

MINISTRY OF EDUCATION, HERITAGE AND ARTS

YEAR 11 CHEMISTRY

REVISION WORKSHEET 1

1. State **one use** of the following laboratory apparatus.
 - a. Pipette - _____
 - b. Burette - _____
2. State the purpose of the following safety rules in the laboratory.
 - a. Keep flame and flammable solutions far apart.

 - b. Always clean glassware before it is used.

3. State two safety equipment you must wear when carrying out experiments.
 - 1 - _____
 - 2 - _____
4. For each of the following numbers, write the number of significant figures.
 - a. 3.5 mL - _____
 - b. 0.7 g - _____
 - c. 1012 - _____
 - e. 1.02×10^{-12} - _____
5. Round off each number to the number of significant figures given in brackets.
 - a. 2.450 (2) _____
 - b. 4519 (1) _____
6. Define the following terms:
 - a. Hypothesis

 - b. Observation

7. For each of the following experiments, state what the variable is:
 - a. A student wants to know the best amount of caustic soda that is needed for making soap. He measures 10 g of lards into 5 containers. Then he adds different amounts of caustic soda to each one.

 - b. A student heats some sulphur and observes the colour changes as the sulphur gets hotter.

The End