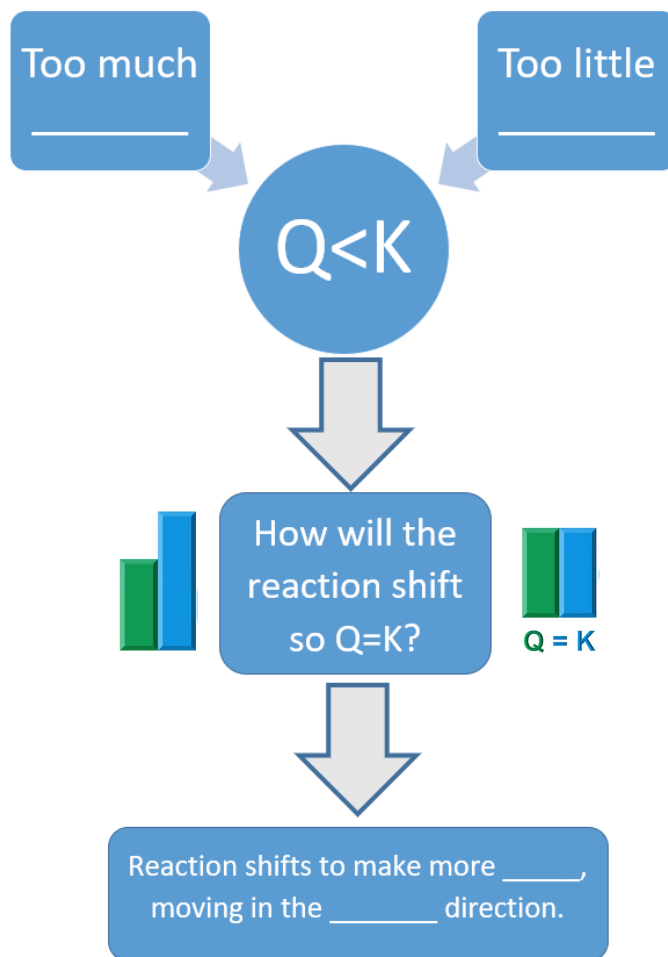
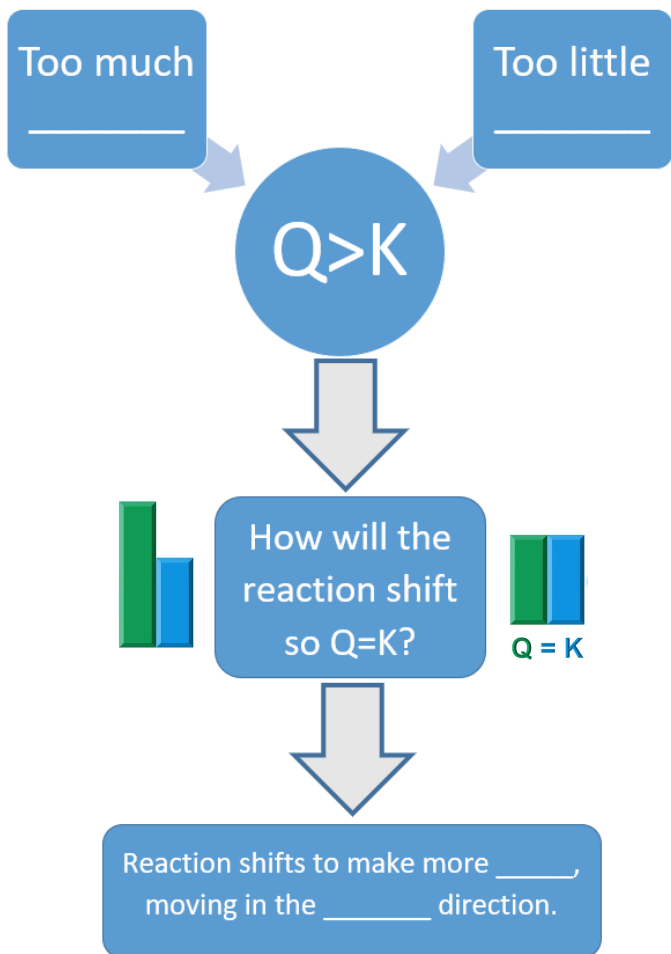


AP Chemistry Daily Videos

7.10 Reaction Quotient and Le Châtelier's Principle

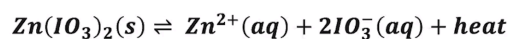
Video #1

1. What is the only stress that leads to a new K?
2. Complete the chart using the following terms: reactants, products, forward, and reverse.



Video #2

1. Evaluate how well you did on this problem and identify any errors.



Will the mass of $\text{Zn}(\text{IO}_3)_2(\text{s})$ increase or decrease in response to the following stresses? Justify your answer using the reaction quotient, Q , where reasonable

- (a) Solid, soluble KIO_3 is added.
- (b) PO_4^{3-} ion was added, forming a precipitate of $\text{Zn}_3(\text{PO}_4)_2(\text{s})$
- (c) Temperature is increased.

Which of the stresses listed above will change the value of the equilibrium constant, K ?