$$\frac{\left\langle \frac{1}{2}k\chi^{2}\right\rangle = \int_{-0.0}^{0.0} \frac{1}{2}k\chi^{2} |\psi| d\chi}{\left( \int_{-0.0}^{0.0} e^{\frac{k}{1}k} dx \right)} = \int_{-0.0}^{0.0} \frac{1}{2}k\chi^{2} \frac{e^{\frac{k}{1}k}}{\int_{-0.0}^{0.0} e^{\frac{k}{1}k} dx}$$

$$= \int_{-0.0}^{0.0} \frac{1}{2}k\chi^{2} \frac{e^{\frac{k}{1}k}}{\int_{-0.0}^{0.0} e^{\frac{k}{1}k} dx} dx$$

$$= \int_{-0.0}^{0.0}$$