

GRADE 9 EXTENDED – CHEMISTRY - WORKSHEET 2

Topic: The Language of Chemistry

Name:

Class:

School:

Answer all questions.

Q1. Circle the correct answer.

(1) Which element is black in colour?

- | | |
|--------------------|-----------------|
| A Aluminium | C Gold |
| B Carbon | D Silver |

(2) What is the symbol for magnesium?

- | | |
|-------------|-------------|
| A Al | C Mg |
| B Be | D Mn |

(3) Which element is a non-metal?

- | | |
|--------------------|-----------------|
| A Aluminium | C Oxygen |
| B Iron | D Sodium |

(4) The liquid used in thermometers is



- | | |
|------------------|--------------------|
| A mercury | C oxygen |
| B iron | D potassium |

(5) What is the colour of sulfur?

- | | |
|----------------|-----------------|
| A White | C Black |
| B Grey | D Yellow |

(6) is the only non-metal which conducts electricity.

- | | |
|-------------------|-----------------|
| A Iodine | C Neon |
| B Nitrogen | D Carbon |

(7) Which of the following row of elements contains only one metal?

- | | | | |
|---|--------|-----------|---------|
| A | sodium | hydrogen | calcium |
| B | iron | oxygen | sulfur |
| C | copper | carbon | calcium |
| D | sulfur | magnesium | zinc |

Q2. Complete the table below.

The first one has been done for you.

Name of element	Symbol	Metal or Non-metal
Silver	Ag	Metal
	Fe	
	S	
Gold		
	Br	

Q3. Fill in the blanks using the words given below:

<i>Periodic Table metals</i>	<i>bromine element</i>	<i>gases atom</i>	<i>non-metals periods</i>	<i>groups symbol</i>
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- (a) An is a substance that cannot be broken down into two or more simpler substances.
- (b) Elements are arranged in a special table called the , where the rows are called and the columns are called
- (c) An is the smallest indivisible part of an element that can exist.
- (d) A is a shorthand way of representing an element.
- (e) Elements can be classified as and
- (f) Most non-metals are at room temperature.
- (g) The only non-metal which is a liquid at room temperature is

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