









	1H HYDROGEN	2He HELIUM	3Li LITHIUM	4Be BERYLLIUM	5B BORON	6C CARBON			
7N NITROGEN	8O OXYGEN	9F FLUORINE	10Ne NEON	11Na SODIUM	12Mg MAGNESIUM	13Al ALUMINUM	14Si SILICON		
15P PHOSPHORUS	16S SULFUR	17Cl CHLORINE	18Ar ARGON	19K POTASSIUM	20Ca CALCIUM	21Sc SCANDIUM	22Ti TITANIUM		
					30Zn Zinc	31Ga Gallium	32Ge Germanium		
33As ARSENIC	34Se SELENIUM	35Br BROMINE	36Kr KRYPTON	37Rb RUBIDIUM	38Sr STRONTIUM	39Y YTTRIUM	40Zr ZIRCONIUM		
					48Cd CADMIUM	49In INDIUM	50Sn TIN		
51Sb ANTIMONY	52Te TELLURIUM	53I IODINE	54Xe XENON	55Cs CESIUM	56Ba BARIUM	57La LANTHANUM	58Ce CERIUM		
  国際周期表年 2019					 Elementouch  Kyoto University		71Lu LUTETIUM	72Hf HAFNIUM	
	1 I Iodine	39 Y Yttrium	78 Pt Platinum	20 Ca Calcium	19 K Potassium	80Hg MERCURY	81Tl THALLIUM	82Pb LEAD	
83Bi BISMUTH	84Po POLONIUM	85At ASTATINE	86Rn RADON	87Fr FRANCIUM	88Ra RADIUM	89Ac ACTINIUM	90Th THORIUM		
							103Lr LAWRENCIUM	104Rf RUTHERFORDIUM	
							112Cn COPERNICIUM	113Nh NIHONIUM	114Fl FLEROVIUM
115Mc MOSCOVIUM	116Lv LIVERMORIUM	117Ts TENNESSINE	118Og OGANESSON						

カタカナ
読み

	1H HYDROGEN	2He HELIUM	3Li LITHIUM	4Be BERYLLIUM	5B BORON	6C CARBON			
7N NITROGEN	8O OXYGEN	9F FLUORINE	10Ne NEON	11Na SODIUM	12Mg MAGNESIUM	13Al ALUMINUM	14Si SILICON		
15P PHOSPHORUS	16S SULFUR	17Cl CHLORINE	18Ar ARGON	19K POTASSIUM	20Ca CALCIUM	21Sc SCANDIUM	22Ti TITANIUM		
					30Zn Zinc	31Ga Gallium	32Ge Germanium		
33As ARSENIC	34Se SELENIUM	35Br BROMINE	36Kr KRYPTON	37Rb RUBIDIUM	38Sr STRONTIUM	39Y YTTRIUM	40Zr ZIRCONIUM		
					48Cd CADMIUM	49In INDIUM	50Sn TIN		
51Sb ANTIMONY	52Te TELLURIUM	53I IODINE	54Xe XENON	55Cs CESIUM	56Ba BARIUM	57La LANTHANUM	58Ce CERIUM		
  国際周期表年 2019					 Elementouch  Kyoto University		71Lu LUTETIUM	72Hf HAFNIUM	
	1 I Iodine	39 Y Yttrium	78 Pt Platinum	20 Ca Calcium	19 K Potassium	80Hg MERCURY	81Tl THALLIUM	82Pb LEAD	
83Bi BISMUTH	84Po POLONIUM	85At ASTATINE	86Rn RADON	87Fr FRANCIUM	88Ra RADIUM	89Ac ACTINIUM	90Th THORIUM		
							103Lr LAWRENCIUM	104Rf RUTHERFORDIUM	
							112Cn COPERNICIUM	113Nh NIHONIUM	114Fl FLEROVIUM
115Mc MOSCOVIUM	116Lv LIVERMORIUM	117Ts TENNESSINE	118Og OGANESSON						

カタカナ
読み