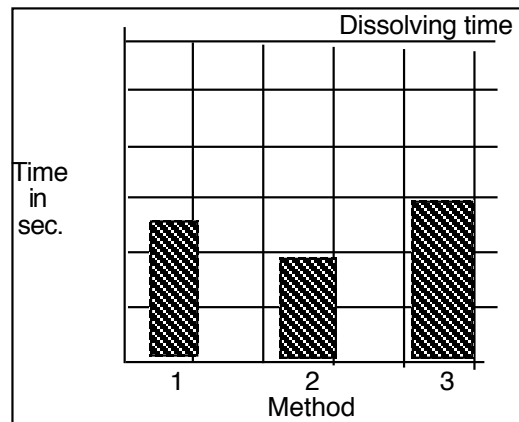


A Tasty Solution

Using “Smarties” candy:

1. Fill in definitions.
2. Read the procedure below then make the prediction for your hypothesis.
3. Do the experiment, timing the 3 dissolving methods.
4. Convert minutes to seconds
5. Tape the graph paper to the top back of the worksheet. Graph example:→



•Remember: Dissolving them in you mouth means you don't swallow any solid pieces. They must turn into liquid.

Procedure:

Method 1: Place one piece of candy in your mouth and allow it to dissolve without using your tongue or teeth to help! Record the time it takes for the candy to dissolve in the chart.

Method 2: Place another piece of candy in your mouth and allow it to dissolve using only your tongue to move it around. Record the time it takes for the candy to dissolve in the chart.

Method 3: Place another piece of candy in your mouth and allow it to dissolve using your tongue and teeth. Don't swallow pieces, let them dissolve! Record the time it takes for the candy to dissolve in the chart.