

Periodic Table Questions and Answers

How many elements are there?

118

What is the periodic table?

A chart that organizes elements by atomic number and shared properties

Who invented the periodic table?

Dmitri Mendeleev



The periodic table is displayed with elements color-coded by groups. The noble gases (Group 18) are highlighted in yellow. The lanthanide and actinide series are shown at the bottom. The table includes atomic numbers, symbols, and names for all 118 elements.

What are the periodic table trends?

electronegativity, ionization energy, atomic radius, electron affinity

Why are noble gas so inert?

They have stable electron configurations.

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