

$$\begin{aligned}
& \frac{-19/60(46)(14)(45)(23)(12)^2(13)}{(12)(1|2+3|1)^2(4|5+6|4)^2} + \\
& \frac{19/20(12)^2(46)(15)(13)}{[13](1|2+3|1)^2(4|5+6|4)} + \\
& \frac{-1/7(12)^2(14)(46)^2(13)}{[13](56)(1|2+3|1)^2(4|5+6|4)} + \\
& \frac{-11/28(12)[15]^2(13)^2}{(12)(14)[56](1|2+3|1)^2} + \\
& \frac{19/30(46)(45)(24)(12)(13)^2}{(12)^2(1|2+3|1)(4|5+6|4)^2} + \\
& \frac{-103/210(34)(46)(45)13^2}{(12)^2(1|2+3|1)(4|5+6|4)^2} + \\
& \frac{-1/7(46)^2[56][24][12](13)}{(12)[23](1|2+3|1)(4|5+6|4)^2} + \\
& \frac{(13)(-123/70(34)[15][13]12^2(36) \dots \langle 13 \text{ terms} \rangle \dots + 359/420(46)(23)^2(12)^2(12)[35])}{(12)^2[13](23)(56)[56](1|2+3|1)(4|5+6|4)} + \\
& \frac{(13)(2/21(46)(34)^2[45][13]^2(13) \dots \langle 3 \text{ terms} \rangle \dots + 2/21(46)(23)(13)(24)(12)^2(35))}{(12)[13](14)(23)(56)[56](1|2+3|1)(4|5+6|4)} + \\
& \frac{-41/35(46)[45](23)(12)^2(13)}{(12)[14](56)[56](1|2+3|1)(4|5+6|4)} + \\
& \frac{(13)^2(15)(389/140(46)[13](23)+439/210(12)(26)(24))}{(12)^2[13](23)(56)[56](1|2+3|1)} + \\
& \frac{[15](12)^2(11/42(26)(13)-19/84(36)(12))}{(12)[13][14](56)[56](1|2+3|1)} + \\
& \frac{[12](13)(2/21(25)(26)(12)+2/21(36)[13][25]-88/105(46)(45)[12])}{(12)[14][23](56)[56](1|2+3|1)} + \\
& \frac{[12]^3[45](-25/84(36)(12)+25/84(26)(13))}{[13][14](56)[56](1|2+3|1)(1|2+3|4)} + \\
& \frac{-19/84(46)[15](13)^2(12)[14]}{[13](23)(56)[56](1|2+3|1)(1|2+3|4)} + \\
& \frac{1277/420(34)(46)(14)[15](12)^2}{[23](24)(56)[56](1|2+3|1)(4|2+3|1)} + \\
& \frac{(46)(12)^2(-671/210(25)(24)-1277/420(14)[15])}{[13][23](24)(56)[56](1|2+3|1)} + \\
& \frac{19/60(46)^2[56][24][12]^2(13)}{[23](2|1+3|2)^2(4|5+6|4)^2} + \\
& \frac{(46)(13)[12](19/20(34)[45][23]-19/60(24)[56](46))}{(12)[23](2|1+3|2)(4|5+6|4)^2} + \\
& \frac{-1/7(46)^2[24](23)(12)(13)}{(12)(56)(2|1+3|2)(4|5+6|4)^2} + \\
& \frac{-103/210(46)(45)(34)(13)}{(12)^2(4|5+6|4)^2} + \\
& \frac{-19/30(46)(14)(45)[12](13)}{(12)^2[23](4|5+6|4)^2} + \\
& \frac{1/7(46)(14)(45)[24](23)(12)}{(12)[13](1|2+3|4)(4|5+6|4)^2} + \\
& \frac{41/35(46)(34)(45)(3|1+2|4)(13)}{(12)(23)(1|2+3|4)(4|5+6|4)^2} + \\
& \frac{1/7(46)[45][12](4|1+3|2)}{(12)[13][23](4|5+6|4)^2} + \\
& \frac{-41/35(46)[45](34)^2}{(12)(24)(4|5+6|4)^2} + \\
& \frac{19/30(12)^2(46)(26)(13)^2}{(12)(56)(2|1+3|2)^2(4|5+6|4)} + \\
& \frac{163/210(12)^2(46)^2[24](13)}{[23](56)(2|1+3|2)^2(4|5+6|4)} + \\
& \frac{(46)(-519/140(46)(24)(23)[12](23)(12) \dots \langle 5 \text{ terms} \rangle \dots + 19/20(13)(23)(23)^2(13)(36))}{(12)^2[13](23)(56)(2|1+3|2)(4|5+6|4)} + \\
& \frac{-19/15(46)[12]^2(13)^2(26)[34]}{(12)(23)(56)(2|1+3|2)(2|1+3|4)(4|5+6|4)} + \\
& \frac{-16/21(24)[13]^2(45)(24)^3(13)^3(26) \dots \langle 27 \text{ terms} \rangle \dots + 3/7(34)(23)^3(24)(12)(23)^2(35)(36)[34]}{(12)^2[13](14)(23)(24)[34](56)[56](2|1+3|4)(4|5+6|4)} + \\
