```
\frac{-1/2[12]\langle 13\rangle^2[14]\langle 46\rangle^2}{\langle 12\rangle\langle 56\rangle\langle 1|2+3|1]^2\langle 4|5+6|4]} + \\
                                                                                                                                                                                                                                                                      \frac{383/18[12]\langle 13\rangle[15]\langle 36\rangle}{\langle 12\rangle[14]\langle 1|2+3|1]^2} +
                                                                                                                                                                                                                                                         \frac{-383/18[12]^2\langle 3|1+6|5][15]}{[13][14][56]\langle 1|2+3|1|^2}+
                                                                                                                                                                                                                           \frac{3/2\langle34\rangle\langle13\rangle^2[14]\langle46\rangle^2}{\langle12\rangle\langle14\rangle\langle23\rangle\langle56\rangle\langle1|2+3|1]\langle4|5+6|4|} +
                                                                                                                                                                                                                   \frac{73/2[15]^2[12]\langle 13\rangle^2\langle 14\rangle[14]}{\langle 12\rangle[14]\langle 23\rangle[23][56]\langle 1|2+3|1]\langle 1|5+6|1|} +
                                                                                                                                                                                                                                               \frac{1/6[12]^2\langle 13\rangle\langle 16\rangle[15]}{\langle 12\rangle[14][23]\langle 1|2+3|1]\langle 1|5+6|1]} +
                                                                                                                                                                                                                                               \frac{-196/9[12]\langle 13\rangle^2[15]^2}{\langle 12\rangle[14][56]\langle 1|2+3|1]\langle 1|5+6|1|} +
                                                                                                                                                                                                                                \frac{5/3\langle 1|2+3|5][15][12]\langle 13\rangle\langle 34\rangle}{\langle 12\rangle\langle 23\rangle[23][56]\langle 1|2+3|1]\langle 1|5+6|1]} +
                                                                                                                                                                                                                                            \frac{-5/2[12]^2\langle 13\rangle\langle 16\rangle\langle 46\rangle}{\langle 12\rangle[23]\langle 56\rangle\langle 1|2+3|1]\langle 1|5+6|1|} +
                                                                                                                                                                                                                                                     \frac{347/36[12]^2\langle 1|2+3|5][15]}{\langle 12\rangle[13][14][23][56]\langle 1|2+3|1]} +
                                                                                                                                                                                                                                                     \frac{13/3[12]^2[25][15]\langle 12\rangle}{\langle 12\rangle[13][14][23][56]\langle 1|2+3|1]} +
                                                                                                                                                                                                                                                                \frac{-383/18[12]\langle 3|1+6|5][15]}{\langle 12\rangle[13][14][56]\langle 1|2+3|1]} +
                                                                                                                                                                                         \frac{5/6\langle 34\rangle\langle 13\rangle\langle 3|1+2|3][15]^2}{\langle 12\rangle[13]\langle 23\rangle[56](\langle 2|3|5+6|1|2]-\langle 3|4|5+6|1|3])}+
                                                                \frac{\langle 16 \rangle (97/3 \langle 34 \rangle^2 [45][24][13]^2 \ldots \langle 22 \, \text{terms} \rangle \ldots -1607/36[23][12][13][25] \langle 23 \rangle^2)}{\langle 12 \rangle [13] \langle 14 \rangle [14] \langle 23 \rangle [23][34] \langle 15 + 6 | 1]} + \\
                 \frac{[12]\langle 16\rangle (-167/6\langle 36\rangle [23][24]\langle 24\rangle [13]\langle 23\rangle \ldots \langle (10\,\mathrm{terms})\rangle \ldots + 193/6\langle 34\rangle \langle 13\rangle [13][34]\langle 46\rangle [14])}{\langle 12\rangle [13]\langle 14\rangle [14]\langle 23\rangle [23][34]\langle 56\rangle \langle 1[5+6]1]} + \frac{[12]\langle 16\rangle (-167/6\langle 36\rangle [23][24]\langle 16\rangle (-167/6\langle 36\rangle 
                                                                               \frac{[15](97/3[25][14]^3\langle 14\rangle^3\ldots\langle (11\,\mathrm{terms})\!\!)\ldots -97/3[23][35][12]\langle 13\rangle^2[13]\langle 23\rangle)}{\langle 12\rangle[13]\langle 14\rangle[14]\langle 12\rangle[23][23][34][56]\langle 1[5+6]1]} +
                                                                                                                                 \frac{\langle 36 \rangle [24] \langle 14 \rangle [15] (-97/3[14] \langle 14 \rangle + 97/3 \langle 34 \rangle [34] + 97/3[24] \langle 24 \rangle)}{\langle 12 \rangle \langle 14 \rangle [14] \langle 23 \rangle [23] [34] \langle 15 + 6|1]} + \\
                                                                                                                                                                                                                                                 \frac{193/6\langle 34\rangle^2\langle 16\rangle[24][15]}{\langle 12\rangle\langle 23\rangle[23]\langle 56\rangle[56]\langle 1|5+6|1]} +
2131/18\langle 24\rangle[35][12]^2\langle 13\rangle[34]\langle 46\rangle\langle 23\rangle\dots\langle\!\langle 75\,\mathrm{terms}\rangle\!\rangle\dots-1123/18[23][24]\langle 24\rangle[35][12]\langle 46\rangle\langle 23\rangle^2
                                                                                                                                                                                                            \langle 12\rangle[13]\langle 14\rangle[14]\langle 23\rangle[23]\langle 24\rangle[34]\langle 56\rangle[56]
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 $(123456 \rightarrow \overline{432165})$