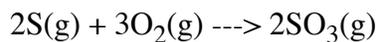


During Class Invention

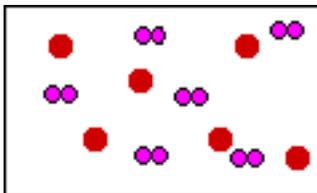
Name(s) with Lab section in Group

Introduction to Stoichiometry

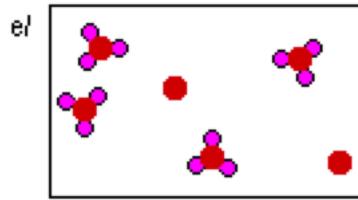
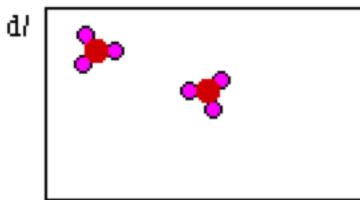
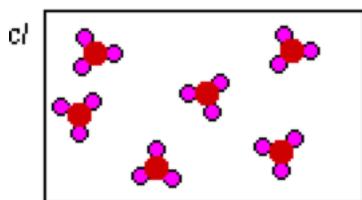
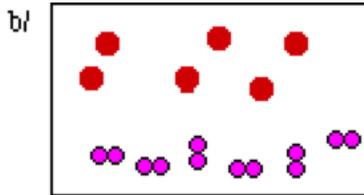
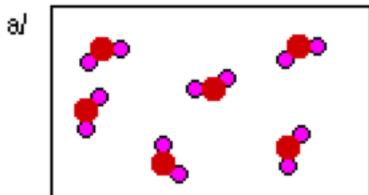
1. The equation for the reaction is



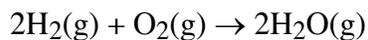
Consider a mixture of sulfur atoms and dioxygen molecules in a closed container below:



For each of the following explain why the representation is correct or incorrect.

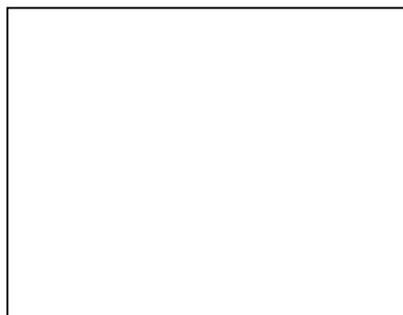
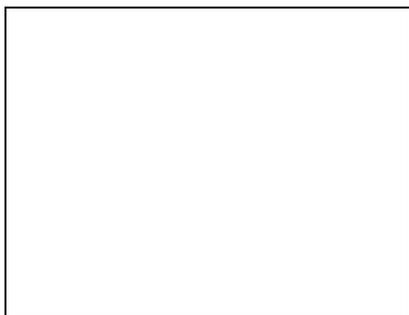


2. The reaction between hydrogen and oxygen to form water is shown below

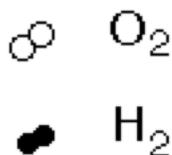
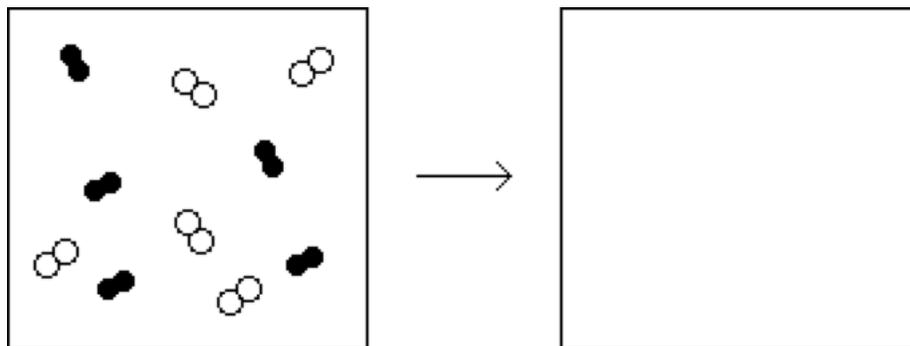


a) In the container below draw a mixture of the reactants before any reaction has occurred.

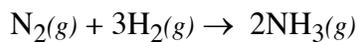
b) In the container below draw the mixture after the reaction has occurred as described by the equation above.



- c) In the left most container below is a mixture of H₂ and O₂ molecules. In the container on the right, below draw what the contents of the container would be after the reaction takes place.



3. In the container below labeled Products are the contents after the reaction described by the chemical equation,



has occurred. In the Reactants container, draw and label the contents before the reaction occurs.

