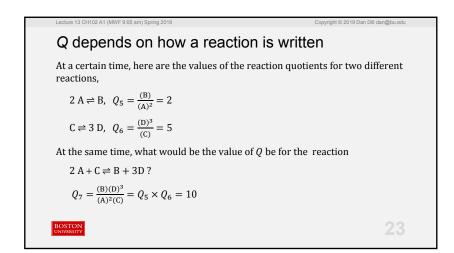


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Q depends on how a reaction is written

At a certain time, the value of the reaction quotient for the reaction $2 A + B \rightleftharpoons 2 C$ is $Q_1 = 4.0$.

At the same time, what would be the value of Q be for the reaction $2 C \rightleftharpoons 2 A + B$? $Q_2 = \frac{(A)^2(B)}{(C)^2} = \frac{1}{Q_1} = 0.25$



Lecture 13 CH102 A1 (MWF 9:05 am) Spring 2019

[TP] The value of the equilibrium constant for the reaction $2 A + B \rightleftharpoons C$ is K = 10. The value of the equilibrium constant for the reaction $6 A + 3 B \rightleftharpoons 3 C$ is ...

0% 1. 10

0% 2. 30

0% 3. 100

0% 4. 1000

0% 5. None of the above