& \frac{10/7(24)^2(12)^2(35)(13)^2(26)(34)^2 \dots \langle 210 \text{ terms} \rangle \dots + 2/21(34)(14)(24)(24)^2(35)(36)[14][34]^2}{(12)^2[13](23)(24)[34](56)[56](2|1+3|4)(4|5+6|4)} + \\
& \frac{-3/7(34)^2(46)(24)(24)(12)^2(35)[14] \dots \langle 25 \text{ terms} \rangle \dots - 3/7(25)(23)^2(24)^2(23)^2(13)(26)}{(12)^2[13](14)(23)(24)[34](56)[56](4|5+6|4)} + \\
& \frac{-41/35(46)[45][13]^2(24)^2(24)^2(13) \dots \langle 7 \text{ terms} \rangle \dots + 3/5(24)[13](23)(24)(12)(12)(23)[35](36)}{(12)^2[13][14](23)(24)[34](56)[56](4|5+6|4)} + \\
& \frac{-529/210(45)(24)^3(12)(13)(36)[34] \dots \langle 14 \text{ terms} \rangle \dots + 6/35(34)[15][13](12)(12)^3(36)}{(12)^2[13](23)(24)[34](56)[56](4|5+6|4)} + \\
& \frac{3/28(14)(24)(12)^2(35)(13)(26)[34] \dots \langle 117 \text{ terms} \rangle \dots - 3/7(23)(24)(12)(12)(23)^2(35)(36)}{(12)^2[13](23)(24)[34](56)[56](4|5+6|4)} + \\
& \frac{-1/3(34)(3|1+2|4)(46)^2}{(12)(23)(56)(4|1+2|3)(4|5+6|4)} + \\
& \frac{(34)^2(3/5(46)(12)(45)[12]-3/5(36)13[35])}{(12)(14)[14](24)(56)[56](4|5+6|4)} + \\
& \frac{3/5(34)(24)^2(12)(12)(35)(36) \dots \langle 10 \text{ terms} \rangle \dots + 1/3(34)(46)(24)^3(23)[35]}{(14)[14][34](56)[56](1|2+3|4)(4|5+6|4)} + \\
& \frac{(13)(3/7(14)[25]13(14)(36) \dots \langle 12 \text{ terms} \rangle \dots + 11/21(34)(46)(45)[13](24)(13))}{(14)(23)(34)(56)[56](1|2+3|4)(4|5+6|4)} + \\
& \frac{-1/3(25)(6|1+3|2)(23)^2}{(12)(2|1+3|2)^2(2|1+3|4)} + \\
& \frac{-1/3(25)(45)(23)(24)(12)(13)}{(12)[56](2|1+3|2)^2(2|1+3|4)} + \\
& \frac{-2/21(46)(23)(12)(13)(26)[34]}{(12)^2[13](56)(2|1+3|2)(2|1+3|4)} + \\
& \frac{(26)(12)(-2/3(13)(26)(13)^2-5/21(13)(26)23+1/3(36)(12)(23)(23))}{(12)^2[13](56)(2|1+3|2)(2|1+3|4)} + \\
& \frac{(46)(10/21(23)(24)(23)^2(36)[34]-2/21(46)(23)^2(23)^2(34)-5/21(12)^2(13)(16)(12)^2+2/21(14)(12)^2(12)(26)[34])}{(12)^2[13](23)(56)(2|1+3|2)(2|1+4|3)} + \\
& \frac{-1/3(14)s_{123}(12)^2(14)(26)^2}{(12)[13][23](56)(2|3+4|1)(2|1+3|2)(2|1+3|4)} + \\
& \frac{[12]^2(26)^2(14)[34](1/3(13)(13)+1/3(23)(23))}{(12)[13][23](56)(2|1+3|2)(2|1+4|3)(2|1+3|4)} + \\
& \frac{(36)(-1/3(23)(24)(23)^2(36)[34] \dots \langle 5 \text{ terms} \rangle \dots + 1/3(12)^2(13)(16)(12)^2)}{(12)[23](56)(2|1+3|2)(2|1+4|3)(2|1+3|4)} + \\
& \frac{[45](1/21(34)[25][13](23)(23)-2/21(25)[13](24)(12)(13)+2/21(12)^2(13)(24)(35))}{(12)[13][23](56)(2|1+3|2)(2|1+3|4)} + \\
& \frac{(36)(1/3(36)(12)(12)-1/3(36)(24)(24)-1/7(12)(26)(13))}{(12)(56)(2|1+3|2)(2|1+3|4)} + \\
& \frac{10/21(36)(23)(23)(46)}{(12)(56)(2|1+3|2)(2|1+4|3)} + \\
& \frac{3/7(25)^2s_{123}(23)(12)}{[23][56](2|1+3|2)(2|5+6|2)(2|1+3|4)} + \\
& \frac{1/3(13)s_{123}(12)^2(13)(26)^2}{[23](56)(2|3+4|1)(2|1+3|2)(2|1+4|3)(2|1+3|4)} + \\
