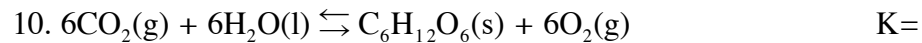
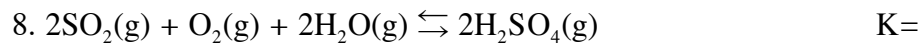
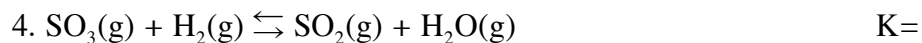


Name _____

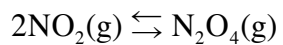
Period _____

Equilibrium Constant Practice

Write the equilibrium constant expression for the following reactions:



Calculate the equilibrium constants for the following reactions:



K=

Experiment	[NO ₂]	[N ₂ O ₄]
1.	0.052	0.595
2.	0.024	0.127
3.	0.068	1.02

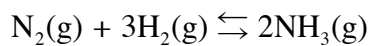
Show work here

Show answers here

$$K_1 = \quad =$$

$$K_2 = \quad =$$

$$K_3 = \quad =$$



K=

Experiment	[N ₂]	[H ₂]	[NH ₃]
1.	0.921	0.763	0.157
2.	0.399	1.177	0.203
3.	2.59	2.77	1.82

Show work here

Show answers here

$$K_1 = \quad =$$

$$K_2 = \quad =$$

$$K_3 = \quad =$$