

TEMPORARY NAMES OF ELEMENTS (in Periodic Table)

In 1978, The International Union for Pure and Applied Chemistry (IUPAC) decided that it is necessary to have a systematic naming for the elements with atomic number greater than 100 ($Z > 100$), even for those which had not been discovered.

The names should be given according to the following rules.

- (i) The name is derived directly from the atomic number of the element using the following Latin numerical roots.

Number	Root	Number	Root	Number	Root
0	nil				
1	un	4	quad	7	sept
2	bi	5	pent	8	Oct
3	tri	6	hex	9	enn

- (ii) The roots are put together in the order of the digits which make up the atomic number.
(iii) The word "ium" should be placed at the end of each element. (Suffix)
(iv) The final 'n' of 'enn' is removed when it occurs before 'nil'.
(v) The final 'i' of 'bi' and 'tri' is removed when it occurs before 'ium'.
(vi) The symbol of the element is composed with the initial letters of the numerical roots which make up the name.
(vii) The latin numerical root 'un' is pronounced with long 'u' (like 'yoon' or 'oon').
(viii) In the element name each root can be pronounced separately.

Example:

Before naming as Copernicium ($Z = 112$), it was denoted with Uub.

Uub – Un Un Bi ium – Ununbium

This is named after the famous astronomer "Copernicus". The symbol is "Cn".

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Atomic number	Temporary Symbol	Temporary Name
113	Uut	Ununtrium
115	Uup	Ununpentium
117	Uus	Ununseptium
118	Uuo	Ununoctium
119	Uue	Ununennium
120	Ubn	Unbinilium
121	Ubu	Unbiunium
127	Ubs	Unbiseptium
132	Utb	Untribium
147	Uqs	Unquadseptium
158	Upo	Unpentoctium
163	Uht	Unhextrium
175	Usp	Unseptpentium
180	Uon	Unoctnilium
194	Ueq	Unennquadium
206	Bnh	Binilhexium

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