

Henry Cavendish

1731 A.D. – 1810 A.D.



Hydrogen

John Dalton

1766 A.D. – 1844 A.D.



Conservation of mass, multiple proportions, and constant proportions.

Amedeo Avogadro

1776 A.D. – 1856 A.D.



Law of volumes containing same number of atoms or molecules at the same temperature and pressure

Humphrey Davy

1778 A.D. – 1829 A.D.



Sodium potassium barium calcium boron

Jons Jakob Berzelius

1779 A.D. – 1848 A.D.



Ions and ionic compounds

William Prout

1785 A.D. – 1850 A.D.



All elements have masses that are whole-number multiples of the mass of hydrogen

Jospeh Priestley

1731 A.D. – 1804 A.D.



Oxygen

Antoine Lavoisier

1743 A.D. – 1794 A.D.



32 Elements listed (not all correct)

Robert Bunsen

1811 A.D. – 1899 A.D.



Gas analysis -- identification of elements by spectrum

Gustav Kirchhoff

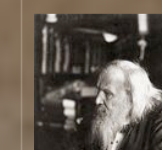
1824 A.D. – 1887 A.D.



Bunsen's collaborator on spectral analysis

Dmitri Mendeleev

1834 A.D. – 1907 A.D.



Arranged elements in periodic table

William Ramsay

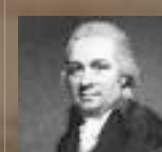
1852 A.D. – 1916 A.D.



Discovered noble gasses

Daniel Rutherford

1749 A.D. – 1819 A.D.



Nitrogen

Joseph Guy-Lussac

1778 A.D. – 1829 A.D.



Boron iodine

Alchemists

1650 A.D. – 1700 A.D.



Arsenic Antimony Phosphorus
Zinc Cobalt Platinum Nickel Bismuth

Ancient Times

1650 A.D. – 1700 A.D.



Gold Silver Copper Iron
Lead Tin Mercury Sulfur Carbon

1675 A.D.

1700 A.D.

1725 A.D.

1750 A.D.

1775 A.D.

1800 A.D.

1825 A.D.

1850 A.D.

1875 A.D.

Search for Elements