



## Quiz 4 Metal Reactivity

Quiz set by Ms. T. wint for Year 10/10Y/Sc3

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1) Some metals react with acids, the products are...

- salt and hydrogen
- alkali and oxygen

2) The test for a particular gas is a squeaky pop. This gas is...

- hydrogen
- helium
- nitrogen
- oxygen

3) Which of the following metals will not burn in oxygen to form a metal oxide?

- gold
- calcium
- zinc
- iron

4) Which metal will react vigorously with dilute acid?

- magnesium
- zinc
- iron
- copper

5) What is the state symbol for aqueous solutions?

- (aqu)

- (a)
- (sol)
- (aq)

**6) When sodium reacts with hydrochloric acid, which gas is produced?**

- hydrogen
- carbon dioxide
- oxygen

**7) What are the products when calcium reacts with nitric acid?**

- Calcium oxide and carbon dioxide
- Calcium chloride and hydrogen
- copper nitrate and hydrogen
- Calcium nitrate and hydrogen

**8) A metal that can be used for making water pipes is...**

- lithium
- copper
- iron

**9) Group 1 metals are very reactive with water**

- True
- False

**10) When potassium reacts with water, Hydrogen is produced and**

- Copper Sulfate
- Potassium Oxide
- Potassium Sulfate
- Potassium Hydroxide



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