Advanced Unit 7 Review Problems

III

1. What is the molar mass of N2Cl8Br12?
2. **If it took 45.98 ml of 2.5 M NaOH to neutralize 79.45 ml of an unknown Hydroflouric acid, what is the molarity of the acid?**
3. **If it took 15.5 ml of an unknown sulfuric acid to neutralize 22.5 ml of a 2.5 M calcium hydroxide, what is the molarity of the acid?**
4. What is the mass of 1 formula unit of Barium Acetate?
5. **If an object had a density of 50.36 g/ml and a volume of 22 ml, what is the mass?**
6. **If an object had a density of 20 g/ml and a mass of 10 g, what is the volume?**