3. $N_{+} = N_{0} \chi^{T}$ $\chi = 1.12$ $N_{0} = 1$ $2 = 1 \cdot (1.12)^{T}$ $N_{+} = 2$ $2 = (1.12)^{T}$ $1092 = T \cdot 109[0.12)$ T = 109[2] 109[0.12) T = 6.12 Years

H. The human Jenth Pate in Eugene is idensity independent because the factors causing death (O/U. age for example)

are independent of the size of the population. Repartless of hem big the population sets people will still die due to old age. Density Jependence could be introduced if there was a disease that increased death as population size also increased. Another example would be if as population increased that the resormes vow be less available because of higher population so more people would die. A final example could be come, where if would die. A final example could be come, where if would die. A final example could be come, where if would die a bigger population voud province cominals and merderers are a bigger population voud province cominals and merderers.

5. Online