

DMITRY IVANOVICH MENDELEEV

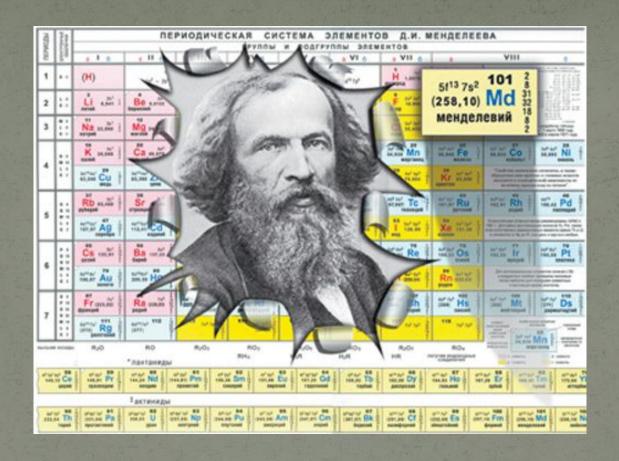
1834-1907

A great Russian scientist

A world-known chemist

A public leader

A correspondent member of the Academy of Sciences



GREAT SCIENTIST

MATCH THE DATE AND THE EVENT

A famous periodic table appeared 1907 Mendeleev was born 1859 A great scientist died 1869 He finished his work on water and 1893 alcohol Mendeleev lived and worker in 1834 Germany Mendeleev started to develop the 1865 principles of metrology

THE PERIODIC TABLE

When did Mendeleev invent the periodic table of chemical elements?

опыть системы элементовъ основанной на нтъ атомномъ въсъ и химическомъ сходствъ. Ti-50 Zr = 90 ?-180. V =51 Nb = 94 Ta-182. Cr-52 Mo= 96 W-186. Mn=55 Rh-104,4 Pt=197,1 Fe=56 Rn-104.4 Ir=198. NI-Co=59 PI-106.s 0-=199. Cu-63,4 Ag-108 Hg-200. Be = 94 Mg = 24 Zn = 652 Cd = 112 B=11 Al=27.1 ?=68 Ur=116 An-197? C=12 Si-28 ?=70 Sn=118 N=14 P=31 As=75 Sb=122 BI=210? 0-16 S-32 Se-79.4 Te=128? F=19 Cl=35,6Br=80 1-127 Li=7 Na=23 K=39 Rb=85,4 Cs=133 T1=204. Ca-40 Sr-87, Ba-137 Pb=207. ?-45 Ce-92 ?Er=56 La=94 ?Y1-60 Di-95 ?ln - 75,6 Th - 1 18? I. Mennaghens

IN 1869

TRUE OR FALSE?

- 1. Each element has 2 cells in the Table.
- 2. There are 7 periods in the Periodic table.
- 3. The Periodic table has 8 groups.
- 4. All the elements are classified as metals and non metals.
- 5. There are 108 chemical elements in the table.

PERIODIC TABLE OF THE ELEMENTS GROUP Group IUPAC →13 ☐ Group CAS 18 VIIIA IA PERIOD Color Of The Atomic Scan the QR code to learn more Shows State Of Matter Atomic Symbol 13 IIIA 14 IVA 15 VA 16 VIA 17 VIIA IIA Black = Solid Primordial From Decay Synthetic Be Red = Liquid **→**10.811 B Blue = Gas 9.012182 10.811 15.9994 Element Name → Boron Beryllium Grey = Unknown Mg Cl . Al VIIIB S Si 24.3050 28.0855 35.453 IIIB 4 IVB 5 VB 6 VIB 7 VIIB 8 10 IB 12 IIB Ge W Se As Br 6 40.078 44.955912 47.867 50.9415 51.9961 54.938045 55.845 58.933195 58.6934 63.546 65.38 69.723 72.64 74.92160 78.96 79.904 Scandium Vanadium Cobalt Sn ... In ... 5 87.62 88.90585 92.90638 95.96 [98] 101.07 102,90550 106.42 107.8682 112.411 114.818 118.710 121.760 127.60 126,90447 Rhodium Palladium lodine At Ba Ir Hf Pb ... Os Po 🌁 137.327 178.49 180.94788 183.84 186.207 190.23 192.217 195.084 196.966569 204.3833 207.2 208.98040 [209] 115 109 110 111 Rg Mt Rg 113 114 Lanthanide Uut Fl [281] [280] [294] ii [294] Actinides No No Some Element Categories In The Periodic Table Metals **Nonmetals** Alkali Alkaline **Inner Transition Metals** Transition Post-Transition Metalloid Other Halogenes Noble Unknown Earth Metals Metals Metals Metals Non-Metals Gases Chemical **Properties** Lanthanides Actinides WALLSzoo On-Demand Wall Graphics by Walls360.com Designed by Yiying Lu W Proudly made in Las Vegas, Nevada and shipped to customers around the world

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WHAT IS IT?

