

Equilibrium Constant

Apprentice Difficulty Level: Question Groups 1-4

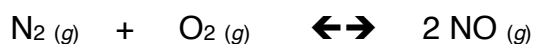
Master Difficulty Level: Question Groups 1-8

Wizard Difficulty Level: Question Groups 5-12

Question Group 1

Question 1

Identify the equilibrium constant equation that is consistent with the given reaction.



Question 2

Identify the equilibrium constant equation that is consistent with the given reaction.



Question Group 2

Question 3

Identify the equilibrium constant equation that is consistent with the given reaction.



Question 4

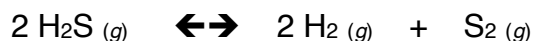
Identify the equilibrium constant equation that is consistent with the given reaction.



Question Group 3

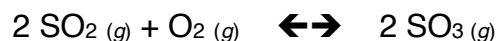
Question 5

Identify the equilibrium constant equation that is consistent with the given reaction.

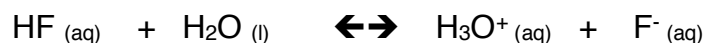


Question 6

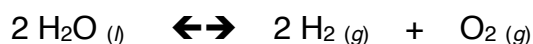
Identify the equilibrium constant equation that is consistent with the given reaction.

**Question Group 4****Question 7**

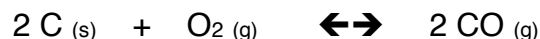
Identify the equilibrium constant equation that is consistent with the given reaction.

**Question 8**

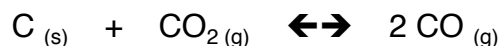
Identify the equilibrium constant equation that is consistent with the given reaction.

**Question Group 5****Question 9**

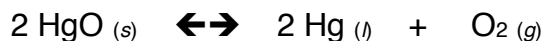
Identify the equilibrium constant equation that is consistent with the given reaction.

**Question 10**

Identify the equilibrium constant equation that is consistent with the given reaction.

**Question Group 6****Question 11**

Identify the equilibrium constant equation that is consistent with the given reaction.

**Question 12**

Identify the equilibrium constant equation that is consistent with the given reaction.



Question Group 7

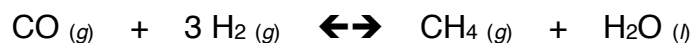
Question 13

Identify the equilibrium constant equation that is consistent with the given reaction.



Question 14

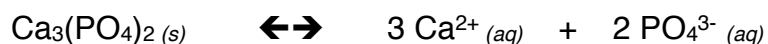
Identify the equilibrium constant equation that is consistent with the given reaction.



Question Group 8

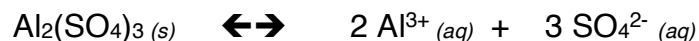
Question 15

Identify the equilibrium constant equation that is consistent with the given reaction.



Question 16

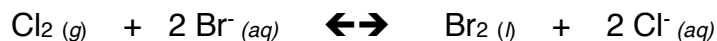
Identify the equilibrium constant equation that is consistent with the given reaction.



Question Group 9

Question 17

Identify the equilibrium constant equation that is consistent with the given reaction.



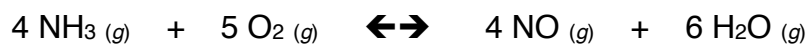
Question 18

Identify the equilibrium constant equation that is consistent with the given reaction.



Question Group 10**Question 19**

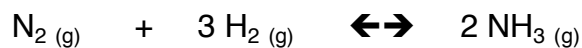
Identify the equilibrium constant equation that is consistent with the given reaction.

**Question 20**

Identify the equilibrium constant equation that is consistent with the given reaction.

**Question Group 11****Question 21**

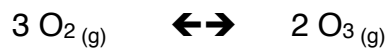
Identify the equilibrium constant equation that is consistent with the given reaction.

**Question 22**

Identify the equilibrium constant equation that is consistent with the given reaction.

**Question Group 12****Question 23**

Identify the equilibrium constant equation that is consistent with the given reaction.

**Question 24**

Identify the equilibrium constant equation that is consistent with the given reaction.

