

## **Making Solutions Practice Worksheet**

- 1) Explain how you would make 450 mL of a 0.250 M NaOH solution.
  
  
  
  
  
  
  
  
  
  
- 2) To what volume will you have to dilute 30.0 mL of a 12 M HCl solution to make a 0.35 M HCl solution?
  
  
  
  
  
  
  
  
  
  
- 3) How many grams of calcium chloride will be needed to make 750 mL of a 0.100 M  $\text{CaCl}_2$  solution?
  
  
  
  
  
  
  
  
  
  
- 4) Explain why this experimental procedure is incorrect: To make 1.00 L of a 1.00 M NaCl solution, I will dissolve 58.5 grams of sodium chloride in 1.00 L of water.