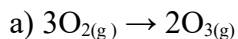
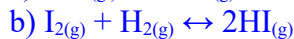
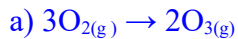


Problema503: Escribe a expresión de velocidade para as seguintes reaccións en función da concentración de cada unha das especies que interveñen nas mesmas.

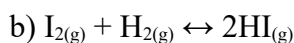


A velocidade media podémola calcular como:

$$v = -\frac{1}{3} \cdot \frac{\Delta[\text{O}_2]}{\Delta t} = \frac{1}{2} \cdot \frac{\Delta[\text{O}_3]}{\Delta t}$$

A velocidade instantánea podémola calcular como:

$$v = -\frac{1}{3} \cdot \frac{d[\text{O}_2]}{dt} = \frac{1}{2} \cdot \frac{d[\text{O}_3]}{dt}$$



A velocidade media podémola calcular como:

$$v = -\frac{\Delta[\text{H}_2]}{\Delta t} = -\frac{\Delta[\text{I}_2]}{\Delta t} = \frac{1}{2} \cdot \frac{\Delta[\text{HI}]}{\Delta t}$$

A velocidade instantánea podémola calcular como:

$$v = -\frac{d[\text{H}_2]}{dt} = -\frac{d[\text{I}_2]}{dt} = \frac{1}{2} \cdot \frac{d[\text{HI}]}{dt}$$