Name		Date	Class
REVIEW			
2 SECT	ION 2.1		
Wh	at is Matter?		
1. Classify the	following as a homogeneous, C), or a heteroge	neous, E, mixture.
	a. a pail of sand and water		d. a banana split
	_ b. air		e. chocolate syrup
	c. human blood		f. sea water
2. Compare an	d contrast atoms and molecul	les.	
2 Emploin the	difference hotercom o muno auho	tones and show	
5. Explain the	difference between a pure subs	stance and a no.	mogeneous mixture.
4. Classify each	n of the following as an elemen	it or a compour	d.
-	a. benzene,	-	
	b. aluminun		
	c. aspirin, C	$_9H_8O_4$	
	d. titanium,"	Гі	
	e. acetylene		
	f. zinc, Zn		
5. Explain why	elements and compounds are	pure substance	s.
L			
6. Determine v	which of the following are pure	substances and	d which are mixtures.
		a. salt water	
		b. isopropyl a	lcohol, C ₃ H ₈ O
		c. mercury, H	g
		d. ammonia,	NH ₃
		e. an egg yolk	ζ.
		f. honey	