2 \eta \zeta \nu x^2 z \\
&- 161600\, y^6 \omega^2 \eta \zeta x^2 \mu w - 26240\, y^6 \omega^3 \eta \lambda z^3 - 29440\, y^5 \omega^2 \eta^2 \lambda z^3 w
\end{aligned}
$$

$$+ 64000\, y^5\, \omega^2\, \eta^2\, \mu\, x^2\, z\, w - 3200\, y^4\, \omega\, \eta^2\, \zeta\, z + 76800\, y^6\, \omega^3\, \eta\, \mu\, x^2\, z$$
$$+ 14080\, y^4\, \omega^3\, \eta\, \lambda\, z^3\, x^2 - 76800\, y^7\, \omega^2\, \eta^2\, \mu\, z\, w + 11520\, y^3\, \omega^2\, \eta^2\, x^2\, \lambda\, z^3\, w$$
$$+ 1230\, y^8\, \omega^4\, \mu\, z - 14080\, y^4\, \omega^3\, \eta\, x^4\, \lambda\, w + 39680\, y^6\, \omega^3\, \eta\, x^2\, \lambda\, w$$
$$- 6400\, y^3\, \omega^2\, \eta^2\, x^4\, \lambda\, w^2 + 25600\, y^3\, \omega^2\, \eta^2\, \mu\, x^4\, z\, w - 9840\, y^7\, \omega^4\, \mu\, x^2$$
$$- 25600\, y^3\, \omega^2\, \eta\, x^2\, \lambda\, \zeta\, z^4 - 42240\, y^7\, \omega^2\, \eta^2\, \lambda\, w^2 - 26880\, y^8\, \omega^3\, \eta\, \lambda\, w$$
$$+ 2188\, y^7\, \omega^2\, \eta\, \zeta\, \lambda\, w^2 + 5616\, y^5\, \omega^2\, \eta\, \zeta\, x^2\, \lambda\, w^2 - 2312\, y^6\, \omega^2\, \eta\, \zeta\, \kappa\, x\, w^2$$
$$+ 3696\, y^8\, \omega^2\, \eta\, \zeta\, \nu\, w - 3696\, y^6\, \omega^2\, \eta\, \zeta\, x^2\, \nu\, w + 21698\, y^6\, \omega^2\, \eta\, \zeta\, \mu\, z^2\, w$$
$$- 3840\, y^7\, \omega^3\, \eta\, z\, \lambda\, w + 10240\, y^5\, \xi^2\, \omega^2 - 16000\, y^3\, \omega^2\, \eta\, \zeta\, z\, x^4\, \lambda\, w$$
$$+ 20480\, y^7\, \omega^3\, \eta\, x\, \kappa\, w + 10240\, y^5\, \omega^3\, \eta\, x\, \kappa\, z^3 - 20480\, y^5\, \omega^3\, \eta\, x^3\, \kappa\, w$$
$$+ 29440\, y^5\, \omega^3\, \eta\, \mu\, x^2\, z^2 - 5120\, y^5\, \omega^3\, \eta\, \lambda\, z^4 - 37120\, y^6\, \omega^2\, \eta^2\, \mu\, z^2\, w$$
$$- 2510\, y^6\, \omega^3\, \eta\, \mu\, z^3 + 15360\, y^4\, \omega^2\, \eta^2\, \mu\, x^2\, z^2\, w + 3530\, y^5\, \omega^2\, \eta\, \lambda\, z^3\, \zeta\, w$$
$$- 5120\, y^4\, \omega^2\, \eta^2\, \lambda\, z^4\, w - 1280\, y^5\, \omega^2\, \eta^2\, \mu\, z^3\, w + 5120\, y^4\, \omega^2\, \eta^2\, z\, x^2\, \lambda\, w^2$$
$$+ 2560\, y^7\, \omega^2\, \eta^2\, z\, \nu\, w - 1280\, y^6\, \omega^3\, \eta\, z\, \nu\, x^2 + 1280\, y^8\, \omega^3\, \eta\, z\, \nu - 27015\, \zeta^2\, x^2\, \omega^2\, \lambda\, z^4\, y^3$$
$$- 1250\, \zeta^3\, y^6\, z^2\, \mu\, w\, \omega - 2500\, \zeta^3\, y^3\, z^4\, \mu\, x^2\, \omega - 5000\, \zeta^3\, y^6\, z^2\, \lambda\, \omega\, w$$
$$- 6039\, \zeta^2\, x^2\, \omega^2\, \lambda\, z^2\, w\, y^4 + 100000\, \zeta^4\, y^3\, x^2 + 1600\, \zeta^2\, x^3\, y^3\, \omega^2\, \kappa\, z^3 + 2500\, \zeta^3\, y^5\, z^4\, \mu\, \omega$$
$$+ 11265\, \zeta^2\, y^3\, \eta^2\, z\, w + 15000\, \zeta^3\, y^2\, z^2\, x\, \xi + 11020\, \zeta^2\, y^4\, \omega^2\, \nu\, x^4\, z$$
$$- 10000\, \zeta^3\, z\, y^5\, x^2\, \mu\, \omega\, w + 5000\, \zeta^3\, z\, y^3\, x^4\, \mu\, \omega\, w + 5000\, \zeta^3\, z\, y^7\, \mu\, \omega\, w$$
