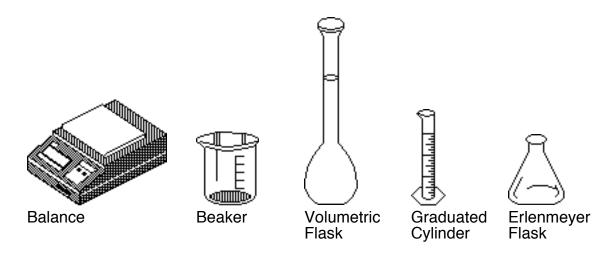
Name	Period
	Molarity Problems
1. What is the molarity of	4.500 moles of HCl diluted to 1.500 liters?
2. If 20.00 grams of NaOF molarity of the solution?	I are diluted in enough water to make 1.000 liter, what is the
3. How many grams of KO	OH are needed to makes 2.00 liters of 1.00 M solution?
4. What volume of NaCl is	s needed to have 8.75 moles if the solution is 1.50-M?
	15.6 Molar. If I want to prepare 1.00 L of 1.00 M solution how te do I need to dissolve?
	in 18.1 Molar concentrate. If I am making 200.0 mL of 2.00 molar concentrate do I need to dilute?

7. It is possible to buy NaOH as a liquid that is 19.1 M. If you need 3.79 L (1 gallon) of 0.50M how many millilitres of concentrate do you need to dilute?



8. You have the equipment pictured above. Describe how you would prepare 1.00 L of 1.00 M KNO $_3$  from the solid.

9. You have the equipment pictured above. Describe how you would prepare 1.00 L of 1.00 M HCl from the 12.1-M concentrate.

10. Draw a picture of the procedure you would follow to make 1.00 L of 0.250M NaOH. Make sure to include all mathematical detail.