

Equilibrium Notes: Fun with K Values

First Reaction:	A	+	B	\rightleftharpoons	C	+	D
Trial #1 Eq Conc:	1.0 M		1.0 M		2.0 M		2.0 M
Trial #2 Eq Conc.	3.0 M		2.0 M		4.0 M		6.0 M

$$K_1 =$$

Second Reaction:	C	+	D	\rightleftharpoons	E	+	F
Trial #1 Eq Conc:	1.0 M		3.0 M		5.0 M		6.0 M
Trial #2 Eq Conc.	3.0 M		3.0 M		15 M		6.0 M

$$K_2 =$$

What about this similar reaction?



$$K = ?$$