

1) $K_c = \frac{(\text{NH}_3)^2 \times \text{Actividad}(\text{H}_2\text{O})^{\text{g}}}{(\text{NO}_2)^2 \times (\text{H}_2)^2} = \text{Heterogénea}$

2) $K_c = \frac{(\text{ZnO})^2 \times (\text{SO}_2)^2}{(\text{ZnS})^2 \times (\text{O}_2)} = \text{Heterogénea}$

3) $K_c = \frac{(\text{CO})^2}{(\text{C}) \times (\text{CO}_2)} = \text{Heterogénea}$

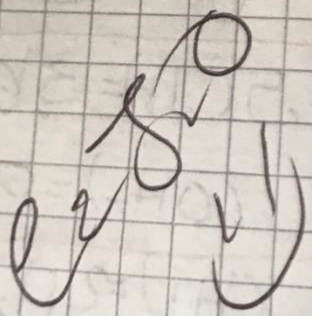
4) $K_c = \frac{(\text{C}_6\text{H}_5\text{CO}_6) \times (\text{H})}{(\text{C}_6\text{H}_5\text{COH})} = \text{Homogénea}$

$(N_2) \cdot (3H)^3$

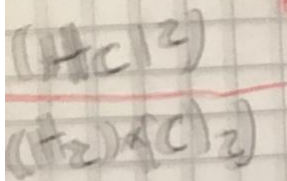
$$1 + 5^4 = 1,1$$

$$\frac{(1,1^2)}{(3,1)(5)^3} = \frac{1,21}{3,1 \times 125} = \frac{1,21}{387,5}$$

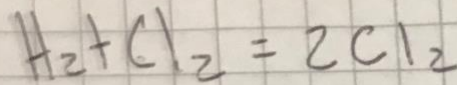
~~1,21~~



0,0031



Esercizio



$$K = \frac{(0,050)^2}{(3,08) \times (0,058)}$$

$$K = \frac{0,0025}{(3,08) \times (0,058)}$$

$$K = \frac{0,0025}{0,1789} = 0,013$$