Revision Sheets

Chapter 2- Foundations of Chemistry

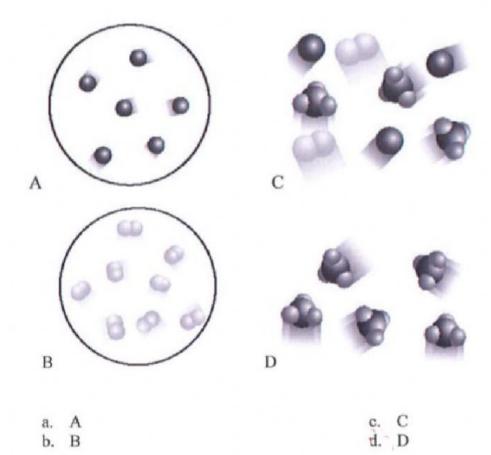
		Modified True/False whether the statement is true or false. If false, change the	identified word or phrase to make the statement true.			
	1.	. A fruit salad is a homogeneous mixture.				
	2.	. Matter is anything that has mass and takes up space.				
_	3.	. Matter that can vary in composition is a substance				
	4.	. A(n) element is two or more atoms that are held toget	her by chemical bonds and act as a unit.			
	5.	. The properties of a compound are usually the same as	the properties of the elements from which it is made.			
	6.	. A homogeneous mixture is a mixture in which the sub	estances are not evenly mixed.			
	7. Table salt is a compound of sodium and chlorine.					
	8.	. Density is an example of a size-dependent prope	sity is an example of a size-dependent property.			
	9.	9. Volume is an example of a size-dependent property. 1. The ability of a match to burn is an example of a chemical change. 1. The ability of a match to burn is an example of a chemical change.				
	10.					
	11.	A physical property is a characteristic of something that allows it to change to something new. Matter is made up of motionless particles				
	12.					
	13. The ability to react with oxygen is a physical property					
	14.	. In a physical change, the substance does not change its identity.				
		ultiple Choice he choice that best completes the statement or answers the	question.			
	15.					
		a. Liquid c. Sub b. Solution d. Sus	pension			
	16.	When two or more substances are combined so each su is a(n)	•			
		a. chemical change c. elec	nent			
		b. compound d. mix	ture			

- 17. Which of the following is a pure substance?
 - a. soda
 - b. trail mix

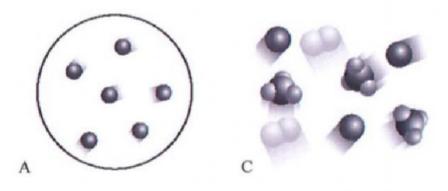
c. granite

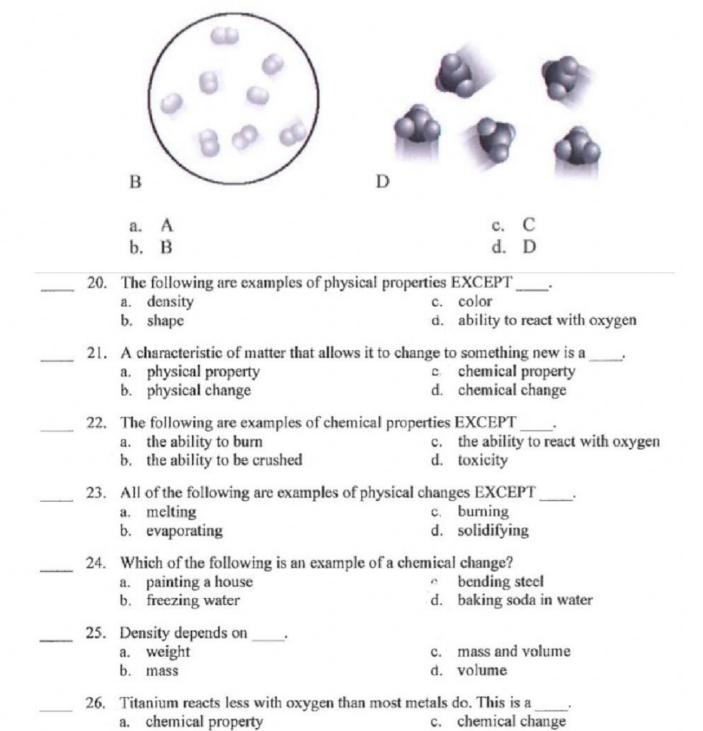
d. gold

18. Which diagram shows a compound?



19. Which diagram shows individual atoms?





d. physical property

b. physical change

a. is greater than b. is less than c. is the same as d. may be more or less than 28. Which formula listed below correctly finds density? a. D = m/V b. D = V/m d. D = g ³ /V 29. The rusting of iron is not a physical property because a. it cannot be observed b. the identity of iron remains unchanged c. a new substance with new properties formed d. iron is magnetic 30. Which explains the law of conservation of mass? a. Mass cannot be created or destroyed in a reaction. b. The total mass before a chemical reaction is the same as the total mass after the reaction. c. Every reaction creates an equal amount of mass related to the amount of energy required for the reaction. d. The total amount of mass is equal to the volume of both chemicals in the reaction. 31. Photosynthesis is a chemical reaction which uses a. heat b. light c. iron d. gravity Part C- Matching Match each term with its correct description a. element b. mixture c. substance d. compound e. matter 32. matter that can vary in composition	Name and Address of the Owner, where the	27.		hass of the products of a chemical reaction		the mass of the reactants.
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_ 33. anything that has mass and takes up space		**	33.			
34. two or more elements chemically combined	_	**	34.			ombined
35. consists of just one type of matter	-	-			er	
36. it has a definite composition	-	-	36.	it has a definite composition		