



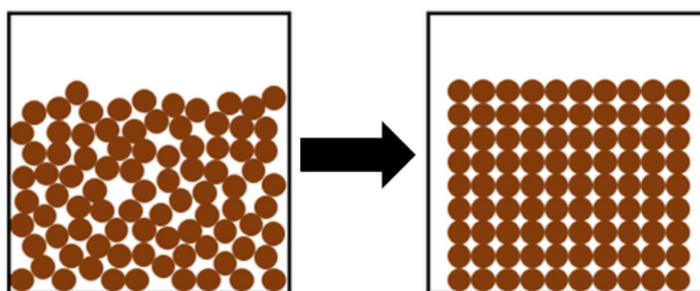
St. Ninian's High School
Science Department



S1 Chemistry
Matter Homework 2 (12 Marks)

Complete the sentences by choosing the correct number/word.

1. There are approximately 100 / 150 elements in the Periodic Table. **1 mark**
2. Elements are made up of different types of atoms / only one type of atom. **1 mark**
3. Metals are found on the left hand side / right hand side of the Periodic Table. **1 mark**
4. Which of the following substances is an element?
A Sugar
B Iron
C Water
D Salt **1 mark**
5. If you hang out wet clothes out to dry, what change of state takes place? **1 mark**
6. What change of state is represented by the particle diagrams below?



1 mark

6. Match the following processes to the corresponding state change that takes place.

Process	State change
Melting	liquid → solid
Freezing	liquid → gas
Evaporation	gas → liquid
Condensation	solid → liquid

2 marks

7. Elements are arranged in the Periodic Table. Copy and complete the table below.

Element	Symbol	Atomic Number	Metal or Non-metal
Chlorine	Cl		Non-metal
Tungsten		74	
	Am		Metal
		19	

2 marks

8. Explain why solids and liquids cannot be compressed but gases can.

1 mark