86 Metals and their Uses- Revision Worksheet	Write the word equation for the	Complete the table of different reactions below:				
List four physical properties of a typical metal . 1. 2. 3. 4.	rusting of iron.	Metal	Reaction with oxygen	Reaction with cold water	Reaction with dilute acid	
Explain why copper is used in water pipes.	Explain how you can protect metals from corrosion .	Potassium				
		Sodium				
Write the word equation for when iron and sulfur are reacted together. Label the reactants and the products .						
	Explain why potassium is not used in the building industry.	Calcium				
		Magnesium				
Describe what a catalyst is.	Complete the following word equations: Sodium + water \rightarrow	Aluminium				
	Lithium + water →	Zinc				
Explain the role of metals in catalytic converters .	Potassium + water →					
	Describe the test to show that a gas given off is hydrogen .	Tin		_		
Compare and contrast corrosion and rusting.		Lead	-			
	Describe what the reactivity series is.	Copper				
		Mercury				
Write a word and symbol equation for the corrosion of aluminium .	Define the following key words:			_		
+ →	Accuracy					
+ →	Reliability	Platinum				

Describe what you would see when a met	al reacts with	an <mark>acid</mark> .	Rate the following on how well you think you can do them
Write the general word equation for me with acids .	tals reacting	Describe how to obtain the salt after reacting metals and acids .	I can
Complete the following word equations :			 Describe some common properties and uses of metals.
Sodium + hydrochloric acid →			 Write word equations for the reactions of metals and non- metals.
Iron + sulfuric acid \rightarrow			Describe what a catalyst is and some uses of catalysts.
Magnesium + nitric acid \rightarrow			Describe what happens during corrosion and rusting.
Write out the symbol equation for the f	ollowing]	Explain how metals can be protected from corrosion.
reaction:			Identify the products and reactants using a symbol equation.
Iron + hydrochloric acid \rightarrow iron chloride \cdot	+ hydrogen		 Describe substances accurately using adjectives.
			Identify and explain adjectives used in science.
Define the word ' alloy '.	Draw diagrams to represent a pure metal and an alloy :		Describe the reactions of metals with water.
		and an ancy .	Place the metals in order of reactivity.
			Write word and symbol equations for reactions.
Explain the advantages of using the alloy duralumin in building aircraft.			Explain what is meant by accurate data.
			 Identify data that is, or is not, reliable, repeatable or reproducible.
	 Pu	ure metal	Explain how to improve the quality of data collected during an investigation.
Compare and contrast the melting/ boiling points of alloys and pure			Describe the reactions of metals with acids.
metals.			Explain what alloys are and why they are used.
			Use models to explain the properties of alloys.
			Identify pure substances by their melting points and boiling points.
		Alloy	