

## 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.



Change	[H <sub>2</sub> ]	[Br <sub>2</sub> ]	[HBr]	K value
Some H <sub>2</sub> is added				
Some HBr is added				
Some H <sub>2</sub> is removed				
Some HBr is removed				
The temperature is increased				
The temperature is reduced				
Pressure is increased and the container volume decreased				