

P3-13

(a) 1: $-r_A = K C_A C_B^2$

2: $-r_A = K C_B$

3: $-r_A = K$

4: $-r_A = K C_A C_B^{-1}$

(b) 1: $-r_{H_2} = K C_{H_2}^{1/2} C_{Br_2}^{1/2}$

2: $-r_{H_2} = K C_{H_2} C_{I_2}$