		1.7	
Accelerated Chemistry - Unit 1 Rev	iew	Name: hey	
1. Match each numbered term	with a lettered term.		
4 a. Physical chemistry	1. composition		
3 b. Organic chemistry	2. life		
1 c. Analytical chemistry	3. carbon	*M	
5 d. Inorganic chemistry			
2 e. Biochemistry	5. Without carbon	0/4	
2. What is the purpose of an ex	periment as part of the scientifi	c method? To test a hypothe	Sis
2 Vallmanfarm on allmaning and	and a langer of the langer		
next? Retry the experie	unt. If you get the	same results, modify hypothesis and ex	you
4. Which of the following is no	a part of the scientific method?	hypothesis and ex	Seriment
a. Hypothesis		agativ.	
b. Experiment	"3 in feet and	At 1 m	
© Guess			
d. Theory			
5. You have a sore throat, so yo	ou go to the doctor. The doctor	examines your throat and says she t	thinks you have
strep throat. She takes a sar	nple to test for strep bacteria. W	hat parts of the scientific method is	s the doctor
applying? Observation	Hypothesis, Experime	ent bedroom total	
6. You perform an experiment	and find that the results do not a	agree with theory. Is something wro	ong with your
experiment? Possibly	you should try the	exp. again. It you	get the sam
7. Criticize the statement, "The	ories are proven by experiments	5."	
8. The branch of chemistry that	studies most carbon-containing	substances is chemistry.	
a. Physical		1. 用機 电子工程数据 电	
b. Inorganic			
c. Analytical		OH	
d. Organic			
An analytical chemist is most	likely to:	1.2	
a. Explain why paint is	tirred before it is uses.		
	eep paint attached to the steel f		
c. Identify the type of p	aint chips found at the scene of	a hit-and-run accident.	
d. Investigate the effect	of leaded paint on the developr	ment of young children.	
Use this paragraph to answer questi		3,74	
(1) On a cold morning, your car does	not start. (2) You say, "Oh no! Th	ne battery is dead!" (3) Your friend v	who works on
cars uses a battery tester and finds the			
battery terminals. (5) Your friend say	s, "Maybe corrosion is causing a	bad connection in the electrical circ	uit, preventing
the car from starting." (6) Your friend		r starts.	
10. Which statements are observ			
11. Which statements are hypoth	V.■7		
12. Which statement describes a	n experiment? 3,6	the board of the second	
13. List three properties of an iro	n nail. solid, metallic	shiny gray	
14. What is the physical state of	each of the following items at ro	om temperature	
a. Gold 💰	method has been provided by	o color charge	
b. Gasoline 🖵		* ** ******** ** ** ******************	

c. Helium 6d. Paraffin wax 5e. Rubbing alcohol 6