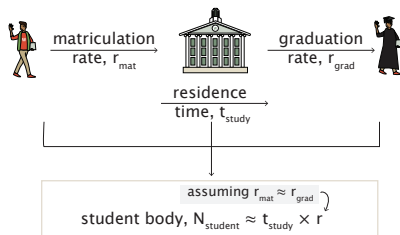


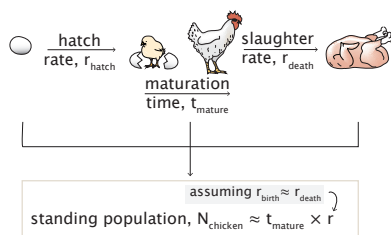
(A)

LITTLE'S THEOREM — CALCULATING POPULATIONS FROM RATES AND LIFETIMES

student body population

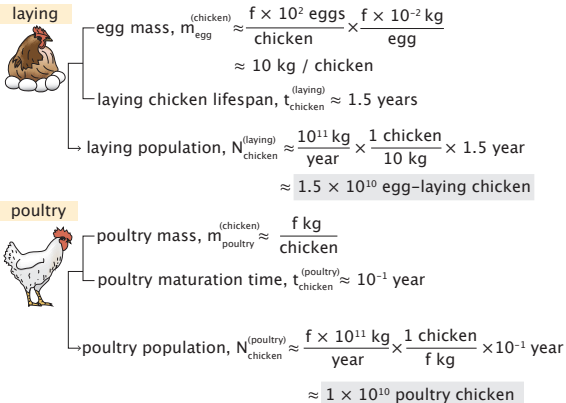


livestock standing population



(B)

ESTIMATING STANDING CHICKEN POPULATION



(C)

total chicken population, $N_{\text{chicken}} \approx N_{\text{chicken}} + N_{\text{chicken}} \approx f \times 10^{10}$

data source: Food and Agricultural Organization (FAO) of the UN

