

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Molarity Calculations

Calculate the molarities of the following solutions:

- 1) 2.3 moles of sodium chloride in 0.45 liters of water.
- 2) 1.2 moles of calcium carbonate in 1.22 liters of water.
- 3) 0.09 moles of sodium sulfate in 12 mL of water.
- 4) 0.75 moles of lithium fluoride in 65 mL of water.
- 5) 0.8 moles of magnesium acetate in 5 liters of water.
- 6) 120 grams of calcium nitrite in 240 mL of water.
- 7) 98 grams of sodium hydroxide in 2.2 liters of water.
- 8) 1.2 grams of hydrochloric acid in 25 mL of water.
- 9) 45 grams of ammonia in 0.75 L of water.