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The Periodic Table of Ions



MR. SCIENCE TEACHER'S PERIODIC TABLE OF IONS
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Atomic Number → 7
 Ion Symbol → **N³⁻**
 Ion Name → **nitride**
 Ion Charge → 3-

Alkali Metals

Alkaline-Earth Metals

Transition Metals

Halogens

Noble Gases

Metalloids

Basic Metals

Non-Metals

1 IA		2 IIA												13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	18 VIIIA																
1	H ⁺ hydrogen																5	B boron	6	C carbon	7	N ³⁻ nitride	8	O ²⁻ oxide	9	F ⁻ fluoride	10	Ne neon							
2	Li ⁺ lithium	4	Be ²⁺ beryllium														13	Al ³⁺ aluminum	14	Si silicon	15	P ³⁻ phosphide	16	S ²⁻ sulfide	17	Cl ⁻ chloride	18	Ar argon							
3	Na ⁺ sodium	12	Mg ²⁺ magnesium	3	III B	4	IV B	5	VB	6	VIB	7	VII B	8	VIII B			10		11	IB	12	IIB												
4	K ⁺ potassium	20	Ca ²⁺ calcium	21	Sc ³⁺ scandium	22	Ti ⁴⁺ titanium (IV)	23	V ³⁺ vanadium (III)	24	Cr ³⁺ chromium (III)	25	Mn ²⁺ manganese (II)	26	Fe ³⁺ iron (III)	27	Co ²⁺ cobalt (II)	28	Ni ²⁺ nickel (II)	29	Cu ²⁺ copper (II)	30	Zn ²⁺ zinc	31	Ga ³⁺ gallium	32	Ge ⁴⁺ germanium	33	As ³⁻ arsenide	34	Se ²⁻ selenide	35	Br ⁻ bromide	36	Kr krypton
5	Rb ⁺ rubidium	38	Sr ²⁺ strontium	39	Y ³⁺ yttrium	40	Zr ⁴⁺ zirconium	41	Nb ⁵⁺ niobium (V)	42	Mo ⁶⁺ molybdenum	43	Tc ⁷⁺ technetium	44	Ru ³⁺ ruthenium (III)	45	Rh ³⁺ rhodium	46	Pd ²⁺ palladium (II)	47	Ag ⁺ silver	48	Cd ²⁺ cadmium	49	In ³⁺ indium	50	Sn ⁴⁺ tin (IV)	51	Sb ³⁺ antimony (III)	52	Te ²⁻ telluride	53	I ⁻ iodide	54	Xe xenon
6	Cs ⁺ cesium	56	Ba ²⁺ barium	72	Hf ⁴⁺ hafnium	73	Ta ⁵⁺ tantalum	74	W ⁶⁺ tungsten	75	Re ⁷⁺ rhenium	76	Os ⁴⁺ osmium	77	Ir ⁴⁺ iridium	78	Pt ⁴⁺ platinum (IV)	79	Au ³⁺ gold (III)	80	Hg ²⁺ mercury (II)	81	Tl ⁺ thallium (I)	82	Pb ²⁺ lead (II)	83	Bi ³⁺ bismuth (III)	84	Po ²⁺ polonium (II)	85	At ⁻ astatine	86	Rn radon		
7	Fr ⁺ francium	88	Ra ²⁺ radium																																
				<p>Lanthanides</p> <p>57 La³⁺ lanthanum 58 Ce³⁺ cerium 59 Pr³⁺ praseodymium 60 Nd³⁺ neodymium 61 Pm³⁺ promethium 62 Sm³⁺ samarium (III) 63 Eu³⁺ europium (III) 64 Gd³⁺ gadolinium 65 Tb³⁺ terbium 66 Dy³⁺ dysprosium 67 Ho³⁺ holmium 68 Er³⁺ erbium 69 Tm³⁺ thulium 70 Yb³⁺ ytterbium (III) 71 Lu³⁺ lutetium</p>																															
				<p>Actinides</p> <p>89 Ac³⁺ actinium 90 Th⁴⁺ thorium 91 Pa⁵⁺ protactinium (V) 92 U⁶⁺ uranium (VI) 93 Np⁵⁺ neptunium 94 Pu⁴⁺ plutonium (IV) 95 Am³⁺ americium (III) 96 Cm³⁺ curium 97 Bk³⁺ berkelium (III) 98 Cf³⁺ californium 99 Es³⁺ einsteinium 100 Fm³⁺ fermium 101 Md²⁺ mendelevium (II) 102 No²⁺ nobelium (II) 103 Lr³⁺ lawrencium</p>																															

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