Matter Quiz

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Match the following definitions (12 marks)
	1. Matter \_\_\_\_\_ A mixture of metals
	2. Physical Change \_\_\_\_\_ iron reacts with oxygen to produce this
	3. Chemical Change \_\_\_\_\_ Anything that has mass and takes up

 space

* 1. Corrosion \_\_\_\_\_ compounds containing carbon and

 hydrogen

* 1. Rust \_\_\_\_\_ the substance involved stays the same

* 1. Alloy \_\_\_\_\_ horizontal rows on the periodic table
	2. Combustion \_\_\_\_\_ vertical columns on the periodic table
	3. Hydrocarbon \_\_\_\_\_ a poisonous gas that is harmful to the

 environment

* 1. Carbon Monoxide \_\_\_\_\_ the substance involved is changed into

 another substance with different

 properties

* 1. Mendeleev \_\_\_\_\_ a metal reacts with oxygen from the air
	2. Group \_\_\_\_\_ a substance reacts rapidly with oxygen

 and releases energy

* 1. Period \_\_\_\_\_ credited with the creation of the periodic

 table

1. Match each of the following words with their description: (9 marks)
	1. Ductility \_\_\_\_\_ Thick flow of liquid
	2. Solid \_\_\_\_\_ A can is bent when squeezed
	3. Melting Point \_\_\_\_\_ How shiny or dull a substance is
	4. Solubility \_\_\_\_\_ Copper can be stretched into wires
	5. Density \_\_\_\_\_ Takes the shape of its container and has a

 fixed volume

* 1. Malleability \_\_\_\_\_ The ability to dissolve salt in water
	2. Viscosity \_\_\_\_\_ The amount of matter per unit volume
	3. Lustre \_\_\_\_\_ It holds its shape and has a fixed volume

* 1. Liquid \_\_\_\_\_ The temperature at which a solid changes to a

 liquid

1. For each of the following state whether it is describing a Physical Change or a Chemical Change (8 marks)
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_ Burning a log in the fire
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_ Slicing a cucumber
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_ Dissolving a sugar cube in water
	4. \_\_\_\_\_\_\_\_\_\_\_\_\_ Cooking a hot dog
	5. \_\_\_\_\_\_\_\_\_\_\_\_\_ Your ice cream melts in the sun
	6. \_\_\_\_\_\_\_\_\_\_\_\_\_ Bleaching your shirt to remove a stain
	7. \_\_\_\_\_\_\_\_\_\_\_\_\_ Some meat rots in the fridge
	8. \_\_\_\_\_\_\_\_\_\_\_\_\_ The puddle in your yard freezes overnight
2. Label the following on the blank periodic table below (7 marks):
	1. Metals
	2. Nonmetals
	3. Group of One (Hydrogen)
	4. Alkali metals
	5. Alkaline Earth Metals
	6. Halogens
	7. Noble Gases



Total: 36 marks