$$+ 990\, \zeta^2\, y^4\, \omega^2\, z^4\, x\, \kappa - 53420\, \zeta^2\, y^6\, \omega^2\, z\, x\, \kappa\, w + 53420\, \zeta^2\, y^4\, \omega^2\, z\, x^3\, \kappa\, w$$
$$- 600\, \zeta^2\, x^2\, z^3\, \eta^2 - 2500\, \zeta^3\, y^5\, \omega\, z\, \kappa\, x\, w^2 - 28800\, \zeta^2\, x^4\, \nu\, y^5\, \omega^2$$
$$- 82840\, \zeta^2\, y^5\, \omega^2\, z\, \lambda\, w\, x^2 + 27305\, \zeta^2\, y^5\, \omega^2\, z^4\, \lambda + 4697\, \zeta^2\, y^5\, \omega^2\, \mu\, z^4 - 50000\, \zeta^4\, y\, x^4$$
$$+ 2500\, \zeta^3\, y^6\, \omega\, z\, \lambda\, w^2 + 4800\, \zeta^2\, x^4\, y\, \omega\, \eta + 9600\, \zeta^2\, x^6\, \nu\, y^3\, \omega^2 - 133550\, \zeta^2\, y^4\, \omega^2\, x^4\, \mu\, w$$
$$+ 267100\, \zeta^2\, y^6\, \omega^2\, x^2\, \mu\, w - 31680\, \zeta^2\, y^7\, \omega^2\, z\, \mu\, w + 31680\, \zeta^2\, y^5\, \omega^2\, z\, \mu\, x^2\, w$$
$$- 50945\, \zeta^2\, y^6\, \omega^2\, z^3\, \mu - 133550\, \zeta^2\, y^8\, \omega^2\, \mu\, w - 10065\, \zeta^2\, y^6\, \omega^2\, \mu\, z^2\, w$$
$$+ 6710\, \zeta^2\, y^6\, \omega^2\, \kappa\, x\, w^2 + 2045\, \zeta^2\, y^4\, \omega\, \eta\, z + 11020\, \zeta^2\, y^8\, \omega^2\, \nu\, z - 22040\, \zeta^2\, y^6\, \omega^2\, \nu\, x^2\, z$$
$$- 4026\, \zeta^2\, y^7\, \omega^2\, \lambda\, w^2 - 1250\, \zeta^3\, y^5\, \omega\, z\, \nu\, w\, x^2 + 1250\, \zeta^3\, y^7\, \omega\, z\, \nu\, w + 28800\, \zeta^2\, x^2\, \nu\, y^7\, \omega^2$$
$$+ 5000\, \zeta^3\, y^6\, \omega\, \kappa\, x\, w^2 - 5120\, y^4\, \omega^3\, x^4\, \xi\, \kappa\, w + 15360\, y^6\, \omega^3\, x^2\, \xi\, \kappa\, w$$
$$- 2560\, y^4\, \omega^3\, x^2\, \xi\, \kappa\, z^3 + 2460\, y^5\, \omega^3\, x\, \xi\, \mu\, z^3 + 1280\, y^5\, \omega^3\, x^3\, \xi\, z\, \nu + 1910\, y^3\, \omega\, x\, \xi\, z\, \zeta^2$$
$$- 5120\, y^6\, \omega^2\, x\, \xi\, z\, \nu\, \eta\, w + 14080\, y^4\, \omega^3\, x^3\, \xi\, \mu\, z^2 - 5120\, y^8\, \omega^3\, x\, \xi\, \nu$$
$$- 1280\, y^7\, \omega^3\, x\, \xi\, z\, \nu + 516\, y^4\, \omega^2\, x\, \xi\, \zeta - 17280\, y^6\, \omega^2\, x\, \xi\, \zeta\, \nu\, z^2 - 14080\, y^6\, \omega^3\, x\, \xi\, \mu\, z^2$$
$$- 1280\, y^6\, \omega^3\, x\, \xi\, z\, \lambda\, w - 1280\, y^4\, \omega^3\, x^3\, \xi\, z\, \lambda\, w + 17280\, y^4\, \omega^2\, x^3\, \xi\, \zeta\, \nu\, z^2$$
$$- 9600\, \zeta^2\, y^9\, \nu\, \omega^2 - 1080\, y^7\, \omega^3\, x\, \xi\, \mu\, w + 1080\, y^5\, \omega^3\, x^3\, \xi\, \mu\, w - 2560\, y^2\, \omega\, x^2\, \xi^2\, \eta\, w$$
$$+ 10240\, y^6\, \omega^3\, x^3\, \xi\, \nu - 17600\, y^4\, \omega\, x\, \xi\, \zeta^2 - 3840\, y^4\, \omega^2\, x\, \xi\, \eta - 25600\, y^7\, \omega^3\, x\, \xi\, \mu\, z$$

$$+ 86400\, y^3\, \omega^2\, x^5\, \xi\, \zeta\, \mu\, w - 20480\, y^7\, \omega^2\, x\, \xi\, \nu\, \eta\, w + 20480\, y^5\, \omega^2\, x^3\, \xi\, \nu\, \eta\, w$$
$$- 12800\, y^3\, \omega^2\, x^5\, \xi\, \zeta\, \nu\, z - 12800\, y^7\, \omega^2\, x\, \xi\, \zeta\, \nu\, z - 172800\, y^5\, \omega^2\, x^3\, \xi\, \zeta\, \mu\, w$$
