

CHEMISTRY TRANSITION WORK

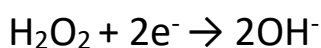
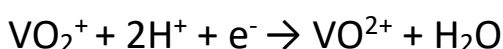
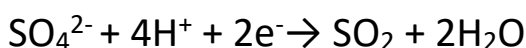
Name: _____

Equations to Learn

You need learn each of the following equations so that you can recall them from memory. This means that when we reach this topic in year 12 you will already have learnt the equation (something that hinders some people through the course). I want to see evidence of these having been practiced and learnt and you will have tests without any notice to make sure you have learnt them.

Physical Chemistry:

1. Redox Equations

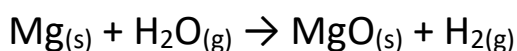


Inorganic Chemistry:

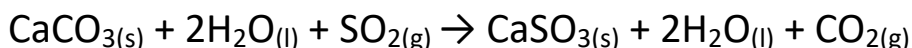
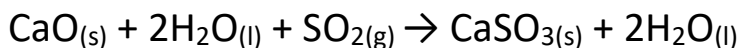
2. Group 2 and water (eg Mg)



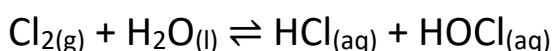
3. Group 2 and steam (Mg only)



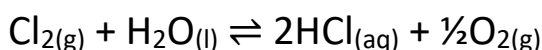
4. Removal of sulfur dioxide



5. Chlorine in water



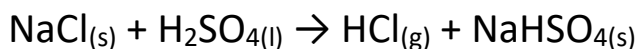
6. Chlorine in water (in sunlight)



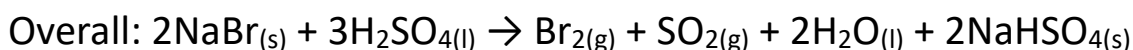
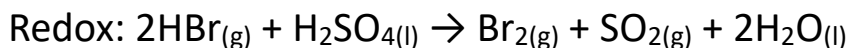
7. Chlorine in sodium hydroxide



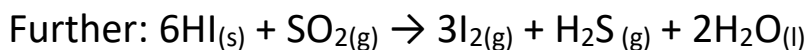
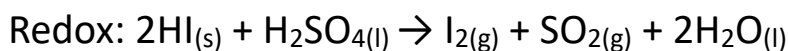
8. Sodium chloride and sulfuric acid



9. Sodium bromide and sulfuric acid



10. Sodium iodide and sulfuric acid

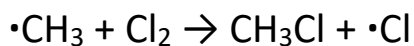
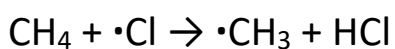


Organic Chemistry:

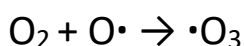
11. Formation of chlorine free radicals (with UV light)



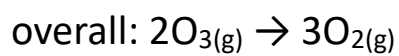
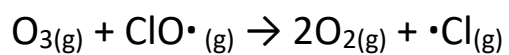
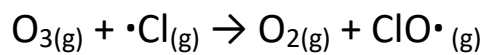
12. Formation of a halogenoalkane from an alkane



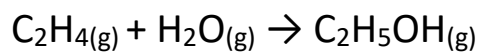
13. Formation of ozone layer



14. Destruction of ozone layer



15. Ethanol from ethene



16. Ethanol from glucose

