Name	Date	Class



Chapter 7.1 More Practice Problems

a. S	b.	Cs	c. Al		
					
2 How mony vole		ash of the fellowing			
a. Carbon	b . Bromine	c. Strontium	d. Xenon	e. Lithium	
3. Write the electr	ron configuration for		ag atoms and ions.		
a. Mg ²⁺			b. A1 ³⁺		
c. K ⁺			d. Cl		
a Ra			f. S ²⁻		
4. How many elec	ctrons will each eleme	ent gain or lose in fo		whether the resulting io	
4. How many electron (A) or ne	ctrons will each eleme		orming an ion? State	whether the resulting io	on is a cation (C
4. How many electron (A) or ne a. francium	etrons will each eleme either.	gallium	orming an ion? State		on is a cation (C
4. How many electronic anion (A) or not a. franciumb. aluminum	etrons will each eleme either.	galliumnitrogen	orming an ion? State	rgon	on is a cation (C
4. How many electronic anion (A) or not a. franciumb. aluminum5. Give the name	etrons will each element either. c. d. and symbol of the io	gallium nitrogen on formed when	orming an ion? State e. a f. a	rgon	on is a cation (C
 4. How many electronic anion (A) or not a. francium b. aluminum 5. Give the name a. a bromine ato 	ctrons will each element either. c. d. and symbol of the ioom gains one electron	gallium nitrogen on formed when	e. a	rgon	on is a cation (C
 4. How many electronic anion (A) or not a. francium b. aluminum 5. Give the name a. a bromine ato b. a sodium ato 	ctrons will each element either. c. d. and symbol of the ioom gains one electron	gallium nitrogen on formed when	e. a	rgonrsenic	on is a cation (C
 4. How many electronic anion (A) or not a. francium b. aluminum 5. Give the name a. a bromine at the b. a sodium ato c. a sulfur atom 	ctrons will each element either. c. d. and symbol of the ioo om gains one electron om loses one electron. a gains two electrons.	gallium nitrogen on formed when	e. a	rgon	on is a cation (C
 4. How many electronic anion (A) or not a francium b. aluminum 5. Give the name a. a bromine at the b. a sodium at the c. a sulfur atom d. an aluminum 	ctrons will each element either. c. d. and symbol of the ioo om gains one electron om loses one electron. a gains two electrons.	gallium nitrogen on formed when n ctrons	e. a	rgonrsenic	on is a cation (C
 4. How many electronic anion (A) or not a francium b. aluminum 5. Give the name a. a bromine at the b. a sodium at the c. a sulfur atom d. an aluminum 	ctrons will each element either. c. d. and symbol of the ion om gains one electron om loses one electron. a gains two electrons. a atom loses three electrons are lost or gains	gallium nitrogen on formed when n ctrons ed in forming each	e. a	rgonrsenic	on is a cation (C
 4. How many electronic anion (A) or near the anion (A) or near the anion (A) or near the anion (A) aluminum (B). Give the name and a sodium ato c. a sulfur atom d. an aluminum and an aluminum and (A). How many electronic and (A) and (A)	ctrons will each element either. c. d. and symbol of the ion om gains one electron om loses one electron. a gains two electrons. a atom loses three electrons are lost or gains	gallium	e. a	rsenics?	on is a cation (C
 4. How many electronic anion (A) or near the anion (A) or near the anion (A) or near the anion (A) aluminum (B). Give the name and a sodium ato c. a sulfur atom d. an aluminum (B). How many electronic and (C) and	ctrons will each element either. c. d. and symbol of the ion om gains one electron om loses one electron. a gains two electrons. a atom loses three electrons are lost or gains b. I	gallium nitrogen on formed when n ctrons ed in forming each c. K ation or an anion.	e. a f. a of the following ions	rgons? Al ³⁺	on is a cation (C