

MA 418 ~ ACTUARIAL MATHEMATICS I
CH 2 - NOTATION/ENGLISH HOMEWORK

NAME: _____

Sort out the following notation by writing the equivalent notation using $P(T_x \leq (\geq, <, >)t)$ and describing each term in English (assuming you have a person who is currently age x). Also relate each piece to the lifetime of a person just born (currently age 0). I suggest making two columns (one for formula stuff and one for English stuff).

- μ_{x+t}

- μ_x

- ${}_t p_x$

- ${}_t q_x$

- ${}_u | t q_x$

- $\overset{\circ}{e}_x$

- $\overset{\circ}{e}_{x:\overline{n}|}$

- e_x