$$+ 27200\, y^5\, \omega^2\, x\, \xi\, \zeta\, z^3\, \mu - 5120\, y^4\, \omega^3\, x^5\, \xi\, \nu - 10240\, y^6\, \omega^2\, x^2\, \xi^2\, \nu\, w$$
$$- 27200\, y^3\, \omega^2\, x^3\, \xi\, \zeta\, z^3\, \mu + 3200\, y\, \omega\, x^3\, \xi\, \zeta\, z\, \eta - 5120\, y^5\, \omega^3\, x\, \xi\, \lambda\, z^3$$
$$+ 9600\, y^3\, \omega\, x\, \xi\, \zeta\, \eta\, z - 15360\, y^7\, \omega^3\, x\, \xi\, \lambda\, w + 25600\, y^5\, \omega^2\, x^3\, \xi\, \zeta\, \nu\, z$$
$$+ 86400\, y^7\, \omega^2\, x\, \xi\, \zeta\, \mu\, w - 25600\, y^3\, \omega^3\, x^5\, \xi\, \mu\, z + 51200\, y^5\, \omega^3\, x^3\, \xi\, \mu\, z$$
$$+ 25600\, y^5\, \omega^2\, x^2\, \xi^2\, \mu\, z\, w + 25600\, y^4\, \omega^2\, x^3\, \xi\, \mu\, z\, \eta\, w - 1280\, y^2\, \omega^2\, x^3\, \xi\, \eta$$
$$+ 12800\, y^6\, \omega^2\, x\, \xi\, \mu\, z\, \eta\, w - 25600\, y^3\, \omega^2\, x^4\, \xi^2\, \mu\, z\, w + 2560\, y^3\, \omega^3\, x^3\, \xi\, \lambda\, z^3$$
$$+ 17600\, y^2\, \omega\, x^3\, \xi\, \zeta^2 + 15360\, y^5\, \omega^3\, x^3\, \xi\, \lambda\, w - 7680\, y^3\, \omega^2\, x^2\, \xi^2$$
$$- 38400\, y^2\, \omega^2\, x^5\, \xi\, \mu\, z\, \eta\, w - 32000\, y^2\, \omega\, x^2\, \xi^2\, \zeta\, z - 3696\, y^7\, \omega^2\, x\, \xi\, \zeta\, \nu\, w - 50000\, \zeta^4\, y^5$$
$$+ 3696\, y^5\, \omega^2\, x^3\, \xi\, \zeta\, \nu\, w - 5255\, \zeta^3\, y^3\, \omega\, x^2 - 16755\, \zeta^3\, y^4\, \eta\, w - 33500\, \zeta^4\, z\, y^2\, x^2$$
$$- 17500\, \zeta^3\, y^3\, \eta\, z^2 - 12170\, \zeta^3\, y^2\, \eta\, z^3 + 30000\, \zeta^3\, y^4\, \eta\, z + 10000\, \zeta^3\, x^4\, z\, \eta$$
$$- 17200\, \zeta^2\, y^4\, \eta^2\, w + 1200\, \zeta^2\, x^4\, \eta^2\, w + 50945\, \zeta^2\, z^3\, y^4\, \omega^2\, \mu\, x^2 + 20000\, \zeta^3\, x^6\, z\, \lambda\, \omega\, y\, w$$
$$- 5000\, \zeta^3\, x^3\, y^4\, \omega\, \kappa\, w^2 + 12800\, \zeta^2\, y^2\, \eta^2\, w\, x^2 - 27200\, \zeta^2\, y^3\, \eta\, x^2\, \omega$$
$$+ 7587\, \zeta^2\, y^6\, \omega^2\, z^2\, \lambda\, w - 2500\, \zeta^3\, y^7\, \omega\, \lambda\, w^2 + 33600\, \zeta^2\, y^8\, \omega^2\, \lambda\, w + 7381\, \zeta^2\, y^6\, \omega^2\, x^2\, \nu\, w$$
$$- 3750\, \zeta^3\, \mu\, y^7\, w^2\, \omega + 300000\, \zeta^3\, y^4\, x^4\, \mu\, \omega\, w + 100000\, \zeta^3\, y^8\, \mu\, \omega\, w - 7381\, \zeta^2\, y^8\, \omega^2\, \nu\, w$$
$$- 18400\, \zeta^2\, y^6\, \omega^2\, \lambda\, z^3 + 60800\, \zeta^2\, y^2\, x^2\, w\, \xi^2 + 20000\, \zeta^3\, y^4\, z^3\, \mu\, x^2\, \omega$$
$$- 10000\, \zeta^3\, y^6\, z^3\, \mu\, \omega - 60000\, \zeta^3\, y^7\, z\, \lambda\, \omega\, w + 120000\, \zeta^3\, y^6\, \nu\, x^2\, z\, \omega$$
$$- 78400\, \zeta^2\, x^2\, \omega^2\, \lambda\, y^6\, w + 12000\, \zeta^2\, x^4\, \omega^2\, \lambda\, z^3\, y^2 - 10000\, \zeta^3\, x^4\, z^3\, \mu\, y^2\, \omega$$
$$+ 56000\, \zeta^2\, x^4\, \omega^2\, \lambda\, y^4\, w - 6772\, y^8\, \omega^3\, \zeta\, \lambda\, w - 22400\, \zeta^2\, x^5\, \omega^2\, \kappa\, y^3\, w + 22400\, \zeta^2\, y^5\, \eta\, \omega$$
