

BGE Skills Homework 1

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1. **Lab safety.** Complete the table below to show **3 rules** that you must follow in order to stay safe in the science lab. For each rule, say **why** you must follow that rule. (3)

Rule	Reason

2. Naming equipment.



A



B



C



D

- a. Name equipment A – D

A = _____

B = _____

C = _____

D = _____

(2)

b. What equipment would you use to measure **volume**? Letter ____ (1)

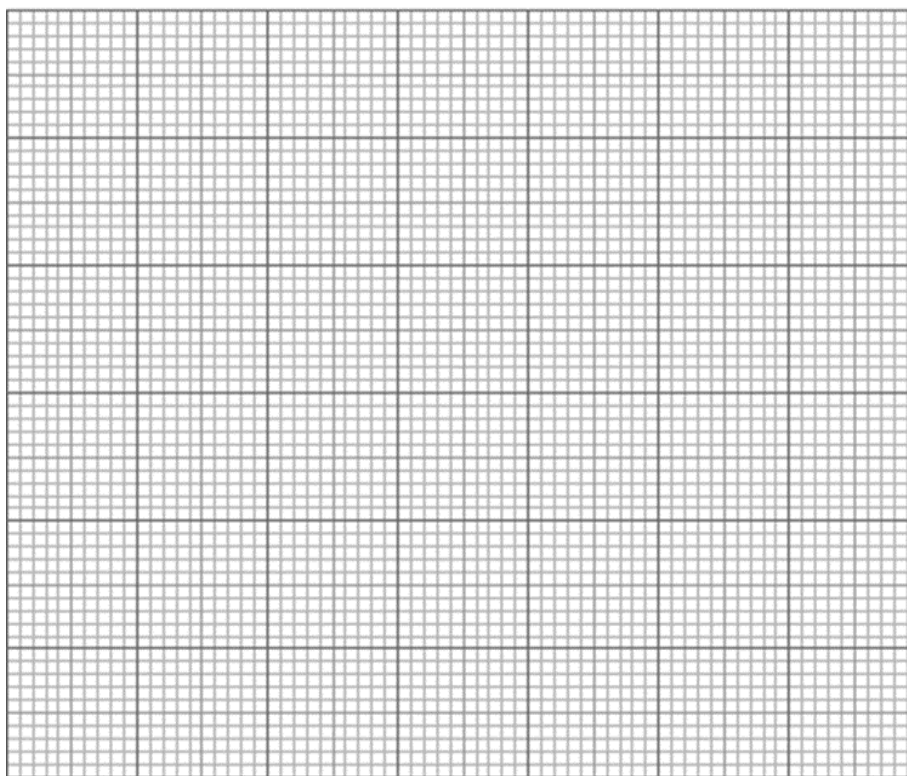
3. **Volume.** Complete the following table to convert units of volume. (5)

Volume (ml)	Volume (l)
100	
	0.04
	0.50
300	
	3.00

4. **Mass.** Look at the masses of textbooks from the science department in the table below:

Textbook	Mass (g)
Sparky Science	25
Brainy Biology	40
Clever Chemistry	80
Fun Physics	85

(a) Draw a **bar chart on the graph paper provided** to show the masses of the 4 different textbooks. (5)



4 (cont).

(b). Which book is the heaviest? (1)

Name of heaviest book = _____

(b) How much heavier is the heaviest book compared to the lightest book?(1)

Answer = _____ **g**

(c) Calculate the **mean mass** of the 4 books in the table. (1)

Mean mass = _____ **g**

(d) What is **the mean mass in kg?** = _____ **kg** (1)