
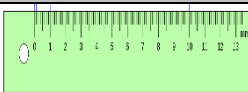
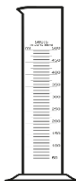





Specific properties of matter: density

WHAT IS THE AIM OF THIS PRACTICAL?

You will learn to measure a specific property of matter: the density

WHAT DO YOU NEED?

Digital scale	A ruler	Graduated cylinder
		
A dice	A bottle of water	A rock
		

A BIT OF THEORY

Specific properties are those that can be used to identify a substance.

WHAT DO YOU HAVE TO DO?

1. Density of a solid object

For each solid object you used in the practical called “general properties of matter”, calculate the density using the following equation:

$$d = m/V$$

2. Density of a liquid

Take the liquid samples provided and follow the procedure described in the practical called “general properties of matter”. Once you have measure the mass and volume, calculate the density using the following equation:

$$d = m/V$$

Complete the table below. For the last column, find out what substances are they. Hint: density is a specific property. It means there are no two substances with the same density...

	mass	volume	density	Substance
Sample 1				
Sample 2				
Sample 3				
Sample 4				
Sample 5				



FEED-BACK

Evaluate the difficulty of this practical. Circle the number that suits the level of difficulty you found while going through this practical:

Very Easy 1 2 3 4 5 *Very Difficult*

Did you enjoy going through this practical? Circle the number that suits your choice

Not at all 1 2 3 4 5 *Very much*