Name	Class	Date
Directed Reading B continued		
BUILDING SCIENTIFIC KNOWLEDG	GE	
tested hypotheses is called a. law. b. result. c. theory. d. scale.		elated facts, observations, and
law 16. A summary of many expectanges is called a scient a. law. b. result. c. theory. d. scale. 17. A theory is a(n)conceptual		s and observations that rarely
18. What is the difference between		
A theory works to explain some A LAW explains something ALL exceptions. ex. the Law of gravity has no explains and explains are already as a contract of the	thing MOST of the tir of the time without a	me. any
19. Why are there very few laws with	thin life science?	?
Life is very complicated and there there are few laws that apply to AL	•	ns that
20. What is one widely accepted the	eory in life scien	ce?
Cell theory - All life is made of cells of life)	(the basic building b	olock
21. What idea does the discovery ab	out <i>Apatosauru</i>	us's neck illustrate?
We are continuing to re-evaluate our	theories and come u	up with better ones.
22. What are two general characterimost scientists?	istics of a theory	that would be accepted by
1. a theory is the best fit explanation 2. a theory can be changed if new hypothesis could be a replacement	data suggests a bett	
"Theories are not set in stone!"		

Name	Class_	Date
Skills Worksheet	Ciass	Date
	dina D	
Directed Rea	aing B	
Section: Safety in THE IMPORTANCE OF S	* * *	
1. What is safety?		
When no one gets	hurt and nothing gets broken.	
	t is the most important safety r	ule?
	<u>. , , , , , , , , , , , , , , , , , , ,</u>	
What is the most imr	oortant reason for obeying safe	ty rules?
	nd you will not break anything	ty rules.
4. Once an accident has	s happened, how can following	safety rules help you?
They will prevent more	accidents by telling an adult and getting	g first aid
ELEMENTS OF SAFETY		
5. Safety symbol	ls alert you to	
a. first-aid ins		
b. more scien		
. · · · · · · · · · · · · · · · · · · ·	ease your teacher.	
d. potential d	angers.	
d 6. Which of the	following are on your chart of s	safety symbols?
	ty, boating safety	
	e safety, traffic safety	
	fety, skateboard safety	
d. electrical s	safety, chemical safety	



- **7.** What should you do if you can't understand instructions in a lab procedure?
 - **a.** Ask your teacher to explain the directions.
 - **b.** Ask your friend for help.
 - $\boldsymbol{c.}$ Do whatever you think is correct.
 - **d.** Start the lab all over again.