

# Chemistry — Full Revision

Name:

Date:

**INQUIRY****Atoms, the periodic table, groups, metals, and states — the building blocks of chemistry.**

Discuss with your partner. Write your initial ideas below:

## Key Vocabulary

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Term	Definition
Atom	Smallest particle of an element.
Group	Vertical column — same outer electrons.
Period	Horizontal row — same number of shells.

## Full Revision (30 marks)

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1. Lithium: 3 protons, 4 neutrons. Draw its atom showing electron arrangement. [3 marks]

2. Explain why Group 0 elements are unreactive. [2 marks]

**3.** List 3 differences between metals and non-metals. [3 marks]

**4.** Describe the arrangement and movement of particles in a liquid. [2 marks]

**5.** Name the state changes: solid→liquid, liquid→gas, gas→liquid. [3 marks]