CONCEPT: PERIODIC TABLE: REPRESENTATIVE ELEMENTS & TRANSITION METALS

• The Gro	ups the	emselv	es ca	n be b	roken	down	into t	he Tra	nsitio	on Me	tals an	d Rep	reser	ntativ	e Ele	ments	S .		
□ Transition Metals: The elements found in Groups 3 to 12 with their name symbolizing their varying																			
	☐ They are sometimes referred to as the Group Elements.																		
	□ Representative Elements: The remaining elements not found in the Groups 3 to 12. □ They are sometimes referred to as the Group Elements or Group Elements.																		
		⊐ They	are s	ometii	mes re	eferred	d to as	the G	Froup		Eleme	ents o			_ Gro	up Ele	ements	6.	
	(1)																	(18	
1	H																	- П	
•		(2)]										(13)	(14)					
2	Li	Ве											В	С	N	С) F	N	e
3	Na	Mg	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Al	Si	Р	S	C	А	r
4	K	Са	Sc	Ti	V	Cr	Mn	Fe	Со	Ni	Cu	Zn	Ga	Ge	As	S	e Br	K	r
5	Rb	Sr	Υ	Zr	Nb	Мо	Тс	Ru	Rh	Pd	Ag	Cd	In	Sr	St	Te) I	X	е
6	Cs	Ва	La	Hf	Та	W	Re	Os	lr	Pt	Au	Hg	TI	Pk	В	i Po	o A	t R	n
7	Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	FI	М	c L	/ Ts	0	g
Ce Pr Nd Pm Sm Eu Gd											٠	- 1.	D.	11.	-	_	\/L		
			_	Ce	Pr I	Nd F						Dy	Но	Er	Tm	Yb	Lu		
Transition Metals			٦	⁻h l	Pa	U	Np	Pu /	Am		Bk (Cf	Es	Fm	Md	No	Lr		
FYAMPI	F: Wh	ich of	the fol	lowing	ı is a t	ransiti	ion me	etal in	the 5th	n Perio	nd with	simila	r cher	mical	nrone	artios t	o conr	ner C	:112
EXAMPLE: Which of the following is a transition metal in the 5 th Period with similar chemical properties to copper, Cu? a) Titanium, Ti b) Cerium, Ce c) Silver, Ag d) Oxygen, O e) Zinc, Zn																			
a) maniam, m b) contain, co c) cirvor, Ag a) cxygen, c e) zinc, zin																			
PRACTICE	E: Whic	ch of th	ne follo	owing	is a re	prese	ntativ	e elen	nent, f	ound i	n the 3	rd Per	iod, th	at is	also a	pnict	ogen?		
a) Na b) P						c) Ar					d) Mg				e) S				
PRACTICE	E: State	e the e	elemer	nt sym	bol fou	und in	the 6 ^t	th Perio	od and	d Grou	ıp 7A.								
a) Rb b) W						c) Br						d) Kr				e) At			