

Aristotle: 460 - 370 BCE

world is made
of 4 Elements
. Earth
Fire
Water

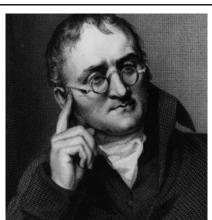
Ai-



Democritus 460BEE-3700CE

Introduced the Atom
atomos=invisible
"matter is made out
of ting, invisible
poticlis"

No evidence-Not scientific

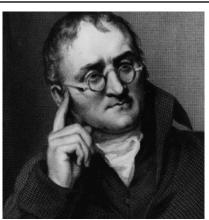


John Dalton 1803 English Chemist/ School teacher

"Elements" = ting perticles (atoms)

a Atoms of I type of element are all identical

· Each element has distinct atoms



John Dalton
1803 - English Chemist

School teacher

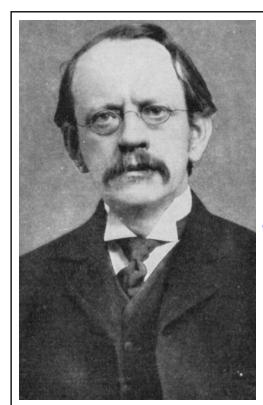
Elements = ting invisibly

Small particles called

Atoms of the same element are identical (copporis always appear)

Atoms of different elements are different

[copper + Iron]



JJ Thompson 1897 - English Physicist

Observation: when electricity passes through a gas, the gas gives off particles that are too small to be atoms.

Negatively charged particle
That is smaller than
an atom = Electron

Atom

Plum Pudding 5

Model

