```
\frac{-1\langle 14\rangle[23]\langle 16\rangle^2\langle 2|3+4|1][24](s_{\mbox{$14$}}-s_{\mbox{$23$}})}{\langle 56\rangle\langle 1|2+4|3|^3\langle 2|1+3|4|}+
                                                                                                                                                               \frac{1[23]^2\langle 2|3+4|2]\langle 16\rangle^2\langle 23\rangle(s_{14}-s_{23})}{\langle 56\rangle\langle 1|2+4|3|^3\langle 2|1+3|4|}+
                                                                                                                                                                                                  \frac{\frac{1\langle 14\rangle[23]\langle 4|2+3|1]\langle 16\rangle^{2}[24]}{\langle 56\rangle\langle 1|2+4|3|^{3}} +
                                                                                                                                                                                              \frac{1[23]^2\langle 34\rangle\langle 16\rangle^2(s_{234}+s_{23})}{\langle 56\rangle\langle 1|2+4|3|^3}+
                                                                                                                                                                                  \frac{\frac{1/2\langle 13\rangle[35][24]\langle 26\rangle(s_{14}-s_{23})^2}{\langle 1|2+4|3|^2\langle 2|1+3|4|^2}}{\frac{1}{2}}
                                                                                             \frac{1/2[23]\langle 12\rangle\langle 6|1+3|5]\langle 3|2+4|1]\langle 1|3+4|2](s_{124}-s_{234})}{\Delta_{13|24|56}\langle 1|2+4|3]^2\langle 2|1+3|4|}
       \frac{\langle 16 \rangle (-3\langle 12 \rangle [34]\langle 34 \rangle [12]\langle 46 \rangle [24] \dots \langle (21 \, \mathrm{terms}) \rangle \dots + 2\langle 14 \rangle \langle 36 \rangle [13]\langle 24 \rangle [24]^2)}{\langle 56 \rangle \langle 1|2+4|3|^2 \langle 2|1+3|4|}
                                                               \frac{-3/8\langle13\rangle\langle3|2+4|1]\langle6|1+3|5][34]\langle4|1+3|2]\langle24\rangle[24](s_{134}+s_{123})}{\langle1|2+4|3]\langle2|1+3|4]\Delta_{13}^2|2|56}+
\frac{-3/8\langle14\rangle^3\langle36\rangle[14]^3[25]\ldots\langle\!68\,\mathrm{terms}\!\rangle\!\ldots\!+9/16\langle13\rangle^2[14][13]\langle\!46\rangle\langle\!24\rangle[24][25]}{\langle1|2+4|3|\langle2|1+3|4]\Delta_{13}|_{24}|_{56}}
                  \frac{[14](1\langle14\rangle^2\langle26\rangle[15][12]+1/2\langle14\rangle^2[14][15]\langle46\rangle+1/2\langle12\rangle[35][12]\langle46\rangle\langle34\rangle)}{|13|\langle24\rangle\langle1|2+4|3|\langle2|1+3|4|}+
                                                          \frac{1\langle 14 \rangle [14][45][12]\langle 46 \rangle \dots \langle \langle 4\, \text{terms} \rangle \dots -1/2 \langle 13 \rangle [14][35][12]\langle 46 \rangle}{[13]\langle 1[2+4]3]\langle 2[1+3|4]} + \\
                                                               \frac{\langle 46\rangle (1\langle 14\rangle \langle 16\rangle [14]^2[12]\ldots \langle \langle 4\, terms\rangle \ldots +1\langle 12\rangle \langle 36\rangle [12]^2[34])}{[13]\langle 56\rangle \langle 1[2+4|3]\langle 2[1+3|4]} +
                                                                    \frac{\langle 16 \rangle (-3\langle 34 \rangle \langle 36 \rangle [12][34] \ldots \langle 9 \, terms \rangle \ldots + 5/2 \langle 12 \rangle \langle 36 \rangle [12]^2)}{\langle 56 \rangle \langle 1|2+4|3| \langle 2|1+3|4|} +
                                                                                                                                                             \frac{\langle 34 \rangle [24] \langle 26 \rangle (1[23] \langle 36 \rangle - 11/4[24] \langle 46 \rangle)}{\langle 56 \rangle \langle 1|2+4|3| \langle 2|1+3|4|} +
                                            \frac{\langle 36 \rangle (-11/4[23]\langle 36 \rangle [24]\langle 24 \rangle - 7/4[23]^2 \langle 23 \rangle \langle 36 \rangle + 1\langle 14 \rangle [14][24]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 36 \rangle [24]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 36 \rangle [24]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 36 \rangle [24]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 36 \rangle [24]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]4|} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+3]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3|\langle 2[1+3]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3|\langle 2[1+3]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]3|\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle)} + \frac{\langle 36 \rangle (-11/4[23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1[2+4]\langle 46 \rangle
                                                                                                                                                                                                                               (123456 \rightarrow \overline{432165})
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