

Alchemists
AD 1650 – AD 1700



Arsenic Antimony Phosphorus
Zinc Cobalt Platinum Nickel Bismuth

Ancient Times
AD 1650 – AD 1700



Gold Silver Copper Iron
Lead Tin Mercury Sulfur Carbon

Jospeh Priestley
AD 1731 – AD 1804



Oxygen

Henry Cavendish
AD 1731 – AD 1810



Hydrogen

Antoine Lavoisier
AD 1743 – AD 1794



32 Elements listed (not all correct)

Daniel Rutherford
AD 1749 – AD 1819



Nitrogen

John Dalton
AD 1766 – AD 1844



Conservation of mass, multiple proportions, and constant proportions.

Amedeo Avogadro
AD 1776 – AD 1856



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

Humphrey Davy
AD 1778 – AD 1829



Sodium potassium barium calcium boron

Joseph Guy-Lussac
AD 1778 – AD 1829



Boron iodine

William Prout
AD 1785 – AD 1850



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

Jons Jakob Berzelius
AD 1779 – AD 1848



Ions and ionic compounds

Robert Bunsen
AD 1811 – AD 1899



Gas analysis -- identification of elements by spectrum

Gustav Kirchhoff
AD 1824 – AD 1887



Bunsen's collaborator on spectral analysis

Dmitri Mendeleev
AD 1834 – AD 1907



Arranged elements in periodic table

William Ramsay
AD 1852 – AD 1916



Discovered noble gasses

AD 1660 AD 1670 AD 1680 AD 1690 AD 1700 AD 1710 AD 1720 AD 1730 AD 1740 AD 1750 AD 1760 AD 1770 AD 1780 AD 1790 AD 1800 AD 1810 AD 1820 AD 1830 AD 1840 AD 1850 AD 1860 AD 1870