lsotopic Notation	$^{25}_{12}Mg^{+2}$				lsotopic Notation			¹⁶ ₈ 0	
atomic number		8		35	atomic number		35		8
mass number			16	80	mass number	25	80		
p+					p+				
n ^o		9			nº				9
e-			8	36	e-	10	36		
Charge		0	0		Charge	+2			0
which are IONS?					which are IONS?				
which are ISOTOPES?					which are ISOTOPES?				
MASS # =	plus		FOR A	N ION , [DOES NOT EQUAL		2 ISOTOPES O	F AN ATOM HA\	/E SAME
ATOMIC # =			FOR A	FOR AN ION, CHARGE = MINUS			but diff thus diff		
FOR AN ATOM,	equals _		FOR A	N ION, #P =	PLUS		ISOTOPIC NOT	ATION:	
WHEN NUETRAL (0 charge) equals # NEUTRONS = minus			FOR A	FOR AN ION, #e- = MINUS			$^{M\#}_{A\#}Sy^{Chg}$		
lsotopic Notation		$^{17}_{8}O^{-2}$			lsotopic Notation		³⁵ ₁₇ Cl		
atomic number	17		37		atomic number	37		17	
mass number			85	35	mass number	85			17
p+					p+				
n ^o	20				nº			20	
e-			36	17	e-	36			10
Charge	0			0	Charge			0	-2
which are IONS?					which are IONS?				
which are ISOTOPES?					which are ISOTOPES?				

Isotopic Notation	$^{25}_{12}Mg^{+2}$	170	160	80 Br-1 35 Br-1	lsotopic Notation	12 Mg+2	80 Br-1 35 Br-1	¹⁶ ₈ 0	170
atomic number	12	8	8	35	atomic number	12	35	8	8
mass number	25	17	16	80	mass number	25	80	16	17
p+	12	8	8	35	p⁺	12	35	8	8
n°	13	9	8	45	n°	13	45	8	9
e-	10	8	8	36	e-	10	36	8	8
Charge	+2	0	0	-1	Charge	+2	-1	Ø	0
which are IONS?	V			~	which are IONS?	×	×	6n	
which are ISOTOPES?		-	~		which are ISOTOPES?			×	×
MASS # = $P_{plus} N_{plus}$ FOR AN ION , $P_{plus} DC$				OES NOT EQUAL 2 ISOTOPES OF		AN ATOM HAVE SAME			
ATOMIC # =			FOR	FOR AN ION, CHARGE = $\frac{P}{P}$ MINUS \underline{C}			\underline{P} but diff \underline{N} thus diff \underline{M}		
FOR AN ATOM, $\underline{\mathcal{P}}$ equals $\underline{e^-}$			FOR	AN ION, #P = <u>e</u> =		ISOTOPIC NOTATION:			
WHEN NUETRAL (0 charge) P equals C # NEUTRONS = M # minus A #(P)			FOR	FOR AN ION, #e- = P MINUS <u>charge</u>			$^{M\#}_{A\#}Sy^{Chg}$		

Isotopic Notation	37-11	$^{17}_{8}O^{-2}$	85R6+1	35 17C1
atomic number	17	8	37	17
mass number	37	17	85	35
p+	17	8	37	17
n°	20	9	48	18
e-	17	10	36	17
Charge	0	- 2	+1	0
which are IONS?		×	*	
which are ISOTOPES?	×			×

lsotopic Notation	85 Rb+1 37 Rb+1	³⁵ ₁₇ Cl	37 01	80-2
atomic number	37	17	17	8
mass number	85	35	37	17
p+	37	17	17	8
n°	48	18	20	9
e-	36	17	17	10
Charge	+1	ø	0	-2
which are IONS?	X			×
which are ISOTOPES?		×	×	