|  |  |  |
| --- | --- | --- |
| 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** |