

Practice Shifting Equilibrium Problems

Name _____

Per _____

1-16: For each of the following systems, tell whether the reaction will shift to the left (reactant side), right (product side), or will experience no shift. State your reasoning. In each case, all reactants and products are gases.



- a) pressure is decreased
- b) temperature is raised
- c) D is removed from the system



- a) pressure is increased
- b) temperature is lowered
- c) D is added to the system



- a) pressure is increased
- b) temperature is lowered
- c) C is added to the system



- a) pressure is decreased
- b) temperature is raised



- a) pressure is increased
- b) temperature is raised
- c) A is added to the system



- a) pressure is decreased
- b) temperature is decreased
- c) A is added to the system



- a) pressure is decreased
- b) temperature is decreased
- c) B is removed



- a) pressure is increased
- b) temperature is raised
- c) volume of the container is increased



- a) pressure is increased
- b) temperature is lowered
- c) volume of the container is increased



- a) B is added to the system
- b) temperature is raised
- c) volume of the container is increased



- a) volume of the container is increased
- b) the system is heated



- The reaction is endothermic
- a) pressure is reduced
 - b) the system is cooled



- The reaction is exothermic
- a) pressure is decreased
 - b) heat is removed from the system
 - c) C is removed from the system



- The system is exothermic
- a) volume of the container is increased
 - b) heat is added to the system



- The system is exothermic
- a) pressure is lowered
 - b) temperature is lowered



- The system is endothermic
- a) pressure is increased
 - b) temperature is lowered
 - c) B is added to the system

Equilibrium Shift Practice Problems

Siddappa N.Byrareddy



Equilibrium Shift Practice Problems:

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regulate their output using the method called pulse width modulation pwm

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web feb 25 2021 fig block diagram of smps the working of smps is clearly explained in the above block diagram and each block is explained properly in the following section input section the input supply of our

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as well as when it is not the diode carries the current during the off period of the transistor therefore energy flows into the load during both the periods

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web the figure given below represents the functional block diagram of smps initially the unregulated ac input signal from the source is provided to the input rectifier and filter circuit here the ac input signal is rectified to generate a dc signal and further smoothed to remove high frequency noise component from it

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