$$+ 44800\, \zeta^2\, x^3\, \omega^2\, \kappa\, y^5\, w + 20000\, \zeta^3\, x^3\, z^4\, \kappa\, \omega\, y^2 - 11200\, \zeta^2\, x^6\, \omega^2\, \lambda\, y^2\, w$$
$$- 6710\, y^6\, \omega^3\, \zeta\, \lambda\, z^3 + 40000\, \zeta^3\, x^6\, \nu\, z\, y^2\, \omega - 120000\, \zeta^3\, y^4\, \nu\, x^4\, z\, \omega$$
$$- 100000\, \zeta^3\, x^6\, \mu\, \omega\, y^2\, w + 6400\, \zeta^2\, x^2\, \omega^2\, \lambda\, z^3\, y^4 - 20000\, \zeta^3\, y^3\, z\, x\, \xi$$
$$- 20000\, \zeta^3\, y^4\, z^4\, x\, \kappa\, \omega - 40000\, \zeta^3\, y^8\, \nu\, z\, \omega + 3750\, \zeta^3\, \mu\, y^5\, w^2\, x^2\, \omega$$
$$+ 2500\, \zeta^3\, x^4\, \omega\, \lambda\, y^3\, w^2 - 8600\, \zeta^2\, y^2\, \eta^2\, z^3 - 15200\, \zeta^2\, y\, \xi\, \eta\, w\, x^3 + 1006\, y^6\, \omega^3\, \zeta\, x^2\, \mu\, w$$
$$- 2684\, y^5\, \omega^2\, \zeta\, x^2\, \mu\, \eta\, w^2 + 2684\, y^7\, \omega^2\, \zeta\, \mu\, \eta\, w^2 + 40000\, \zeta^3\, y^6\, z\, x\, \kappa\, \omega\, w$$
$$- 80000\, \zeta^3\, y^4\, z\, x^3\, \kappa\, \omega\, w - 300000\, \zeta^3\, y^6\, x^2\, \mu\, \omega\, w + 10000\, \zeta^3\, y^5\, z^4\, \lambda\, \omega$$
$$- 16000\, x\, \xi\, \eta^2\, \zeta\, z\, y^2\, w + 3200\, x^3\, \xi\, \eta^2\, \zeta\, z\, w - 100000\, \zeta^3\, x^4\, z\, \lambda\, y^3\, \omega\, w$$
$$+ 140000\, \zeta^3\, y^5\, z\, \lambda\, \omega\, w\, x^2 - 7910\, \zeta^2\, x\, \xi\, z\, y^2\, \eta\, w + 9200\, \zeta^2\, y\, x\, \xi\, z^3\, \eta$$
$$- 10000\, \zeta^3\, y\, x^4\, \omega\, \lambda\, z^4 + 20000\, \zeta^3\, y\, \xi\, x^3\, z + 24035\, \zeta^3\, y^2\, \eta\, x^2\, w - 7280\, \zeta^3\, x\, \xi\, y^3\, w$$
$$- 22400\, \zeta^2\, x\, y^7\, \omega^2\, \kappa\, w + 27510\, \zeta^2\, x^4\, y^3\, \omega^2\, z\, \lambda\, w - 18117\, \zeta^2\, y^5\, \omega^2\, \nu\, x^2\, z^2$$
$$+ 1250\, \zeta^3\, y^4\, z^2\, \mu\, x^2\, \omega\, w - 10000\, \zeta^3\, y^3\, z^2\, x^3\, \kappa\, \omega\, w + 10000\, \zeta^3\, y^5\, z^2\, x\, \kappa\, \omega\, w$$

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\begin{aligned}
&- 3955\,\zeta^2 x^2 y^2 \omega\,\eta\, z + 40000\,\zeta^3 x^5 z\,\kappa\,\omega\, y^2 w + 21600\,\zeta^2 x\,\xi\,\eta\, y^3 w \\
&- 40000\,\zeta^3 x^2 y^2 \eta\, z - 1250\,\zeta^3 z^3\,\lambda\, y^5\,\omega\, w - 1250\,\zeta^3 z^3\,\lambda\, x^2\,\omega\, y^3 w \\
&+ 2500\,\zeta^3 x\,\kappa\,\omega\, y^4 z^3 w + 5000\,\zeta^3 x^4 z^2\,\lambda\, y^2\,\omega\, w + 2500\,\zeta^3 x^2 y\,\eta\, z^2 \\
&+ 18117\,\zeta^2 y^7 \omega^2\,\nu\, z^2 + 2560\, y^5\,\xi\,\omega^2\,\kappa\, z^3\,\eta\, w - 1006\, y^8\,\omega^3\,\zeta\,\mu\, w - 10736\, y^7\,\omega^3\,\zeta\,\nu\, x^2 \\
&+ 5368\, y^5\,\omega^3\,\zeta\,\nu\, x^4 + 42400\, y^8\,\omega^3\,\zeta\,\mu\, z - 13068\, y^5\,\omega^2\,\zeta^2 z^2\, x\,\kappa\, w - 1342\, y^6\,\omega^3\,\zeta\, z\,\nu\, x^2 \\
