

Name _____ Date _____

Disclaimer: This test and mark scheme have been written by the authors.

End-of-unit test

Unit 5

- 1 Draw one line from each term about the properties of metals and non-metals to its meaning. [2]

term

ductile

malleable

brittle

meaning

can easily be hammered into shape

breaks with a snap

can be drawn out into strands or wires

- 2 Which of the following is not a property of metals?

Tick (✓) **one** box.

Conduct electricity ☐

Do not conduct heat ☐

Have high melting and boiling points ☐

Feel cold to the touch ☐

[1]

- 3 Alloys are often used instead of pure metals.

a Why is an alloy of aluminium used to build aeroplanes?

[1]

- b** Why is an alloy used to make ‘silver’ coins, and not pure silver? [1]

- 4** Write down one safety measure that you should take when heating an evaporating basin of a solution of copper sulfate to obtain copper sulfate crystals. [1]

- 5** Litmus and universal indicator are indicators. Complete the sentences.

- a** If litmus is red, the solution is _____. [1]

- b** In a neutral solution, universal indicator is _____. [1]

- c** The indicator that gives you more information about how acidic or alkaline a solution is, is _____ [1]

- d** The pH of a neutral solution is _____. [1]

[Total: 10]