

EQUILIBRIUM EXPRESSIONS

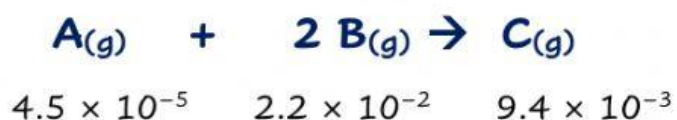
Q1 : Choose the correct answer :

For the reaction $2A + B \rightarrow 2C$ the appropriate form for the equilibrium constant expression is :

- a. $\frac{[A][B]^2}{[C]}$ b. $\frac{[A]^2 [B]}{[C]^2}$
- c. $\frac{[C]^2}{[A]^2 [B]}$ d. $[A] [B]^2 [C]$

Q2 : Choose the correct answer :

For the following hypothetical equilibrium, what is the value of the equilibrium constant if the concentrations at equilibrium are as shown?



- a. 0.22 b. 9.9 c. 4.3×10^5 d. 2.3×10^8