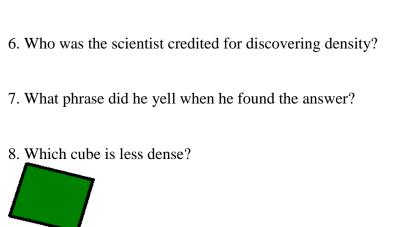
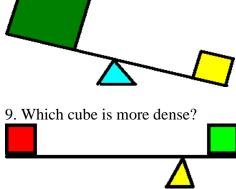
Name		Date	Period
	Density	Study Guide	
	 Write Equation Plug in Numbers Solve Equation Circle Answer Write Units 	Volume :	= Mass/Volume = Mass/Density ensity x Volume
1) A sam	ple has a mass of 64 grams and a v o	olume of 512 cm ³ . Wha	nt is its density ? (5pts)
•	ain metal has a density of 7.6g/cm ³ . u me ? (5pts)	If a sample of this met	al has a mass of 304g, what
	ain metal has a density of 7.6g/cm ³ . s mass ? (5pts)	If a sample of this met	ral has a volume of 42 cm ³ ,
salt water	Vater has a density of 1.03g/cm³. Where the second of 1.03g/cm³ and the second of th		
	m ³ of some substance has a mass of s material be? (5pts)	1 gram. What is the de	nsity of this material? What





- 10. Why does a Cartesian Diver sink when the bottle is squeezed?
- 11. Why does the diver float when the bottle is released?
- 12. Find the density of 3 of the cubes from the set. Cube A

Cube B

Cube C