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- 10. Water is not much like either hydrogen or oxygen; it is a totally different material, created when hydrogen and oxygen combine _____ a. chemically c. excitedly
 - b. radically d. mechanically

Multiple Cl	noice	(1 Mark	Each)
Identify the l	etter of the choice that best completes the	he statem	ent or answers the question.
1.	We are prepping for our series of scient work together in a team to produce the a. perfect substance b. pure substance	C.	ocusing on Substances. Your first challenge is to
2.	Your knowledge of the		will come in handy in the next few weeks.
	a. particle theory of matterb. substances and mixtures		homogeneous mixtures heterogeneous mixtures
3.	Elements are the of them.	_ that eve	rything on earth is made of, and there are just over
	 a. building blocks, one million b. basic substances, three hundred (a not starring Gerard Butler) 		basic materials, one hundred matter, ten thousands
4.	The three main kinds of combinations a. solutions, elements, mixtures		heterogeneous, homogeneous, and compounds
	b. mixtures, solutions, and compound	ds d.	all of the above
5. A shovelful of soil might contain some top soil, some clay, maybe a little sand, a fe some really tiny microorganisms, maybe a worm, maybe some rotting plant roots, a more things. Soil is a			
	a. mixture	c.	compound
	b. solution	d.	really, really dirty
6.	Each shovelful of soil is probably a little different from the next one. Maybe one has more sand, and the other has more clay. Maybe one shovelful has two worms! Soil can be separated into its		
	parts	C.	different
	b. subtle	d.	slightly different

- 7. "A mixture is not the same from one sample to the next, and a mixture can be separated into its parts."
 - a. Strongly agree c. Slightly disagree b. Somewhat agree d. Strongly disagree
- 8. Salt water is a ______. A glassful of salt water contains both ______ and
 - a. mixture, salt, water c. compound, salt, gasoline b. solvent, air, something really funky like d. solution, salt, water
 - 9. Water is a _____
 - a. compound c. solution
 - b. mixture d. solvent

Name: _____ Class: _____ Date: _____

Substances and Mixtures: Mix THIS! Quiz #1

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 11.	"Water can be separated by a physical means. It would require very simple change to separate water back into its parts."				
	a. Somewhat true c.	Somewhat untrue			
	b. Totally false d.	Very, very true.			
 12.	. These are characteristics of:				
combined, they have the same of their elements throug					
		t by a change, and they may not be at			
	all like the elements that they werefrom	n.			
		compounds, elements, chemically,			
		proportion, separated, chemical, made			
	b. chemicals,, elements, compounds, d. proportion, separated, mechanical, made	(Oh wow. I should have studied.)			
 13.	Most solutions are liquids, but not all of them. What is an example of a solution, but is not a liquid?				
	a. cookie dough c.	a person's brain after a tough exam			
	b. jello d.	frozen lemonade			
 14. Sugar is a compound. What's its chemical composition?.					
	a. carbon, hydrogen, and oxygen c.	oxygen, hydrogen, and sodium			
	b. sugar, hydrogen, and oxygen d.	two parts carbon, hydrogen, and			
		oxygen			

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Substances and Mixtures: Mix THIS! Quiz #1 Answer Section

MULTIPLE CHOICE

- 1. ANS: D
- 2. ANS: A
- 3. ANS: C
- 4. ANS: B
- 5. ANS: A
- 6. ANS: C
- 7. ANS: A
- 8. ANS: D
- 9. ANS: A
- 10. ANS: A
- 11. ANS: B
- 12. ANS: C
- 13. ANS: B
- 14. ANS: A