

Name: _____

Class Period: _____

Unit 2 Study Guide

1	Is melting a physical or chemical change?	
2	Is crushing something a physical or chemical change?	
3	Is mixing things together a physical or chemical change?	
4	Is oxidation a physical or chemical change?	
5	Is cooking a physical or chemical change?	
6	Is the ability to tarnish a physical or chemical property?	
7	Is the ability to react with water a physical or chemical property?	
8	Is hardness a physical or chemical property?	
9	Is burning a physical or chemical change?	
10	Is cutting something in half a physical or chemical change?	
11	List six <i>indicators</i> that give you a hint that a chemical change might be occurring. (these hints do not ALWAYS mean a chemical change happened, but they usually do)	
12	What is the main difference between a chemical and a physical change?	

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13	Which type of change is easily reversed? (chemical or physical)	
14	What is an element?	
15	What is an atom?	
16	What is a compound?	
17	What has to happen to break a compound down into another substance?	
18	Can an element be broken down into another substance? Why or why not?	
19	Is Carbon Dioxide an element or compound?	
20	Write the formula for carbon dioxide and draw the molecule.	
21	Is water an element or a compound?	
22	Write the formula for water and draw the molecule.	
23	Is He an element or a compound? How do you know?	
24	Is Ag an element or compound? How do you know?	
25	Is HCl an element or compound? How do you know?	
26	What is AgNO_3 ? (an element or compound) How do you know?	
27	If you see two letters in a formula how do you tell if it's a compound or an element?	

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28	How many elements are there in N_2H_4 ? name the elements	
29	How many elements are there in CuO_3 ? name the elements	
30	How many elements are there in O_2	
31	What can we tell about an element by its position on the periodic table?	
32	What information can be found in an element cube?	
33	What is a period on the periodic table?	
34	How are elements in the same period similar?	
35	What is a family or group on the periodic table?	
36	How are elements in the same family or group similar?	
37	Is the periodic table organized by solids, liquids and gasses?	
38	What are properties of Metals?	
39	What are properties of Non-Metals?	
40	What is to the right of the zig zag line on the periodic table?	
41	What is to the left of the zig zag line on the periodic table?	