```
\frac{-4[12]\langle 23\rangle[45]^2}{[24][56]\langle 2|1+3|4|^2}
                                                                                                                                                                                                                                                                                                                                                                                                       \frac{-4\langle 34\rangle [45]^2}{|56|\langle 1|2+3|4|\langle 2|1+3|4|} +
                                                                                                                                                                                                                                                                                                                                                                             \frac{4\langle 16 \rangle \langle 23 \rangle [23][35]}{\langle 1|2+4|3|\langle 1|2+3|4|\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                     \scriptstyle 4\langle 26\rangle [45]\langle 3|1+4|3]
                                                                                                                                                                                                                                                                                                                                                                             (1|2+3|4|(2|1+4|3)(2|1+3|4|+
                                                                                                                                                                                                                                                                                                                                                                                                          \frac{-1/4[12][15]\langle 34\rangle\langle 46\rangle}{\langle 4|2+3|1]\Delta_{23|14|56}}+
                                                                                                                                                                                                                                                                                                                                        \frac{-3/4\langle 13\rangle[45]\langle 6|1+5|2](s_{{\small 123}}{-}s_{{\small 234}})}{\langle 1|2+3|4|^2\Delta_{{\small 23|14|56}}}+
                                                                                                                                                                                                                                                                                                                                                        \frac{{}_{1}\langle 13\rangle [24]\langle 6|2+4|5](s_{{\small 1}23}-s_{{\small 2}34})}{\langle 1|2+3|4]^2\Delta_{{\small 2}3|14|56}}+
                                                                                                                                                                                                                                                                                                   \frac{-1[24]\langle 26\rangle(s_{13}-s_{24})[35]\langle 13\rangle(s_{123}-s_{234})}{\langle 1|2+3|4|^2\langle 2|1+4|3|\Delta_{23|14|56}}+
                                                                                                                                                                                                                                                                                             \frac{2\langle 26\rangle [35](s_{13}-s_{24})(s_{124}-s_{134})(s_{12}+s_{24})}{\langle 1|2+3|4|\langle 2|1+4|3|^2\Delta_{23|14|56}+
                                                                                                                                                                                                                                                                                                                                                                                                  \frac{-8\langle 26\rangle[35](s_{13}-s_{24})}{\langle 1|2+3|4|\langle 2|1+4|3|^2} +
                                                                                                                               \frac{(s_{12} + s_{13} + s_{24} + s_{34})(9/8[12]\langle 34\rangle[35]\langle 36\rangle \dots \langle 4\text{terms}\rangle \dots - 9/8[12]\langle 23\rangle[25]\langle 46\rangle)}{\Delta^2_{23|14|56}} + \frac{(s_{12} + s_{13} + s_{24} + s_{34})(9/8[12]\langle 34\rangle[35]\langle 36\rangle \dots \langle 4\text{terms}\rangle \dots - 9/8[12]\langle 23\rangle[25]\langle 46\rangle)}{\Delta^2_{23|14|56}} + \frac{(s_{12} + s_{13} + s_{24} + s_{34})(9/8[12]\langle 34\rangle[35]\langle 36\rangle \dots \langle 4\text{terms}\rangle \dots - 9/8[12]\langle 23\rangle[25]\langle 46\rangle)}{\Delta^2_{23|14|56}} + \frac{(s_{13} + s_{24} + s_{34})(9/8[12]\langle 34\rangle[35]\langle 36\rangle \dots \langle 4\text{terms}\rangle \dots - 9/8[12]\langle 23\rangle[25]\langle 46\rangle)}{\Delta^2_{23|14|56}} + \frac{(s_{13} + s_{24} + s_{34})(9/8[12]\langle 34\rangle[35]\langle 36\rangle \dots \langle 4\text{terms}\rangle \dots - 9/8[12]\langle 36\rangle[36]\langle 36\rangle \dots - 9/8[12]\langle 36\rangle \dots 
                                             \frac{(s_{123} - s_{234})(s_{12} + s_{13} + s_{24} + s_{34})(-9/16[12]\langle 14\rangle\langle 36)[45] \dots (\!(5\,\text{terms})\!)\dots -9/16[12]\langle 13\rangle[35]\langle 36\rangle)}{\langle 1|2 + 3|4|\Delta_{23|14|56}^2 \rangle} + \\
                                                       \frac{(s_{124}-s_{134})(s_{12}+s_{13}+s_{24}+s_{34})(-3/4[13]\langle 24)[25]\langle 36\rangle\dots\langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\dots-3/4[14]\langle 34\rangle[35](46))}{\langle 2|1+4|3|\Delta_{23}^2|14|56}+
\frac{(s_{123} - s_{234})(s_{124} - s_{134})(s_{12} + s_{13} + s_{24} + s_{34})(3/8\langle 23)[24][35]\langle 46\rangle \dots \langle \! \langle 4\,\text{terms} \rangle \! \rangle \dots - 3/8[12]\langle 13\rangle\langle 26\rangle[35])}{\langle 1|2+3|4]\langle 2|1+4|3|\Delta_{231|14}^2|56\rangle} + \frac{(s_{123} - s_{234})(s_{124} - s_{134})(s_{124} + s_{134} + s_{24} + s_{24})(3/8\langle 23\rangle[24][35]\langle 46\rangle \dots \langle \! \langle 4\,\text{terms} \rangle \! \rangle \dots - 3/8[12]\langle 13\rangle\langle 26\rangle[35])}{\langle 1|2+3|4|\langle 2|1+4|3|\Delta_{231|14}^2|56\rangle} + \frac{(s_{123} - s_{234})(s_{124} - s_{134})(s_{124} + s_{134})(s_{1
                                                                                                                                                                                                                                                                                                                                                     \frac{2[35]\langle 36 \rangle + 22[25]\langle 26 \rangle + 22[45]\langle 46 \rangle}{\langle 1|2+3|4|\langle 2|1+4|3|} +
                                                                                                                                                                                                                                           \frac{-4[12]\langle 14\rangle\langle 36\rangle[45]\ldots\langle\langle 10\,\mathrm{terms}\rangle\rangle\ldots+10[24]\langle 34\rangle[45]\langle 46\rangle}{\langle 1|2+3|4]\Delta_{23|14|56}}+
                                                                                                                                                                                                                 \frac{-11/2[12]\langle 24\rangle[25]\langle 26\rangle\ldots\langle\langle 11\,\mathrm{terms}\rangle\rangle\ldots+29/2[13]\langle 34\rangle[35]\langle 36\rangle}{\langle 2|1+4|3|\Delta_{2,3}|_{1,4}|_{56}}+
                                                                                                                                                              \frac{-4[12]\langle14\rangle\langle24\rangle[24]\langle26\rangle[45]\ldots\langle\!\langle42\,\mathrm{terms}\rangle\!\rangle\ldots-3/2[12]\langle13\rangle\langle23\rangle[23]\langle26\rangle[35]}{\langle1|2+3|4]\langle2|1+4|3|\Delta_{23}|14|56}
```