|  |
| --- |
| Things to look for BEFORE answering an equilibrium Q |
| **Stressor** | **Question** | **What does it tell us?** |
| **Increase or decrease  [ ] products or reactants** | **Which phase?** | * **Gas, aqueous - change things**
* **Solid, Liquid – DON’T CHANGE ANYTHING!**
 |
| **Increase or decrease T** | **Endo or exo?** | * **Endo = absorbed, so it is a REACTANT**
* **Exo = released, so it is a PRODUCT**
 |
| **Increase or decrease total Pressure***(Same as ∆ in V or # of moles of gas)* | **How many moles of GAS are on each side of the equation?** | * **Increase pressure = move to side with FEWER moles of gas**
* **Decrease pressure = move to side with MORE moles of gas**
 |

|  |
| --- |
| Things to look for BEFORE answering an equilibrium Q |
| **Stressor** | **Question** | **What does it tell us?** |
| **Increase or decrease  [ ] products or reactants** | **Which phase?** | * **Gas, aqueous - change things**
* **Solid, Liquid – DON’T CHANGE ANYTHING!**
 |
| **Increase or decrease T** | **Endo or exo?** | * **Endo = absorbed, so it is a REACTANT**
* **Exo = released, so it is a PRODUCT**
 |
| **Increase or decrease total Pressure***(Same as ∆ in V or # of moles of gas)* | **How many moles of GAS are on each side of the equation?** | * **Increase pressure = move to side with FEWER moles of gas**
* **Decrease pressure = move to side with MORE moles of gas**
 |

|  |
| --- |
| Things to look for BEFORE answering an equilibrium Q |
| **Stressor** | **Question** | **What does it tell us?** |
| **Increase or decrease  [ ] products or reactants** | **Which phase?** | * **Gas, aqueous - change things**
* **Solid, Liquid – DON’T CHANGE ANYTHING!**
 |
| **Increase or decrease T** | **Endo or exo?** | * **Endo = absorbed, so it is a REACTANT**
* **Exo = released, so it is a PRODUCT**
 |
| **Increase or decrease total Pressure***(Same as ∆ in V or # of moles of gas)* | **How many moles of GAS are on each side of the equation?** | * **Increase pressure = move to side with FEWER moles of gas**
* **Decrease pressure = move to side with MORE moles of gas**
 |

|  |
| --- |
| Things to look for BEFORE answering an equilibrium Q |
| **Stressor** | **Question** | **What does it tell us?** |
| **Increase or decrease  [ ] products or reactants** | **Which phase?** | * **Gas, aqueous - change things**
* **Solid, Liquid – DON’T CHANGE ANYTHING!**
 |
| **Increase or decrease T** | **Endo or exo?** | * **Endo = absorbed, so it is a REACTANT**
* **Exo = released, so it is a PRODUCT**
 |
| **Increase or decrease total Pressure***(Same as ∆ in V or # of moles of gas)* | **How many moles of GAS are on each side of the equation?** | * **Increase pressure = move to side with FEWER moles of gas**
* **Decrease pressure = move to side with MORE moles of gas**
 |

|  |
| --- |
| Things to look for BEFORE answering an equilibrium Q |
| **Stressor** | **Question** | **What does it tell us?** |
| **Increase or decrease  [ ] products or reactants** | **Which phase?** | * **Gas, aqueous - change things**
* **Solid, Liquid – DON’T CHANGE ANYTHING!**
 |
| **Increase or decrease T** | **Endo or exo?** | * **Endo = absorbed, so it is a REACTANT**
* **Exo = released, so it is a PRODUCT**
 |
| **Increase or decrease total Pressure***(Same as ∆ in V or # of moles of gas)* | **How many moles of GAS are on each side of the equation?** | * **Increase pressure = move to side with FEWER moles of gas**
* **Decrease pressure = move to side with MORE moles of gas**
 |

|  |
| --- |
| Things to look for BEFORE answering an equilibrium Q |
| **Stressor** | **Question** | **What does it tell us?** |
| **Increase or decrease  [ ] products or reactants** | **Which phase?** | * **Gas, aqueous - change things**
* **Solid, Liquid – DON’T CHANGE ANYTHING!**
 |
| **Increase or decrease T** | **Endo or exo?** | * **Endo = absorbed, so it is a REACTANT**
* **Exo = released, so it is a PRODUCT**
 |
| **Increase or decrease total Pressure***(Same as ∆ in V or # of moles of gas)* | **How many moles of GAS are on each side of the equation?** | * **Increase pressure = move to side with FEWER moles of gas**
* **Decrease pressure = move to side with MORE moles of gas**
 |