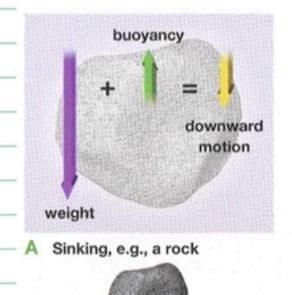
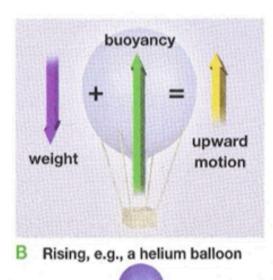
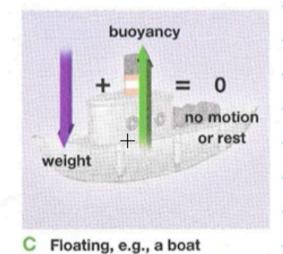
Buoyancy

OBJECTIVE 1: To be able to calculate buoyancy.

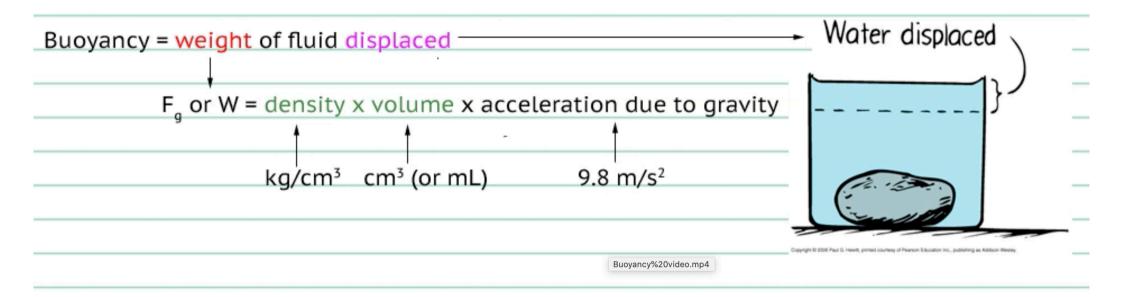
Buoyancy: an upward force exerted by a fluid (liquid or gas)

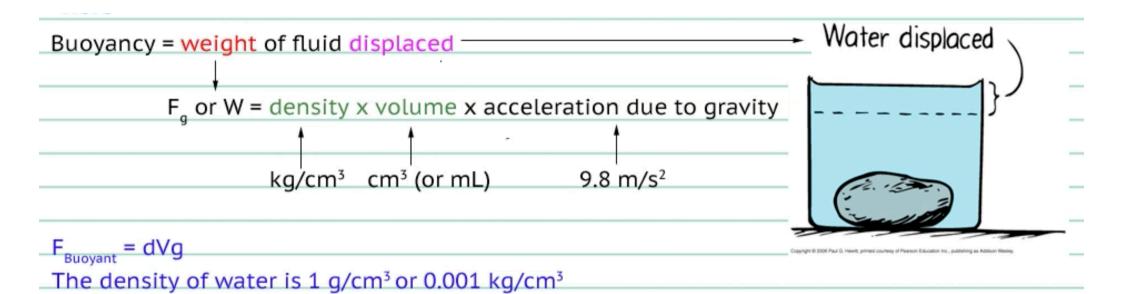




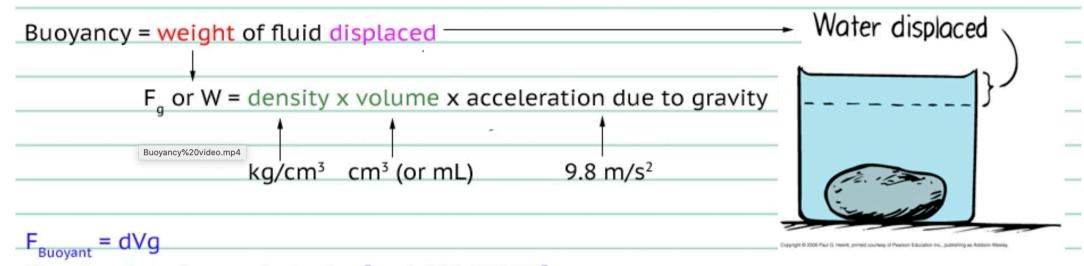


Buoyancy = weight of fluid displaced	Water displaced \
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1L of water has a mass of 1₊kg.



The density of water is 1 g/cm³ or 0.001 kg/cm³

1L of water has a mass of 1 kg.

Ex: The rock displaced 100 mL of water. What is the buoyant force on the rock?

1. You put a piece of wood in water. It displaces 2l What is the weight of the wood piece?	of water. What is the buoyant force?
	Buoyancy%20video.mp4