

$$\begin{aligned} & \frac{23\langle 16\rangle(58/21\langle 13\rangle(26)\langle 23\rangle[34]\langle 23\rangle)\dots\langle 8\text{ terms}\rangle\dots-313/42(12)^2[34][12]\langle 36\rangle)}{(12)[34]\langle 56\rangle(1|2+4|3)^2(2|1+3|4)}+ \\ & \frac{17/42[35]\langle 13\rangle[23]s_{234}\langle 23\rangle[24]\langle 46\rangle}{(1|2+4|3)^2(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(14)\langle 16\rangle[24][35]\langle 3|2+4|1\rangle(127/84(14)[14]\dots\langle 3\text{ terms}\rangle)\dots+55/84(12)[12]}{(1|2+4|3)^2(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(14)[24][35]\langle 36\rangle(17/84(14)\langle 24\rangle[14][24]\dots\langle 17\text{ terms}\rangle)\dots-265/84(14)\langle 34\rangle[34][14]}{(1|2+4|3)^2(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(16)(-17/42[35]\langle 34\rangle^2(12)[24]^2[13]\dots\langle 14\text{ terms}\rangle)\dots+17/84(13)\langle 14\rangle^2[14]^2[13][25]}{(1|2+4|3)^2(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{24/7(36)\langle 14\rangle[23][24][24]\langle 16\rangle}{(12)\langle 56\rangle(1|2+4|3)^2(3|2+4|3)}+ \\ & \frac{(16)(-130/21[13]\langle 16\rangle[24]\langle 14\rangle\dots\langle 7\text{ terms}\rangle)\dots-17/7(12)[23][12]\langle 16\rangle)}{(12)[34]\langle 56\rangle(1|2+4|3)^2}+ \\ & \frac{(16)[25](-17/42(34)^2[23][34]\dots\langle 4\text{ terms}\rangle)\dots-37/21(12)\langle 34\rangle[23][12]}{(1|2+4|3)^2\Delta_{13|24|56}}+ \\ & \frac{(13)[14]\langle 26\rangle[45]\langle 4|1+3|2\rangle(6/7[13]\langle 13\rangle+4/7(14)[14]+2/7[23]\langle 23\rangle+6/7(12)[12])}{(1|2+4|3)(2|1+3|4)^2\Delta_{13|24|56}}+ \\ & \frac{(13)\langle 26\rangle(6/7[35][12]\langle 34\rangle[34]\langle 23\rangle[24]\dots\langle 17\text{ terms}\rangle)\dots+8/7[23]\langle 23\rangle^2[24][13][25]}{(1|2+4|3)(2|1+3|4)^2\Delta_{13|24|56}}+ \\ & \frac{(16)(-239/21[23]\langle 12\rangle\langle 23\rangle^2[13]\langle 46\rangle)\dots\langle 15\text{ terms}\rangle)\dots-103/21[12]\langle 13\rangle\langle 26\rangle(12)\langle 24\rangle[13]}{(12)^2[13]\langle 24\rangle\langle 56\rangle(1|2+4|3)(2|1+3|4)}+ \\ & \frac{(46)\langle 26\rangle(64/7[13]\langle 23\rangle\langle 23\rangle(13)\dots\langle 5\text{ terms}\rangle)\dots-10/7(12)[23][12]\langle 23\rangle)}{(12)[13]\langle 24\rangle\langle 56\rangle(1|2+4|3)(2|1+3|4)}+ \\ & \frac{(14)[15][45](10/21[13]\langle 13\rangle+559/63(14)[14]-262/63[23]\langle 23\rangle+71/21\langle 34\rangle[34])}{(12)[13]\langle 56\rangle(1|2+4|3)(2|1+3|4)}+ \\ & \frac{(13)[24]\langle 3|2+4|1\rangle(4|1+3|2\rangle(6|1+3|5)\langle -17/7(24)[34]-73/56(12)[13]\rangle)}{(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(13)[24]\langle 2|3+4|1\rangle(4|1+3|2\rangle(6|1+3|5)\langle 3/14(14)[14]-3/14[23]\langle 23\rangle-3/14(34)[34]+3/14(12)[12]\rangle)}{(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(13)[24]\langle 3|2+4|1\rangle(4|1+2|3\rangle(6|1+3|5)\langle -15/14(14)[14]+15/14[23]\langle 23\rangle-15/14(34)[34]+15/14(12)[12]\rangle)}{(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(3|2+4|1)\langle 4|1+3|2\rangle(6|1+3|5)\langle 4/7(12)^2[12][24]\dots\langle 6\text{ terms}\rangle)\dots+4/7(12)[23]\langle 23\rangle[24]}{(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{4/7(6|1+3|5)\langle 4|1+3|2\rangle[34]\langle 3|2+4|1\rangle}{[13](1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{45/56(3|2+4|3)\langle 6|1+3|5\rangle(4|1+3|2)\langle 23\rangle}{(24)(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(46)\langle 