

WHAT YOU NEED: Grown-up - 1 cup

water - 2 cups sugar - 34 cup light corn

syrup - food colors - flavors like vanilla

extract - cooking oil - heavy cook pot

thermometer

WHAT TO DO:

with lid - foil - cotton swabs with paper

sticks, not plastic sticks Optional: candy

Boil the water. Add the sugar and syrup and

return to boil. Cover for 2 minutes.

Dear Cassie,

Yes. No. I mean, sometimes, It all depends on the variables the things that change, experiment-to-experiment. Vary is another way of saying change, and things like friction from your tongue or sucking speed vary. And that can change the answer.

We took between 432 and 537 licks to get the the chocolate center of a Tootsie Pop™. By the time we tried sucking them, we had run out of suckers. So, I suggest you conduct research and find out which is faster for you. But, like they say in commercials, your results may vary.

In the meantime, if you absolutely have a grown-up helper, you can make a lollipop or chupa for those tests.

> Believe it or not, you can actually buy a meter that will

Jax Place

Use a paper towel to *lightly* oil a piece of foil. Carefully pour a tiny bit of the hot mixture onto the foil. Clip the cotton off the swabs and ask your grown-up to lay the tip in the pool of melted sugar. Repeat for the next lollipops.

Let it cool for a whole 90 minutes.

Then lick or suck and keep track of it!

choose.

Gently peel the foil off the back.

count the number of licks you take on a sucker. Find it at www.BaronBob.com/lick.

Remove cover and boil with no stirring at all to 310°. This will take about 10-15 minutes of hard boiling. In candymaking, this temperature is called hard crack. You Can test for it by dropping a drop of the mixture into a glass of icecold water. If the sugar makes long threads that crack, your mixture has reached hard crack.

Remove it from the heat immediately. Slowly stir in 2 drops of the colors and 1/4 teaspoon of the flavor extracts you

P.S. from Beakman: When we find out something from directly doing or seeing it, we call it empirical research (m-PEER-a-kul), and that counts for counting licks or sucks, too.



2004





