1.	A block of metal has a of 2.0 mL. What is the A) 14.0 g/mL	mass of 14.0 g and a volume density? B) 7.0 g/mL	7. A bottle contains 39.5 g of liquid perfluorooctane (density 1.77 g/mL). What is the volume of the liquid?		
	C) 2.0 g/mL Ethyl acetate, an organing/mL. What is the mass A) 5.0 g B) 9.0 g C A large family car produced dioxide (CO ₂) in a year warming. What volume	D) 0.5 g/mL ic liquid, has a density of 0.90 s of 20. mL of ethyl acetate? 10. g D) 18 g E) 20. g luces 8000 kg of carbon	A) 0.0448 mL B) 10.1 mL C) 22.3 mL D) 47.0 mL E) 69.9 mL 8. A solid gold royal crown, density 18.4 kg/L, weighs 1.84 kg. If the crown were placed into a completely full bathtub of water, what volume of water would be displaced? A) 1.84 L B) 18.4 L C) 10 L D) 1.0 L		
	A) 0.00025 L C) 16,000 L E) 1.6 x 10 ⁷ L A bottle of sulfuric acid density of 1.81 g/mL. V A) 0.50 L C) 1.81 L E) 3.62 L	B) 1.0 L D) 2.0 L mass of 2.72 g and a volume	E) 0.10 L 9. Molten iron metal (density 7.55 kg/L) is flowing out of a furnace, which originally contained 10,000 kg (10 tonnes) metal. So far, the steel workers have collected 40 ingots that are each 25 L in size. Assuming the density of iron stays the same, how many more ingots can they expect to collect? A) 53 B) 40 C) 27 D) 17 E) 13 10. A batch of crude paracetamol weighed 370 kg whe wet with a solvent, ethanol. During the drying process, 100 L ethanol (density 0.79 kg/L) was removed. What mass of dry paracetamol remained A) 470 kg B) 449 kg C) 291 kg D) 270 kg E) 79 kg		
6.	A) 0.869 g/mL C) 1.15 g/mL E) 8.51 g/mL A sample of helium gas Helium has a density of in grams? A) 0.131 g C) 1.37 g	B) 0.933 g/mL D) 1.37 g/mL s has a volume of 1.37 L. f 0.179 g/L. What is the mass B) 0.245 g D) 4.08 g		of dry paracetamol remained? B) 449 kg	
	E) 7.65 g				