30/7[35]\langle 34\rangle^2(12)[14][24]\dots\langle 28\text{ terms}\rangle)\dots+37/7(12)\langle 13\rangle(14)[45]\langle 24\rangle[14]}{(24)(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{347/168(3|5+6|3)\langle 3|1+2|4\rangle(46)^2[24]}{\langle 56\rangle(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(36)\langle 46\rangle(-41/84[23]^2(23)^2[24]\dots\langle 25\text{ terms}\rangle)\dots+571/84(12)^2[12]^2[24]}{\langle 56\rangle(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{41/168(3|5+6|3)\langle 24\rangle[25]^2(3|1+2|4)}{[56](1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{[25]\langle 34\rangle[45](1/5+6|1)\langle 61/84(14)[14]\dots\langle 3\text{ terms}\rangle)\dots+61/84(12)[12]}{[56](1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{(23)[25]^2s_{234}(115/42[13]\langle 13\rangle)\dots\langle 4\text{ terms}\rangle)\dots+47/28(12)[12]}{[56](1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{229/56(36)\langle 14\rangle^2[25][14]^2\dots\langle 22\text{ terms}\rangle)\dots-6/7(26)[35][12]^2(13)^2}{(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{[12]\langle -5/7(14)^2[14]^2(46)[45]\dots\langle 12\text{ terms}\rangle)\dots+1/7[35][12]\langle 13\rangle[34]\langle 23\rangle(46)}{[13](1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{-4/7(12)\langle 6|1+3|5\rangle(s_{24}-s_{56})[12]^2}{[13](1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{1/12(36)[23]\langle 3|2+4|3\rangle\langle 23\rangle(s_{25}+s_{26}+s_{45}+s_{46})\langle 46\rangle}{(24)\langle 56\rangle(1|2+4|3)(2|1+3|4)\Delta_{13|24|56}}+ \\ & \frac{-24/7(36)^2(4|1+2|3)s_{124}[23]}{\langle 56\rangle(1|2+4|3)(2|1+4|3)(3|5+6|3)^2}+ \\ & \frac{(24)\langle 16\rangle(12/7(26)\langle 14\rangle[34][12]\dots\langle 3\text{ terms}\rangle)\dots+12/7(14)\langle 34\rangle[14]\langle 46\rangle)}{(12)^2[13]\langle 56\rangle(1|2+4|3)(2|1+4|3)}+ \\ & \frac{[35]\langle -232/21(12)^2(14)[15][12]\dots\langle 18\text{ terms}\rangle)\dots+316/21[35][12]\langle 13\rangle(12)\langle 24\rangle}{(12)^2[13][56](1|2+4|3)(2|1+4|3)}+ \\ & \frac{(14)^2(26)\langle -1(36)[13]-23/7(26)[12]-23/7(14)\langle 46\rangle\rangle}{(12)\langle 24\rangle\langle 56\rangle(1|2+4|3)(2|1+4|3)}+ \\ & \frac{(36)^2[24]\langle -12/7[13]\langle 14\rangle^2[34]-4/7(12)\langle 24\rangle[23]^2\rangle}{(12)[34]\langle 56\rangle(1|2+4|3)(3|2+4|3)(3|5+6|3)}+ \\ & \frac{(36)\langle 3(26)\langle 14\rangle[23][24][13]\dots\langle 9\text{ terms}\rangle)\dots+31/7[12]\langle 14\rangle[34][13]\langle 16\rangle)}{(12)[13]\langle 34\rangle\langle 56\rangle(1|2+4|3)(3|5+6|3)}+ \\ & \frac{[35]^2(-1[13][12]\langle 13\rangle^2+1(14)\langle 34\rangle[14][24])}{(12)[13][34][56](1|2+4|3)(3|5+6|3)}+ \\ & \frac{(14)^2(36)\langle -24/7(26)[12]-17/7(36)[13]-24/7(14)\langle 46\rangle\rangle}{(12)\langle 24\rangle\langle 56\rangle(1|2+4|3)(3|5+6|3)}+ \\ & \frac{(16)\langle -206/21(24)^2(46)[24]\dots\langle 7\text{ terms}\rangle)\dots-2467/126(26)\langle 14\rangle(24)[12]}{(12)^2[13]\langle 34\rangle\langle 56\rangle(1|2+4|3)}+ \\ & \frac{(26)\langle 655/14[13]\langle 13\rangle\langle 46\rangle(14)+1(24)[23]\langle 46\rangle(13)+271/6(26)\langle 14\rangle^2[12]+1837/42(14)^2[14]\langle 46\rangle\rangle}{(12)^2[13]\langle 24\rangle\langle 56\rangle(1|2+4|3)}+ \\ & \frac{[35]\langle -151/7(12)\langle 14\rangle(34)[15]\dots\langle 5\text{ terms}\rangle)\dots+5741/126[35]\langle 24\rangle(34)\langle 13\rangle\rangle}{(12)^2[13]\langle 24\rangle[56](1|2+4|3)}+ \\ & \frac{(26)\langle 1$$