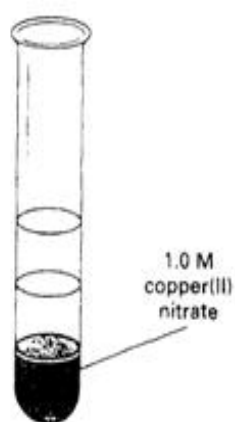


### PROCEDURE

1. Place 50 mL of water into the 100 mL beaker and heat it until boiling. This will be the water bath you will use in Step 5.
2. While the water bath is heating, use the lab marker and ruler to make three marks on the test tube that are 1 cm apart. Make the marks starting at the bottom of the test tube and moving toward the top.
3. Add 1.0 M copper(II) nitrate to the first mark on the test tube, as shown in Figure A.



**FIGURE A**

4. Add 1.0 M sodium hydroxide up to the second mark on the test tube, as shown in Figure B.  
**CAUTION** Sodium hydroxide is corrosive. Be certain to wear safety goggles and a lab apron. Avoid contact with skin and eyes. If any of this solution should spill on you, immediately flush the area with water and then notify your teacher.