Honors Chemistry Homework 3.2: Chemical/Physical Change			Name: Date:	
	State	·	nge and a chemical change, and list three	
2)	Classify the following changes as <b>physical or chemical</b> .			
	a.	Cookies are baked.	d. A firefly emits light.	
	b.	Water boils.	e. Milk spoils.	
	c.	Salt dissolves in water.	f. A metal chair rusts.	
3) State <b>several physical or chemical properties</b> that could be used to distinguise each of the following pairs of substances.			ties that could be used to distinguish between	
	a.	Gasoline and water.	c. water and a saltwater solution	
	b.	copper and silver	d. aluminum and steel	
4)		Classify the following properties of the element silicon as <b>chemical or physical</b> properties.		
	;	a. Blue-gray color	d. melts at 1410°C	
	1	b. brittle	e. reacts vigorously with fluorine	
		c. insoluble in water		
5)	• — •			
	this?	a. Food spoils.		
	b. A foaming antacid tablet fizzes in water.		water.	
		e. A ring of scum forms around your bathtub.		
		d. Iron rusts.		
		e. A firecracker explodes.		