&+ 1342\, y^4\,\omega^2\,\zeta\, z\, x^2\,\eta\,\lambda\, w^2 + 2684\, y^5\,\omega^2\,\zeta\,\eta\,\mu\, z^3 w - 1342\, y^4\,\omega^2\,\zeta\,\eta\,\lambda\, z^4 w \\
&+ 1342\, y^4\,\omega^2\,\zeta\,\mu\, x^2 z^2\,\eta\, w - 22748\, y^5\,\omega^3\,\zeta\,\mu\, x^2 z^2 + 1672\, y^5\,\omega^3\,\zeta\, x^3\,\kappa\, w \\
&- 1672\, y^7\,\omega^3\,\zeta\, x\,\kappa\, w + 2684\, y^5\,\omega^3\,\zeta\, x\,\kappa\, z^3 - 1342\, y^5\,\omega^3\,\zeta\,\lambda\, z^4 + 2684\, y^6\,\omega^3\,\zeta\,\mu\, z^3 \\
&- 155200\, y^5\,\omega^2\,\zeta\,\mu\, x^2 z\,\eta\, w + 1342\, y^8\,\omega^3\,\zeta\, z\,\nu + 4920\, y^9\,\omega^4\,\mu - 3355\, y\,\zeta^2\,\eta^2 z\, x^2 w \\
&+ 22748\, y^7\,\omega^3\,\zeta\,\mu\, z^2 - 1600\,\zeta^2\, y^5\,\omega^2\, x\,\kappa\, z^3 + 1250\,\zeta^3\, y^4\,\omega\, z - 35660\, y^3\,\omega^2 x^2\,\eta\,\mu\, z^4\,\zeta \\
&+ 6400\, y^3\,\omega^2 x^2\,\eta^2\,\mu\, w\, z^3 + 5170\, y^4\,\omega^3\, x^2\,\eta\,\mu\, z^3 - 25600\, y^2\,\omega^3\, x^6\,\eta\,\mu\, z \\
&- 6400\, y^3\,\omega^3\, x^4\,\eta\,\mu\, z^2 - 5884\, y^4\,\omega^3\,\zeta\, x^4\,\lambda\, w + 12656\, y^6\,\omega^3\,\zeta\, x^2\,\lambda\, w \\
&+ 9146\, y^3\,\omega^2\,\zeta\, x^2\,\eta\,\lambda\, z^3 w + 9146\, y^4\,\omega^3\,\zeta\,\lambda\, z^3 x^2 + 122400\, y^7\,\omega^2\,\zeta\,\mu\, z\,\eta\, w \\
&+ 42400\, y^4\,\omega^3\,\zeta\,\mu\, x^4 z - 84800\, y^6\,\omega^3\,\zeta\,\mu\, x^2 z + 1342\, y^3\,\omega^2\,\zeta\, x^2\,\eta - 3200\, x\,\xi\,\eta^2\,\zeta\, z^4 \\
&+ 2560\, y^9\,\omega^4\,\lambda + 32800\, y^3\,\omega^2\,\zeta\,\mu\, x^4 z\,\eta\, w - 7804\, y^3\,\omega^2\,\zeta\, x^4\,\eta\,\lambda\, w^2,
\end{aligned}
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\begin{aligned}
&120\, y^7\,\omega^2 + 125\, y^5\,\omega\, z^2 x^2\,\zeta\,\lambda\, w^2 - 5920\, y^4\,\eta^2 z^3 - 5120\, y^7\,\eta\,\omega + 960\, y^6\,\eta^2 w \\
&- 120000\, y^5\,\zeta^2 x^2 - 26800\, y^6 z\,\zeta^2 + 120000\, y^3 x^4\,\zeta^2 + 6816\, y^7\,\omega\,\zeta + 7680\, y^{11}\,\nu\,\omega^2 \\
&+ 8284\, y^5\,\zeta^2 z^2 - 250\, y^5\,\omega\, x^2\,\zeta\, z^3\,\mu\, w - 120\, x^2 y^5\,\omega^2 - 480\, y^5\,\eta^2 w^2 + 960\, x^6\,\eta^2 w \\
&- 480\, x^4 z^3\,\eta^2 - 40000\, y\, x^6\,\zeta^2 + 500\, y^4 z\,\lambda\,\omega\, x^4\,\zeta\, w^2 + 4000\, x^6\,\zeta\, z^2\,\lambda\, y^2\,\omega\, w \\
&+ 2000\, x^3\,\kappa\,\omega\, y^4 z^3\,\zeta\, w - 1000\, y^5\,\omega\,\zeta\, z\,\kappa\, x^3 w^2 - 1000\, z^3\,\zeta\,\lambda\, x^4\,\omega\, y^3 w \\
&+ 4000\, z\, y^3\,\zeta\, x^6\,\mu\,\omega\, w + 7680\, x^8\,\nu\, y^3\,\omega^2 - 26800\, z\, y^2\,\zeta^2 x^4 + 38400\, x^7\,\omega\,\mu\,\xi\, z\, y^2 w \\
&+ 32000\, x^7\,\zeta\, z\,\kappa\,\omega\, y^2 w + 19200\, y\, x^8\,\omega\,\mu\, z\,\eta\, w + 1000\, y^4\,\zeta\, z^2\,\mu\, x^4\,\omega\, w \\
&+ 16000\, x^8\,\zeta\, z\,\lambda\,\omega\, y\, w - 8000\, y^3\,\zeta\, z^2 x^5\,\kappa\,\omega\, w - 250\, x\, y^6\,\omega\, w^2\,\kappa\,\zeta\, z^2 + 120\, y^5\,\omega\,\eta\, z^2 \\
