Worksheet 1

Name Class Date

Students only need one set of instructions – but multiple sets are included to reduce printing costs.

Equilibrium role-play

You are going to work in a large group to develop a role-play activity about equilibria. Each student should represent a particle. The reaction you are going to role-play is:

ammonium chloride  ammonia  hydrogen chloride

What your role-play should demonstrate

Your role-play should show:

* what happens in a **reversible reaction**
* the difference between an **open system** and a **closed system**
* what happens at equilibrium
* what it means if this equilibrium lies to the left or to the right.

What will happen

You have a few minutes to plan and practise your role-play and then you will perform it. You should explain what is happening to those watching during the role-play.

After your role-play

Once you have completed your role-play, you should write an explanation of what you did and how it demonstrated the four key points listed above.

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