

Molarity Worksheet

Name _____

1. What is the molarity of a solution that contains 16.0 g NaOH in 2.00 L of solution.
2. What is the volume of a 0.250 *M* NaHCO₃ solution that contains 16.8 g NaHCO₃?
3. What mass of KBr would be needed to prepare 500.0 mL of 1.50 *M* KBr solution? Tell how this solution would be prepared.
4. What is the concentration of a solution that has been prepared by diluting 5.0 mL of 5.0 % (w/v) NaCl to a volume of 100 mL?
5. What volume of 6.0 *M* HNO₃ would be needed to prepare 600 mL of 0.100 *M* HNO₃? Describe how this solution would be prepared.