&- 960\, y^{10}\,\omega^2\,\mu\, w + 500\, x\, y^5\,\omega\, w\,\kappa\,\zeta\, z^4 + 3520\, y^6\,\omega\,\eta\, z + 3884\, y^6\,\omega\,\zeta\, z \\
&- 120\, y^9\,\omega^2\,\lambda\, w^2 - 13632\, y^5\,\omega\, x^2\,\zeta + 960\, y\,\eta^2 x^4 z\, w + 46080\, y^7 x^4\,\nu\,\omega^2 \\
&- 3520\, y^2 x^4\,\eta^2 w - 30720\, y^9 x^2\,\nu\,\omega^2 - 60\, y^6\,\omega\,\eta\, w + 480\, y^7\,\omega^2 z^4\,\lambda + 480\, y^2\,\eta^2 z^2 x^2 w \\
&- 1820\, y^4\,\zeta^2 z^3 - 12800\, y^3 x^4\,\omega\,\eta + 120\, y^7\,\omega^2\,\mu\, z^4 + 1280\, y^2 x^2 z^3\,\eta^2 - 480\, y^8\,\omega^2 z^3\,\mu \\
&+ 960\, y^9\,\omega^2 z\,\lambda\, w + 480\, y^3\,\eta^2 z^4 - 30720\, y^5 x^6\,\nu\,\omega^2 + 960\, y^6 z^3\,\omega^2\,\mu\, x^2 \\
&+ 53600\, y^4 z\,\zeta^2 x^2 - 17296\, y^6\,\eta\,\zeta\, w + 9920\, y^5\,\eta^2 z\, w + 1280\, y^6\, x\,\xi\,\omega + 125\, y^9\,\zeta\,\omega\,\nu\, w^2 \\
&+ 250\, y^8\,\zeta\,\omega\, w^3\,\lambda + 375\, y^7\,\zeta\, z^2\,\omega\,\mu\, w^2 + 125\, y^7\,\zeta\, z^2\,\omega\,\lambda\, w^2 + 125\, y^6\,\zeta\, x^2\,\omega\, z\,\mu\, w^2 \\
&- 125\, y^8\,\zeta\, z\,\mu\, w^2\,\omega - 8628\, y^4\,\zeta\, z\, x\, w\,\xi - 14762\, y^6\,\zeta^2 w - 250\, y^6\,\zeta\,\omega\,\lambda\, z^4 w
\end{aligned}
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\begin{aligned}
&- 375\, y^6 \zeta z^4 \omega \mu w + 250\, y^7 \zeta \omega \mu z^3 w + 2560\, y^4 x^2 w \xi^2 - 1920\, y^8 \omega^2 \lambda z^3 \\
&+ 11520\, y^{10} \omega^2 \lambda w - 2560\, y^4 \xi x^3 \omega + 10498\, y^5 \zeta z \eta w + 665\, y^5 \zeta z^2 \omega \\
&- 24000\, y^6 \zeta \eta z - 7284\, y^4 \eta \zeta z^3 + 26800\, y^5 \zeta \eta z^2 + 21120\, y^9 \omega^2 \mu z^2 \\
&- 4000\, y^8 \zeta \omega \kappa x w^2 + 1600\, y^4 \eta^2 w x^2 + 3840\, y^6 \omega^2 z x^3 \kappa w + 14080\, y^5 \eta x^2 \omega \\
&- 1920\, y^8 \omega^2 z x \kappa w - 480\, y^7 \omega^2 z \mu x^2 w - 960\, y^7 \omega^2 z \lambda w x^2 - 500\, y^8 \omega \zeta z \lambda w^2 \\
&- 1000\, y^7 \zeta \mu w^2 x^2 \omega - 28800\, y^3 x^2 \zeta \eta z^2 + 40000\, y^7 \zeta^2 - 24800\, y^4 \zeta z^2 x \xi \\
&- 2000\, y^7 \zeta z^4 \mu \omega - 63360\, y^7 x^2 \omega^2 \mu z^2 + 14762\, y^4 x^2 \zeta^2 w + 63360\, y^5 x^4 \omega^2 \mu z^2 \\
&- 7680\, y^5 x^3 \omega^2 \kappa z^3 - 960\, y^6 \omega^2 z^4 x \kappa + 240\, y^9 \omega^2 z \mu w + 57600\, y^3 x^4 \omega \mu z^4 \eta \\
&+ 8000\, y^3 x^4 \omega \lambda \zeta z^4 + 2880\, y^8 \omega^2 x^2 \mu w + 704000\, y^8 \zeta x^2 \mu \omega w - 16000\, y^4 x \xi z \eta w \\
&- 960\, y^5 x^4 \omega^2 z \lambda w - 2880\, y^6 \omega^2 x^4 \mu w + 1000\, y^7 \zeta z^3 \lambda \omega w + 240\, y^8 \omega^2 \kappa x w^2 \\
&- 60\, y^8 \omega^2 \mu z^2 w + 3840\, y^7 \omega^2 x \kappa z^3 + 4000\, y^8 \zeta z^2 \lambda \omega w + 4000\, y^5 \zeta z^4 \mu x^2 \omega \\
&+ 480\, y^7 \omega^2 x z^2 \kappa w + 1000\, y^8 \zeta z^2 \mu w \omega + 38400\, y^{10} \omega^2 \mu z - 4000\, y^9 z \zeta \mu \omega w \\
