7H Atoms, Elements & Molecules Revision Worksheet	Describe one way in which we can save the	State the name and State the name and
Define the following key terms:	Earth's resources.	symbol of 3 metals: symbol of 3 non-
Atom		1. metals:
Element	<u>Spider-diagram</u> elements that make up the Earth's crust:	2. 2. 3.
Molecule		3.
Mixture	Earth's	<u>Describe</u> why mercury is so unique for a metal .
Pure	Crust	
Particle		<u>Colour</u> the metals and non-metals on the periodic table below:
<u>Draw</u> examples of the following:		Periodic Table of the Elements
Atoms of an element A mixture of 3 elements	Suggest the properties of copper that make it useful for making saucepans. State for making saucepans. State two ways in which carbon can be found: 1. 2. Describe the general properties of metals.	Describe what changes you might see when a compound is formed.
A compound Molecules of an element		
<u>Describe</u> what an element's chemical symbol is.	<u>Describe</u> how the properties of non-metals are different to those of metals .	<u>Explain</u> what happens when iron and sulfur are heated together.
<u>Describe</u> what an element's properties are and <u>explain</u> how they are determined.		
		Describe how to separate iron and sulfur.

<u>Describe</u> the different a	ppearances (of iron, sulfur and iron sulfide	Rate the following on how well you think you can do them
State the names of the c formed when the followin react: Copper and sulfur: Tin and oxygen: Sulfur and lead: Sulfur and lead: State he word equation hot copper metal reacts chlorine gas to form solid copper chloride. Label th reactants and the product	for when with green e cts.	Describe what a chemical reaction is. . State three criteria for knowing a chemical reaction has happened. • . •	 I can Draw, use and interpret tables, bar charts, pie charts and scatter graphs. Identify the best way to present different types of data. Recognise the difference between atoms and molecules. Identify elements, mixtures and compounds from descriptions and particle diagrams. Use chemical symbols for common elements and explain why they are an international code. Recall that different elements have different properties and uses. Explain that our resources of elements are limited and can run
State the elements that are found in calcium carbonate. calcium carbonate.	thermal de Copper carl	ne following word equations for the composition of metal carbonates: ponate → + → calcium oxide + carbon dioxide ome problems with using different	 out. Describe and identify metals and non-metals by their properties. Relate the use of an element to its properties. Identify and explain the difference between fact and opinion. Understand why facts and opinions are used to persuade. Describe changes you might see when compounds are formed. Name simple compounds. Use and understand word equations for chemical reactions. Describe examples and uses of decomposition reactions.