Consider $\mu_x = \mu$ (constant force of mortality), then find ${}_t p_x$, ${}_{u|t} q_x$, $\mathring{e}_x$, $\mathring{e}_{x:\overline{n}|}$, e_x.

Consider $q_x = q$ (constant mortality rate, aka uniform survival), then find ${}_t p_x$, ${}_{u|t} q_x$, $\mathring{e}_x$, $\mathring{e}_{x:\overline{n}|}$, e_x.