	0	0	0	0	0	0		+	3+ E
č		10 <b>Ne</b> Neon 20.2	18 <b>Ar</b> Argon 39.9	36 <b>Kr</b> Krypton 83.8	54 ( <b>Xe</b> Xenon 131.3	86 ( <b>Rn</b> Radon (222)	Uuo* Ununoctium (294)	71 3+ <b>Lu</b> Lutetium 175.0	103 3. Lr Lawrencium (262)
Periodic Table of the Elements	17	9 1– <b>F</b> Fluorine 19.0	17 1– <b>CI</b> Chlorine 35.5	35 1– <b>Br</b> Bromine 79.9	53 1- 	85 1– <b>At</b> Astatine (210)		70 3+ <b>Yb</b> 2+ Ytterbium	102 2+ No 3+ Nobelium (259)
	16	2- gen .0	2	2- nium 0	2– rium 7.6	2+ 4+ nuin (9)	<b>Uuh*</b> Uunh* Ununhexium (292)		Md 3+ Mendelevium (258)
	15	-E	3-	<sup>6</sup>	÷ + + + + + + + + + + + + + + + + + + +	5 + + 5	p* entium ()	porar 3+	÷
	`	7 <b>N</b> Nitrogen 14.0	15 <b>P</b> Phosph 31.0	33 <b>AS</b> Arsenic 74.9	51 <b>Sb</b> Antimony 121.8	Bismuth 209.0			- 100 <b>Fm</b> Fermium (257)
	14	6 <b>C</b> Carbon 12.0	14 <b>Si</b> Silicon 28.1	32 4+ <b>Ge</b> Germanium 72.6	50 4+ <b>Sn</b> 2+ Tin 118.7	82 2+ <b>Pb</b> 4+ Lead	Uuq* Ununquadium (289)	67 3+ <b>Ho</b> Holmium 164.9	99 3+ <b>Es</b> Einsteinium (252)
	13	5 <b>B</b> Boron 10.8	13 3+ <b>AI</b> Aluminum 27.0	31 3+ <b>Ga</b> Gallium 69.7	49 3+ In Indium 114.8	81 1+ <b>TI</b> 3+ Thallium 204.4	Uut* Uut* Ununtrium (284)	66 3+ <b>Dy</b> Dysprosium 162.5	98 3+ Cf Californium (251)
			12	2+	2+ nium 2:4	2 + + + + + + + + + + + + + + + + + + +	* <b>Q</b> *	3+ ++ 3.9	3+ 4+ 7)
	(a)			2+ 30 1+ <b>Zn</b> Zinc 65.4	1+ 48 <b>Cd</b> Cadm 112	3+ 80 1+ <b>Hg</b> Mercu 200.		+	3+ 97 <b>Bk</b> Berkeli  (247
		natural Db synthetic	<u></u>	29 2 <b>Cu</b> 1 Copper 63.5	47 1 <b>Ag</b> Silver 107.9	79 3 <b>Au</b> 1 Gold 197.0	Rg Roentgenium (272)	64 3. <b>Gd</b> Gadolinium 157.3	96 <b>Cm</b> Curium (247)
			10	28 2+ Nickel 58.7	46 2+ <b>Pd</b> 4+ Palladium 106.4	78 4+ <b>Pt</b> 2+ Platinum 195.1	110 Ds Darmstadtium (281)	63 3+ <b>Eu</b> 2+ Europium	95 3+ <b>Am</b> 4+ Americium 6+ (243)
o alqı			6	2 ta	3+ 4+ Ilium 2.9	3+ 4+ 2.2	109 <b>Mt</b> Meitnerium (266)	3+ A 4+ arium	4+ 6+ 0+ 0+ 0+ 0+ 0+ 0+ 0+ 0+ 0+ 0+ 0+ 0+ 0+
с Та				3+ 27 2+ <b>C</b> Sp	± +	3+ 77 4+ <b> r</b>   19;	10 Mei	+	
riodi			∞	26	44 3 <b>Ru</b> 4 101.1	76 <b>Os</b> Osmium 190.2	108 <b>Hs</b> Hassium (265)	61 3. Pm Promethium (145)	93 5+ <b>Np</b> 3+ Neptunium 6+ (237)
Pe	Metal Atomic Number Symbol Name Name	metallold Atomic was	7	25 2+ Mn 3+ Manganese 54.9	43 7+ <b>Tc</b> Technetium (98)	75 4+ <b>Re</b> 7+ Rhenium 186.2	107 <b>Bh</b> Bohrium (262)	60 3+ Nd Neodymium 144.2	92 6+ <b>U</b> 4+ Uranium 238.0
			9	3+ 2+ nium	2+ 3+ bdenum	6+ sten 3.8	rgium	3+ 4+ odymium	5+ 4+ 0.
				5+ 24 4+ <b>Cr</b> Chror 52.0	3+ 42 5+ <b>Mc</b> Moly 95.	5+ 74 <b>W</b> Tung	106 Sg Seabo (263	3+ 59 4+ <b>Pr</b> Prase	Pa Protac
			2	23 <b>V</b> Vanadium 50.9	41 <b>Nb</b> Niobium 92.9	73 <b>Ta</b> Tantalum 180.9	105 <b>Db</b> Dubnium (262)	58 <b>Ce</b> Cerium 140.1	90 Th
			4	4+ 3+ 9	40 4+ <b>Zr</b> Zirconium 91.2	72 4+ <b>Hf</b> Hafnium 178.5	104 Rf Rutherfordium (261)		Jally.
			m	3+ 22 <b>Titanium</b> 77.9	3+ 40 <b>Zr</b> Zirconiu 91.2	3+ 72 Hf Hatnium 178.5		2.00.	Any value in parentheses is the mass of the most stable or best known isotope for elements that do not occur naturally.
				21 3. <b>Sc</b> Scandium 45.0	39 <b>×</b> Yttrium 88.9	57 3. <b>La</b> Lanthanum 138.9	89 3+ <b>Ac</b> Actinium (227)	-12 at 1	
	2	4 2+ <b>Be</b> Beryllium 9.0	12 2+ <b>Mg</b> Magnesium 24.3	20 2+ <b>Ca</b> Calcium 40.1	38 2+ <b>Sr</b> Strontium 87.6	56 2+ <b>Ba</b> Barium 137.3	88 2+ <b>Ra</b> Radium (226)	nass of C	in parent s of the n est know aat do no
<b>—</b>	1 1+ <b>H</b> Hydrogen 1.0	+t + 6:	+ t mi 0:	1+ Issium	37 1+ <b>Rb</b> Rubidium 85.5	55 1+ <b>Cs</b> Cesium 132.9	87 1+ <b>Fr</b> Francium (223)	Based on mass of C-12 at 12.00.	Any value in parentheses is the mass of the most stable or best known isot elements that do not occ
	- <b>I</b> = -	2 6. [1]	23 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 <b>X</b> Post 39	<b>Σ Ξ</b> 30	9 2 0 3 2	7 Fr (2)	Ba	An is i sta ele
450	MHR								