&- 480\, y^5 \omega^2 z^2 \kappa w x^3 + 16000\, y^5 \zeta z x \xi + 1920\, y^6 x^2 \omega^2 \lambda z^3 + 1920\, y^4 x^4 \omega^2 \lambda z^3 \\
&- 38400\, y^8 x^2 \omega^2 \lambda w + 32000\, y^{10} \zeta \nu z \omega - 480\, y^4 \eta^2 z^2 w - 12000\, y^5 z \zeta x^4 \mu \omega w \\
&+ 8000\, y^6 x^3 \zeta \omega \kappa w^2 - 1056000\, y^6 \zeta x^4 \mu \omega w + 12000\, y^7 z \zeta x^2 \mu \omega w \\
&+ 46080\, y^6 x^4 \omega^2 \lambda w + 48000\, y^9 \zeta z \lambda \omega w + 91200\, y^6 \zeta z^3 \mu x^2 \omega + 16000\, y^6 \zeta z^4 x \kappa \omega \\
&- 153600\, y^8 x^2 \omega^2 \mu z + 704000\, y^4 x^6 \zeta \mu \omega w - 91200\, y^4 x^4 \zeta z^3 \mu \omega \\
&+ 230400\, y^6 x^4 \omega^2 \mu z - 23040\, y^5 x^5 \omega^2 \kappa w - 23040\, y^4 x^6 \omega^2 \lambda w + 23040\, y^7 x^3 \omega^2 \kappa w \\
&- 128000\, y^8 \zeta \nu x^2 z \omega + 192000\, y^6 \zeta \nu x^4 z \omega - 480\, y^3 \eta^2 w z^3 + 8000\, y^5 x^2 \zeta z^4 \lambda \omega \\
&- 128000\, y^4 x^6 \zeta \nu z \omega + 1000\, y^7 \omega \zeta z \kappa x w^2 - 32000\, y^4 x^3 \zeta z^4 \kappa \omega \\
&- 57600\, y^5 x^2 \omega \mu \eta z^4 - 2000\, y^5 x^4 \zeta \omega \lambda w^2 - 480\, y \eta^2 x^2 z^4 + 19200\, y^7 \eta \omega \mu z^4 \\
&+ 3840\, y^3 \xi \eta w x^3 - 32000\, y^3 \xi x^3 \zeta z + 10560\, y^3 x \xi z^3 \eta - 40000\, y^2 x^4 \zeta z \eta \\
&- 8000\, y^7 \zeta z^4 \lambda \omega + 56000\, y^4 x^2 \zeta \eta z - 4480\, y^5 x \xi \eta w - 7680\, y^9 x \omega^2 \kappa w \\
&+ 18304\, y^5 x \xi \zeta w + 16288\, y^4 \eta x^2 \zeta w - 5440\, y^4 x^2 \omega \eta z - 4000\, y^4 x^4 \zeta z^2 \lambda \omega w \\
&- 2000\, y^6 x \kappa \omega z^3 \zeta w + 2000\, y^9 \zeta \omega \lambda w^2 + 480\, y^3 \eta^2 x^2 w^2 - 240\, y^8 \omega^2 z^2 \lambda w \\
&- 176000\, y^{10} \zeta \mu \omega w + 500\, y^9 \zeta \mu w^2 \omega - 30400\, y^8 \zeta z^3 \mu \omega - 153600\, y^4 x^6 \omega^2 \mu z \\
&+ 57600\, y^9 \omega \mu z \eta w - 2000\, y^7 x^2 \zeta \omega \lambda w^2 - 3840\, x^2 y^3 \eta^2 z w - 1444\, x^2 y^2 \eta \zeta z^3 \\
&- 96000\, y^4 x^5 \zeta z \kappa \omega w - 2560\, y^2 x^4 w \xi^2 - 2000\, y^6 \zeta z^2 \mu x^2 \omega w + 8000\, x^6 \zeta z \eta \\
&+ 16000\, y^5 \zeta z^2 x^3 \kappa \omega w - 8000\, y^7 \zeta z^2 x \kappa \omega w + 60\, y^6 \omega^2 z - 420\, y^4 \eta \omega z^3 \\
&- 4000\, y^6 \zeta z^2 \lambda \omega w x^2 - 480\, x^4 \omega^2 \lambda z^4 y^3 - 21120\, x^6 \omega^2 \mu z^2 y^3 + 3840\, x^5 y^3 \omega^2 \kappa z^3 \\
&+ 1280\, \xi y^2 x^5 \omega + 960\, y^4 \omega^2 z^4 x^3 \kappa - 115200\, y^4 x^5 \omega \mu \xi z w + 192000\, y^5 x^4 \zeta z \lambda \omega w \\
&- 60\, x^2 y^5 \omega^2 \lambda z^3 w + 1008\, y^2 \eta x^4 \zeta w + 1920\, x^4 y^2 \omega \eta z + 7680\, x^7 \omega^2 \kappa y^3 w
\end{aligned}
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$$+ 3840\, x^8\, \omega^2\, \lambda\, y^2\, w + 640\, y\, \xi\, \eta\, w\, x^5 + 16000\, y\, \xi\, x^5\, \zeta\, z + 960\, y^4\, \omega^2\, x^6\, \mu\, w$$
