Name	date	!
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## Chemistry Characteristics of Elements

Use Chapters 6 and 7 and Appendix A or your textbook, your lab notebook, and the Periodic Table to answer the following questions

1.	Bromin	e		
•	a.	Number of protons	a.	
	b.	Group (family) name	b.	
	C.	Number of valence electrons	C.	
	d.	Metal, nonmetal, metalloid?	d.	<del></del>
	e.	State at room temperature (solid, liquid, gas)	e.	
	f.	Color	f.	
	g.	Atomic radius		
	g. h.	How does its atomic radius compare to that of chlorine	g h	
	11.	(smaller, larger, the same)		
	i.	How does its atomic radius compare to that of arsenic	i	
	1.	(smaller, larger, the same)	'	
	:	Formula and charge of most common ion		
	j. k.	Name of most common ion	j k	
	ĸ.	Name of most common for	ĸ	
2.	Magne	eium		
۷.		Number of protons	a.	
		Group (family) name		
	D. C.	Number of valence electrons		
	d.	Metal, nonmetal, metalloid?		
	e.		d	
	e. f.	State at room temperature (solid, liquid, gas) Color	e. •	
		Atomic radius	f.	
	g.		g	
	h.	How does its atomic radius compare to that of calcium	h	
	:	(smaller, larger, the same)		
	i.	How does its atomic radius compare to that of aluminum	İ	
	:	(smaller, larger, the same)		
	j.	Formula and charge of most common ion	j	
	k.	Name of most common ion	k	
3.	Potass	ium		
٦.	a.	Number of protons	a.	
	a. b.	Group (family) name		
	C.	Number of valence electrons		
	d.	Metal, nonmetal, metalloid?	d.	
	e.	State at room temperature (solid, liquid, gas)		
	f.	Color	f.	
		Atomic radius		
	g.		g	
	h.	How does its atomic radius compare to that of sodium	h	
	:	(smaller, larger, the same)		
	i.	How does its atomic radius compare to that of selenium	İ	
	:	(smaller, larger, the same)		
	j. k	Formula and charge of most common ion	j k	
	ĸ	Mane of MOSI COMMON ION	ĸ	

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4.	Oxyge			
	a.	Number of protons	a.	
		Group (family) name	b.	
	C.	Number of valence electrons	c.	
	d.		d	
	e.		e.	
	f.	Color		
			f.	
	g.		g	
	h.	How does its atomic radius compare to that of sulfur	h	
		(smaller, larger, the same)		
	i.	How does its atomic radius compare to that of mercury	i	
		(smaller, larger, the same)		
	j.	Formula and charge of most common ion	j	
	k.	Name of most common ion	k	
5.	Zinc			
-	a.	Number of protons	а	
		Group (family) name		
	C.			
	d.		d.	
			_	
	e.		e.	
	f.	Color	f.	
	g.		g	
	h.		h	
		(smaller, larger, the same)		
	i.	How does its atomic radius compare to that of barium	i	·
		(smaller, larger, the same)		
	j.	Formula and charge of most common ion	j	
	k.	Name of most common ion	k	
6.	Silver			
٥.	a.	Number of protons	а	· <u></u>
		Group (family) name		
	C.			
	d.	,,	d	
	e.	State at room temperature (solid, liquid, gas)	e.	
	f.	Color	f.	
	g.		g	
	h.	How does its atomic radius compare to that of gold	h	
		(smaller, larger, the same)		
	i.	How does its atomic radius compare to that of tin	i	
		(smaller, larger, the same)		
	j.	Formula and charge of most common ion	j	
	k.	Name of most common ion	ķ	