Name:					
Period:					
		-1 .0.	~		
		Identifying	g Chemicals		
Study the table be	low carefully				
Study the table be	low calefully.				
		Characteristic	s of 4 Elements		
Property	Aluminum	Tin	Magnesium	Lead	Cobalt
Density	2.7 g/ml.	7.3 g/ml	1.74 g/ml	11.4 g/ml	8.9 g/ml
Boiling Point	2740 K	2876 K	1363 K	2023 K	3200 K
Freezing Point	933.25 K	505.06 K	922 K	600.6 K	1768 K
Color	Dull Silver	Dull Silver	Silvery	Dull Grey	Grey
Crystal	Cubic	Tetragonal	Hexagonal	Cubic	Hexagonal
	•	4 sided polygon	•	6 sided polygon	
	C	ubic – 4 sided, but	t equal length poly	gon	
			_		rmine which of the
5 elements profile	d is the unknown.	Provide reasonin	g for your decisio	n.	
T-1					
Element A:	pubic orgatal floats	in a pool of molto	n tin but sinks in s	nool of magnagin	m
Tills dull, (cubic crystal floats	in a poor or mone	ii tiii, but siiiks iii a	i poor or magnesiu	111.
Element B:					
	5 – sided element v		magnesium and a	1 gram piece takes	s up the least
amount of space o	f all the elements l	isted.			
Element C:					
	element will not me	elt in molten alumi	num hut will sink	in the molten alum	ninum
ims gicy (Zieinient win not ill	on in montan anulli	mani out will slilk	in the month afull	