Le-chatelier's Principle

Name- _____ Class- _____-

For the following reaction, write how each of the changes will affect the indicated quantity, assuming a container of fixed size. Write "increase", "decrease" or no change. For a chemical added or removed, write how it would respond AFTER the addition or removal.

$H_2(g) + Br_2(g) \rightleftharpoons 2HBr(g)$. $\Delta H^o = -103.7kJ$

Change	$[H_2]$	$[Br_2]$	[HBr]	K value
Some H_2 is added				
Some HBr is added				
Some H_2 is removed				
Some HBr is removed				
The temperature is increased				
The temperature is reduced				
Pressure is increased and the container volume decreased				