

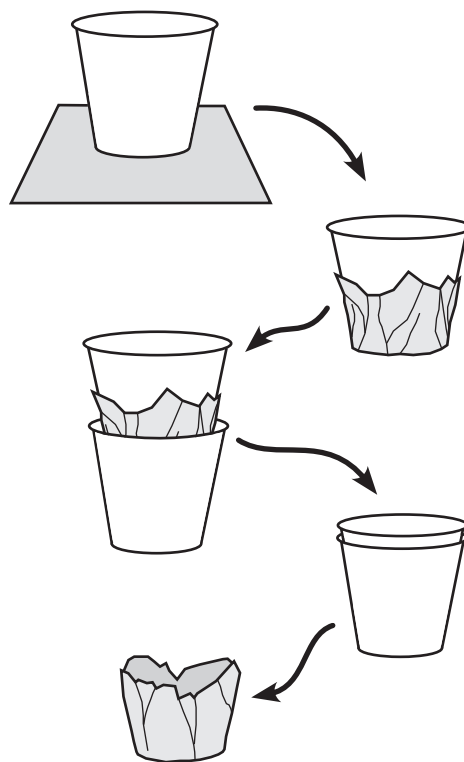
DISSOLVE OR MELT? A

Materials

- 2 Plastic cups
- 2 Aluminum foil squares
- 2 Paper cups
- 4 Candies, all one color
- Hot water
- Cold water

Prepare foil cups

- a. Place a paper cup in the center of a foil square. Bring the foil up around the edges of the cup.
- b. Place the foil-wrapped cup inside a second paper cup. Push gently but firmly all the way down.
- c. Remove the foil cup. The foil cup will float on the water in a plastic cup.
- d. Repeat the procedure to make a second aluminum foil cup.



Procedure

- a. Put about 150 mL of hot water in one plastic cup; put about 150 mL of cold water in the other plastic cup.
- b. Put an aluminum foil cup in each cup of water.
- c. Get four candies, all one color. Put one candy in each aluminum foil cup and one in the bottom of each of the cups of water.
- d. Don't stir, poke, or shake the candies or the cups. Observe to see if anything melts and if anything dissolves.

