Name	Regents Chemistry
Writing and Balancing Equations	
Directions: Write balanced chemical equations for each	of the following.
1. Ozone gas is a form of elemental oxygen containing molecules watmospheric oxygen gas, 0_2 , by the high-energy outbursts found in lof ozone gas from oxygen gas.	
2. When steel wool(iron) is heated in pure oxygen gas the steel woo and iron(III)oxide. Write separate equations for each reaction.	ol bursts into flame and a fine powder consisting of iron(II)oxide
3. A common experiment in introductory chemistry involves heating results in the formation of oxygen gas and solid potassium chlorides.	
4. Placing a piece of sodium metal in water will cause a violent rear and hydrogen gas.	ction resulting in the formation of aqueous sodium hydroxide
5. If ordinary gasoline (C_8H_{18}) is mixed with pure oxygen gas, and	ignited it will produce carbon dioxide gas and water vapor.
6. Although they were formerly called the inert gases, the heavier example, at high temperatures in the presence of an appropriate cata produce solid xenon tetrafluoride.	