GCSE Atomic Structure Worksheet

Calculate the number of neutrons in an atom of lithium that has a mass number of 7 and an atomic number of 3.

Draw and label the electron arrangement for a sodium atom (Na) with 11 electrons.

Match the following scientists with their contributions to atomic theory:

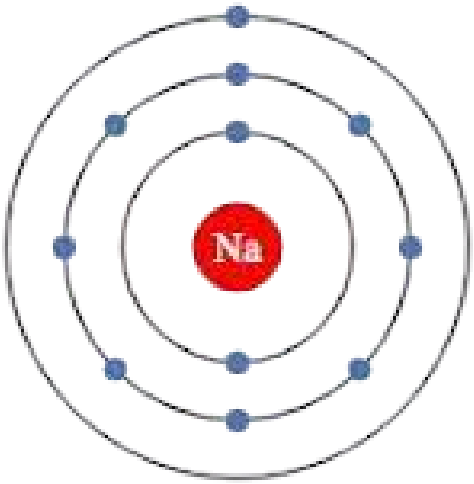
Ernest Rutherford	Proposed atom indivisibility
Niels Bohr	Identified the electron
John Dalton	Discovered the atomic nucleus
J.J. Thomson	Proposed electron orbits

GCSE Atomic Structure Worksheet Answer Key

Calculate the number of neutrons in an atom of lithium that has a mass number of 7 and an atomic number of 3.

Neutrons = Mass number - Atomic number = 7 - 3 = 4 neutrons

Draw and label the electron arrangement for a sodium atom (Na) with 11 electrons.



Match the following scientists with their contributions to atomic theory:

Ernest Rutherford	**[c]**	a) Proposed atom indivisibility
Niels Bohr	**[d]**	b) Identified the electron
John Dalton	**[a]**	c) Discovered the atomic nucleus
J.J. Thomson	**[b]**	d) Proposed electron orbits