NT	D 4	C1	
Name	Date	Class	

CHAPTER 1 REVIEW

Matter and Change

SECTION 1

SHORT AN	ISWER /	Answer 1	the	following	questions	in	the s	pace	provided	ı

нокі	Answer the following questions in the space provided.
1	Technological development of a chemical product often
	(a) lags behind basic research on the same substance.
	(b) does not involve chance discoveries.
	(c) is driven by curiosity.(d) is done for the sake of learning something new.
	(d) is done for the sake of learning something new.
2	The primary motivation behind basic research is to
	(a) develop new products.
	(b) make money.
	(c) understand an environmental problem.
	(d) gain knowledge.
3	Applied research is designed to
	(a) solve a particular problem.
	(b) satisfy curiosity.
	(c) gain knowledge.
	(d) learn for the sake of learning.
4	Chemistry is usually classified as
	(a) a biological science.
	(b) a physical science.
	(c) a social science.
	(d) a computer science.
5. Det	fine the six major branches of chemistry.
	and the sail major examenes or the mastry

Nan	ne		Date	Class			
SEC	TION 1 continued						
6.	For each of the following types of chemical investigations, determine whether the investigation is basic research, applied research, or technological development. More than one choice may apply.						
		a.	A laboratory in a reactions involvi	a major university surveys all the ng bromine.			
		b.		al company explores a disease in a better medicine.			
		с.		tigates the cause of the ozone hole to up the loss of the ozone layer.			
		d.		al company discovers a more of producing a drug.			
		е.	A chemical complastic.	pany develops a new biodegradable			
		f.		plores the use of ozone to inactivate aking-water system.			
7.	Give examples of two different ins	truments 1	routinely used in c	hemistry.			
8.	What are microstructures?						
9.	What is a chemical?						
10.	What is chemistry?						