

## Defining stoichiometry

### Activity 1

Interpret the following balanced chemical equations in terms of particles, moles, and mass. Show that the law of conservation of mass is observed.



Particle  
relationship








Mole  
relationship



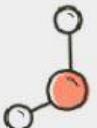


Mass  
relationship





Mass of  
reactants and  
products

### Activity 2

Write all possible mole ratio for the reaction :


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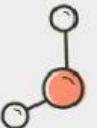

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