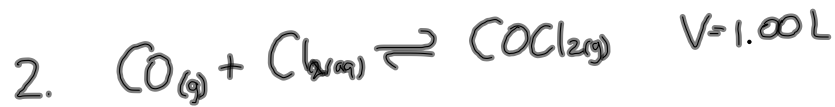
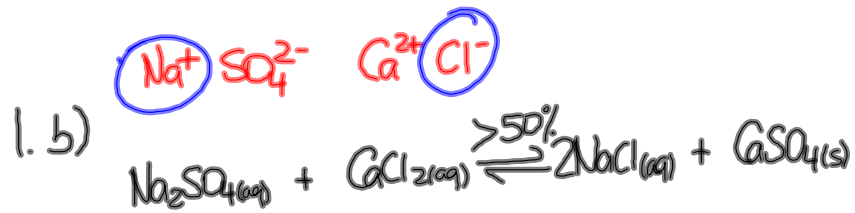


Homework - Worksheet



init.	x5	1.5 mol		$C = \frac{n}{V}$
eqn.	1.5 mol	0.70 mol	0.80 mol	
	1.5 mol/L	0.70 mol/L	0.80 mol/L	

$\% \text{ rxn} = \frac{\text{exp.}}{\text{theor.}} \times 100\%$
 $\% \text{ rxn} = \frac{0.80 \text{ mol}}{1.5 \text{ mol}} \times 100\%$

$\% \text{ rxn} = 53\%$

Cl_2 is L.R.

$$1.5 \text{ mol Cl}_2 \times \frac{1 \text{ mol COCl}_2}{1 \text{ mol Cl}_2} = 1.5 \text{ mol COCl}_2$$



$$K = \frac{[\text{COCl}_2(g)]}{[\text{CO}(g)][\text{Cl}_2(g)]}$$

c) $K = \frac{[0.80]}{[1.5][0.70]}$

$K = 0.65$

Worksheet

EXERCISE #7, 8 p. 557
#9, 10 p. 558