

Highlight as you read.? Write the Formula for finding Density in words and as a math formula: Density = D = Write the Objective: Image: Comparison of the submarine	buoyant	AN A	BJECTIVE:
Density = D = Write the Objective: weight of the fluid (water) that is displace by the object. Buoyancy is the ability of an object to float in water or air. By addin air to objects, we get more buoyant force Mainter and the fluid (water) that is displace by the object. Buoyancy is the ability of an object to float in water or air. By addin air to objects, we get more buoyant force Mainter and the fluid (water) that is displace by the object. Buoyancy is the ability of an object to float in water or air. By addin air to objects, we get more buoyant force Mainter and the fluid (water) that is displace by the object. Mainter and the fluid (water) that is displace an object to float in water or air. By addin air to objects, we get more buoyant force and all the the buoyant force equals the weight as the ship floats on the surface of the ocean. Vour Grade for Last Week: Mainter is pumped out to lower the total density of the submarine and allow the submarine and a	weight graviational force	Highlight as you read. Write the Formula for	Finding Density in words and as a math formula: Archimedes Principle: the buoyant force on a submerged object is equal to the
Your Grade for Last Week: Yours Grade for Last Week: Vour Grade for Last Week: Yours Required Objective-Grade-Blanks 10 Calendar-Prefixes + Measure it 10 Black Box 20 Cricket 10 Quizzes 48 What2Learn 10 Periscope Compressed All State And 10 Diack Box 20 Cricket 10 Quizzes 48 What2Learn 10 Periscope Compressed All State And Weight Compressed All State And Weight Compressed All State Box 20 Cricket 10 Quizzes 48 What2Learn 10 Periscope All Tanks Ballast Compressed	Write the Obje	<u>Density =</u> ctive:	D = weight of the fluid (water) that is displaced by the object. Buoyancy is the ability of an object to float in water or air. By adding air to objects, we get more buoyant force.
Your Grade for Last Week: Yours Required Objective-Grade-Blanks 10 Calendar- Prefixes + Measure it 10 How Big? 10 Black Box 20 Cricket 10 Quizzes 48 What2Learn 10 Fxtra 10			Archimedes Finiciple explains why steel ships float when solid steel spheres do not float. Because of all the air in the hull, the overall density is less than that of water, therefore, it floats- the buoyant force <u>equals</u> the weight as the ship floats on the surface of the ocean. ball: displaced water weight less than ball hull: displaced water weight = hull weight
Total 118	Your Grade Objective-Grade-Bla Calendar- Prefixes + How Big? Black Box Cricket Quizzes What2Learn Extra Total	for Last Week: <u>Yours Required</u> inks 10 Measure it 10 20 10 48 10 118	Submarine: Water is pumped out to lower the total density of the submarine and allow the submarine to rise. See →



- 1) Predict, demonstrate and calculate the density of various substances.
- 2) Design, using dry calculations, a barge that uses air to reduce overall density, will be buoyant (float) in water and will carry cargo.