

2.(a) Basal rate of production of A is $-dA/dt$, R is $-C_R$
 Maximal rate is when no inhibitor is present,
 For A, $\frac{r_{0A} + r_{IA} C_A^2}{1 + C_A^2}$, For R, $\frac{r_{0R} + r_{IR} C_A^2}{1 + C_A^2}$