



$$\frac{\int_0^{32} (x - (-16 - 32)) f_X(x) dx}{\int_0^{32} f_X(x) dx}$$

$$+ \frac{\int_{32}^{64} (x - (16 - 32)) f_X(x) dx}{\int_{32}^{64} f_X(x) dx}$$

$$+ \frac{\int_{64}^{96} (x - (-16 + 32)) f_X(x) dx}{\int_{64}^{96} f_X(x) dx}$$

$$+ \frac{\int_{96}^{128} (x - (16 + 32)) f_X(x) dx}{\int_{96}^{128} f_X(x) dx}$$