

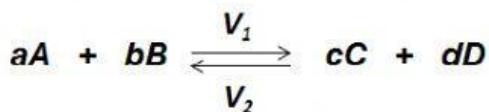


## QUIMIFIRST – EQUILÍBRIO QUÍMICO



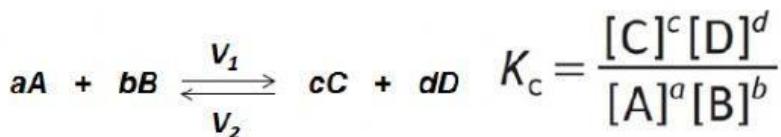
Reação \_\_\_\_\_ é a reação na qual os reagentes se transformam nos produtos, e estes, à medida que se formam, regeneram os reagentes iniciais.

Uma reação química atinge o equilíbrio quando as \_\_\_\_\_ de consumo dos reagentes e aparecimento dos produtos são **IGUAIS**.

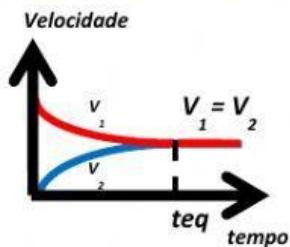


$$\begin{aligned} V_1 &= \text{Velocidade direta} \\ V_2 &= \text{Velocidade Inversa} \\ V_1 &= V \end{aligned}$$

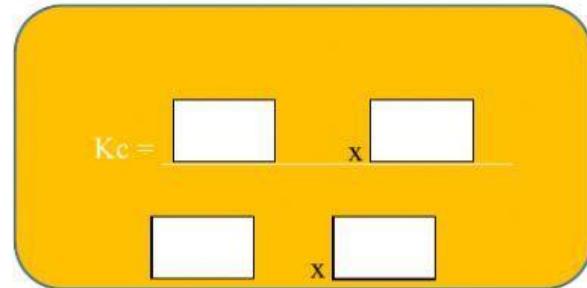
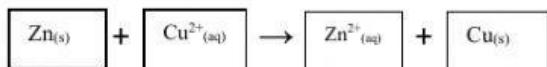
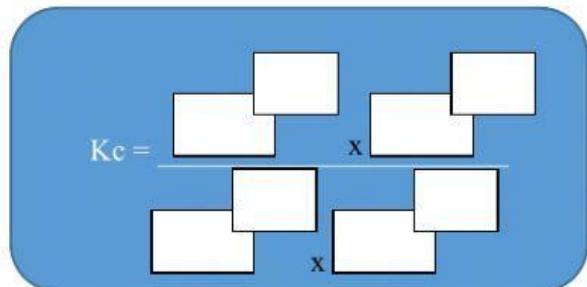
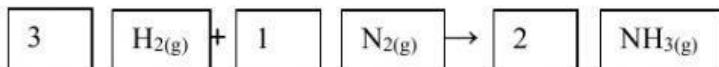
**Constante de equilíbrio em relação a concentração (  $K_c$  )**



**Veja o gráfico em termos de Velocidade:**



**Agora é sua vez: Arraste e Solte os itens na posição correta (pode ter caixinhas sem preenchimento)**

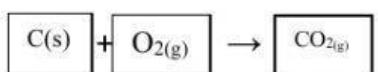


Bom Estudo!!!  
Profa. Ana (QuimicAna)

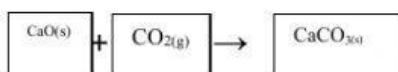




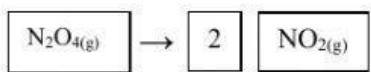
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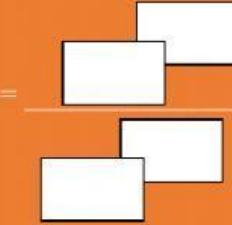
$$K_c = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}} \times \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$



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Bom Estudo!!!  
Profa. Ana (QuimicAna)