$$- 120\, x^2\, y^5\, \omega^2\, \mu\, z^4 + 420\, x^2\, y^4\, \omega\, \eta\, w + 115200\, y^6\, x^3\, \omega\, \mu\, \xi\, z\, w - 1870\, y^3\, x^2\, \zeta\, z\, \eta\, w$$
$$- 3884\, x^2\, y^4\, \omega\, \zeta\, z + 3840\, x^6\, y\, \omega\, \eta + 600\, x^2\, y^3\, \omega\, \eta\, z^2 - 480\, z^3\, y^4\, \omega^2\, \mu\, x^4$$
$$+ 38400\, x^8\, \omega^2\, \mu\, z\, y^2 - 125\, y^7\, \omega\, x^2\, \zeta\, \nu\, w^2 - 1920\, x^6\, \omega^2\, \lambda\, z^3\, y^2 - 8284\, x^2\, y^3\, \zeta^2\, z^2$$
$$+ 8728\, x\, \xi\, y^3\, z^3\, \zeta + 96000\, y^6\, \zeta\, z\, x^3\, \kappa\, \omega\, w - 1600\, x\, \xi\, y^5\, z\, \omega + 1870\, y^3\, \zeta\, \eta\, z^4$$
$$- 32000\, y^8\, \zeta\, z\, x\, \kappa\, \omega\, w - 160000\, y^7\, \zeta\, z\, \lambda\, \omega\, w\, x^2 + 6816\, y^3\, \omega\, x^4\, \zeta$$
$$- 192000\, y^7\, x^2\, \omega\, \mu\, z\, \eta\, w - 320\, \xi\, y\, x^3\, \eta\, z^3 + 24800\, \xi\, y^2\, x^3\, \zeta\, z^2 + 1600\, \xi\, y^3\, z\, x^3\, \omega$$
$$+ 7040\, \xi^2\, y^3\, z\, x^2\, w - 240\, y^6\, \omega^2\, \kappa\, x^3\, w^2 - 18304\, \xi\, y^3\, x^3\, \zeta\, w + 2000\, x^4\, \zeta\, y\, \eta\, z^2$$
$$- 5120\, \xi^2\, y^2\, x^2\, z^3 + 230400\, y^5\, x^4\, \omega\, \mu\, z\, \eta\, w + 32000\, x^8\, \zeta\, \nu\, z\, y^2\, \omega - 360\, x\, \xi\, y^5\, w\, \omega$$
$$- 720\, x\, \xi\, y^4\, z^2\, \omega + 125\, y^6\, \zeta\, w\, \omega - 38400\, y^8\, \omega\, \mu\, x\, \xi\, z\, w - 96000\, y^3\, x^6\, \zeta\, z\, \lambda\, \omega\, w$$
$$+ 60\, x^2\, y^6\, \omega^2\, \mu\, z^2\, w - 4000\, x^5\, \zeta\, y^4\, \omega\, \kappa\, w^2 - 115200\, y^3\, x^6\, \omega\, \mu\, z\, \eta\, w$$
$$- 176000\, x^8\, \zeta\, \mu\, \omega\, y^2\, w + 30400\, x^6\, \zeta\, z^3\, \mu\, y^2\, \omega + 240\, y^5\, \omega^2\, z\, \mu\, x^4\, w$$
$$+ 960\, x^6\, y^3\, \omega^2\, z\, \lambda\, w + 16000\, x^5\, \zeta\, z^4\, \kappa\, \omega\, y^2 + 2000\, x^6\, \zeta\, \omega\, \lambda\, y^3\, w^2 + 500\, \zeta\, \mu\, y^5\, w^2\, x^4\, \omega$$
$$- 19200\, y\, x^6\, \omega\, \mu\, z^4\, \eta - 8000\, y\, x^6\, \omega\, \lambda\, \zeta\, z^4 - 250\, x\, y^7\, \omega\, \kappa\, \zeta\, w^3 - 250\, x^2\, y^4\, \omega\, \zeta\, z^4\, \lambda\, w$$
$$+ 120\, y^6\, \omega^2\, x\, w\, \kappa\, z^3 + 120\, y^5\, \omega^2\, x^4\, \lambda\, w^2 + 60\, y^9\, \omega^2\, \nu\, z\, w - 60\, y^7\, \omega^2\, \nu\, z\, x^2\, w$$
$$- 120\, y^7\, \omega^2\, z\, \kappa\, x\, w^2 + 120\, y^8\, \omega^2\, z\, \lambda\, w^2 - 60\, y^7\, \omega^2\, \lambda\, z^3\, w + 1920\, \xi\, y^2\, z\, x^3\, \eta\, w$$
$$+ 180\, y^7\, \omega^2\, \mu\, w^2\, x^2 - 2000\, y^3\, \zeta\, z^4\, \mu\, x^4\, \omega - 180\, y^9\, \omega^2\, \mu\, w^2 + 240\, x^4\, \omega^2\, \lambda\, z^2\, w\, y^4$$
$$- 1920\, y^4\, \omega^2\, z\, x^5\, \kappa\, w,$$

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