& \frac{[12]^2(12)(46)(-1/3(13)(16)[14]+1/3(12)(26)[34])}{[13][23](56)(2|1+3|2)(2|1+4|3)(2|1+3|4)} + \\
& \frac{[45](12)(24)(-1/3(34)[45][23]-1/3(12)[25](12)+1/3(25)13)}{[23][56](2|1+3|2)(2|1+4|3)(2|1+3|4)} + \\
& \frac{1/3(15)^2s_{123}(24)(12)^2(1|3+4|2)}{[13][23][56](2|3+4|1)(2|1+3|2)((3|2|5+6|1|3)-(2|4|5+6|1|2))} + \\
& \frac{2/21(24)^2(24)^4(35)(36)[34] \dots \langle 22 \text{ terms} \rangle \dots + 2/21(46)(13)(23)^3(23)^2(12)[35]}{(12)^2[13](23)(24)(56)[56](2|1+4|3)(2|1+3|4)} + \\
& \frac{4/21(14)^2(13)(24)[35](14)(36) \dots \langle 32 \text{ terms} \rangle \dots - 2/21(24)^2(12)[35][23](13)(26)}{(12)^2[13][23](24)(56)[56](2|1+4|3)} + \\
& \frac{-29/15(34)[25][13](24)(12)^2(36) \dots \langle 14 \text{ terms} \rangle \dots + 3/7(34)(46)(23)(24)(13)[35][34]}{(12)^2[13](14)(23)(24)[34](56)[56]} + \\
& \frac{2/21(14)[45][13](12)^2(12)(26) \dots \langle 13 \text{ terms} \rangle \dots - 1/3(34)(24)[13]^2(12)[35](36)}{(12)^2[13][14][23](24)[34](56)[56]} + \\
& \frac{(13)(3/28(46)[14](12)[15] \dots \langle 4 \text{ terms} \rangle \dots - 3/7(12)(26)(12)[15])}{(12)^2[13](23)(34)(56)[56]} + \\
& \frac{159/70(34)(14)[13][35](36)[34] \dots \langle 57 \text{ terms} \rangle \dots - 9/35(46)(45)(24)(12)[23](12)}{(12)^2[13][23](24)[34](56)[56]} + \\
& \frac{3/5(13)(24)(13)^2(35)(36) \dots \langle 4 \text{ terms} \rangle \dots - 3/5(34)(12)(12)^2(35)(36)}{(12)^2(14)[14](24)[34](56)[56]} + \\
& \frac{-25/84(14)(13)^2(12)[35][14](26) \dots \langle 20 \text{ terms} \rangle \dots - 25/84(24)(24)(12)[35](13)^2(26)}{(12)[13](14)(56)[56](1|2+3|4)(2|1+3|4)} + \\
& \frac{[13](26)s_{123}(-2/3(46)(12)^2(12)[14] \dots \langle 3 \text{ terms} \rangle \dots - 1/3(46)(24)(23)(24)[34])}{(12)(23)(24)[34](56)(2|3+4|1)(2|1+4|3)(2|1+3|4)} + \\
& \frac{1/3(36)[25](14)^2(14)^2 \dots \langle 16 \text{ terms} \rangle \dots - 13/84(24)[25](24)(12)(13)(26)}{(12)[14][23](24)(56)[56](1|2+3|4)} + \\
& \frac{[24](13)(3/14(46)(45)[14]+11/84(12)(45)(26)-1/42(36)[13](45)+1/7(25)(26)[14])}{(12)[14][34](56)[56](1|2+3|4)} + \\
& \frac{(26)[13]s_{123}(1/3(12)(26)(14)+1/3(24)(24)(46)-2/3(46)(12)(12))}{(12)(23)(24)[34](56)(2|3+4|1)(2|1+4|3)} + \\
& \frac{[12](46)[14][15](-16/21(24)(13)+3/7(34)(12))}{(12)[13](23)(34)(56)[56](4|2+3|1)} + \\
& \frac{-16/21(34)(46)(14)[15][24][13]}{(12)[23](24)[34](56)[56](4|2+3|1)} + \\
& \frac{1/3(24)^2(45)(34)(46)}{(14)[14][34](1|2+3|4)(4|2+3|4)} + \\
& \frac{-1/3(24)^2(34)[15](46)}{[14][23](24)(1|2+3|4)(4|2+3|4)} + \\
& \frac{55/84(24)[13][25](23)(24)(36) \dots \langle 19 \text{ terms} \rangle \dots + 25/28(24)(23)(24)(12)[35](36)}{[13](23)(24)[34](56)[56](1|2+3|4)} + \\
& \frac{1/3(34)^2(13)(3|1+2|4)(46)^2}{(23)(24)(56)(4|1+2|3)((2|3|5+6|4|2)-(3|1|5+6|4|3))}
\end{aligned}$$