

$$\frac{3/2\langle 16\rangle[23]\langle 1|3+4|2\rangle\langle 6|2+4|3\rangle}{[34]\langle 56\rangle\langle 1|2+4|3\rangle^3} +$$

$$\frac{\langle 16\rangle[23](3/2[24]\langle 46\rangle+1/2[23]\langle 36\rangle)}{[34]\langle 56\rangle\langle 1|2+4|3\rangle^2} +$$

$$\frac{-1\langle 16\rangle[23]^2[24]\langle 26\rangle}{[34]^2\langle 56\rangle\langle 1|2+4|3\rangle^2}$$