

	a. Heterogenous mixture	
	b. element	
	c. Homogeneous mixtured. Compound	
	Finely filtered coffee	lime jello
	A cream filled donut	trail mix
	A tall, cool glass of water	a blended smoothie
	A pre-1982 penny	ketchup
	8. Give two examples of a physical cl	nange and two examples of a chemical
	change. Explain why the example	(Subsance isn't actualy different
	melting, charging shape	, chang in Size, Freezing
		nothing new-cont go back.
	rusting, burning, der	omposing, reaching
	What do the Roman Numerals in a	chemical name tell you? Why don't all
	names have a Roman Numeral in t	have more than one charge.
	Then the carion can	vare more read and say
	not are there	bic not all need them.
	10. If you are writing the ions that ma	ke up a balanced compound, what is the
	reduced?	to you that the compound may have been
	if the charge on	the anion is wrong.
	ex. SnO2 => Sn2+	0 50 Sn" 02 > Jn2 4
4		To has 2 charge Sol
	11. A box has a volume capacity of 0.0	13 m ³ . What is this volume in mL?
	0.013 m3 (100 cm)	-/13000 ML)
12. How can you tell if a compound requires the use of prefixes in the name?		
-	if it is coval	ent. ex H20
	non-metal w/	a non-metal. Lihydropen dihydropen monoxid

7. Indicate what category each of the following substances would be placed

into: