Name	Date	Class
Introduction to Matter Re	eview and Reinforce	
Describing Matte	er	
Understanding Main Idea Classify each of the following pro		chemical on the line.
1. Te	exture	
	bility to react with other su	bstances
3. A		
4. H	ardness	
5. La		
6. Pl	· •	
Answer the following questions (on the lines provided.	
7. How are elements and co	mpounds related?	
	v	
8. What are two ways in which mixtures differ from compounds?		
		,
Building Vocabulary		•
Match each term with its definiti		correct definition on
the line beside the term in the lef	t column.	
9. matter	a. the basic particle of a	n element
10. chemistry	b. a mixture in which yo	ou can see the different parts
11. substance	c. anything that has ma	ss and takes up space
12. atom	d. a particle formed whe	n two or more atoms combine
13. chemical bond	e. a single kind of matte	r that is pure
14. molecule	f. a kind of homogeneo	us mixture
15. chemical formula	g. the study of the prop	erties of matter
16. heterogeneous	h. a mixture in which di	fferent parts cannot be seen
17. homogeneous	i. tells the elements and	ratio of atoms in a compound
18. solution	j. the force of attraction	between two atoms

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1.	True or False, the basic particle from which all elements are made is a
	molecule.
2.	How many atoms of hydrogen are in a water (H ₂ O) molecule?
3.	What is the ratio of atoms in carbon dioxide or CO ₂ ?
4.	True or False, When elements chemically combine, they form compounds that have properties that are similar to those of the uncombined elements.
5.	A is made of two or more substances that are together in the same place but are not chemically combined.
6.	True or False, A solution is an example of a homogeneous mixture.
	Circle the letter of each mixture below that is heterogeneous. Damp soil
В.	Sugar water
C.	Brass
D.	Salad