Date:____

Chemical and Physical Properties

State whether each of the following is a physical property or a chemical property, and type of property.

	Description	Physical/ Chemical	Туре
1.	The sulphur is yellow.	Physical	Colour
2.	Iron reacts with sulphur to give heat and a flame.	Chemical	Combustibility; Reaction
3.	Baking soda with acid produces bubbles of gas.	Chemical	Reaction with acid
4.	Metal can be rolled into flat sheets.	Physical	Malleability
	Oxygen is colourless, odourless and tasteless.	Physical	Colour, odour, taste
5.	Nitrogen dioxide gas has a choking smell.	Physical	Odour
	Helium is less dense than air, so a helium balloon floats.	Physical	Density
3.	Wax candle burns in oxygen.	Chemical	Combustibility
be.	An apple rots due to fungi.	Chemical	Reaction
0.	Mercury metal is a liquid.	Physical	State
1.	lodine gas is purple.	Physical	Colour
2.	Hydrofluoric acid is poisonous.	Chemical	Reaction
3.	Gold is a shiny metal.	Physical	Lustre
4.	Cesium is the only other gold-coloured metal.	Physical	Colour
15.	Potassium burns with a purple flame to make a white powder.	Chemical	Combustility
16.	Copper nitrate is a blue crystal.	Physical	Colour, crystal form
17.	Two colourless solutions mix to give a yellow solid precipitate.	Chemical	Reaction
18.	Copper can be stretched into a thin wire.	Physical	Ductility
9.	Copper metal reacts with nitric acid to make a brown gas.	Chemical	Reaction with acid
20.	Salt, sodium chloride, is a white crystal that melts at 801 °C.	Physical	Colour, crystal form, melting point

Physical Properties Of Matter Answer Key

Mike Jess

Physical Properties Of Matter Answer Key:

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