

# Hello! Hello?



You are on the phone with your friend Jasmine when Jason slips you a note.

**GET OFF THE PHONE!**

You would ignore it, but Jason has your diary in one hand and the key in the other. He means business — your business.

You hang up and growl at him. "Pest."

"Motor mouth."

"Ding-a-ling."

"You yap on the phone more than the rest of the family put together," says Jason.

"That's because no one wants to talk to you," you snarl, grabbing both diary and key.

## WHO'S ON THE PHONE?

When Nora shows up, you are plotting your revenge. "Jason uses the phone just as much as I do, and I'm going to prove it."

"How?"

"I'm going to keep track of all phone calls in and out of this house for five days."

**You'll need:**

*a watch or clock*

*a pencil and paper*

*2 kinds of stickers*

1. Do your phone survey on five nights when everyone in the family is home. It doesn't have to be five nights in a row — any five nights will do. Write down all incoming and outgoing phone calls during

the same four-hour period each night. Record the number of calls and the length of each call on a chart.

2. Total the "calls" and "time" for each person. Now you've got the evidence (scientists call these numbers "data") to test your idea (or "hypothesis") that Jason uses the phone just as much as you do.

3. To be really scientific, present your data on a graph. Start with a "call" graph. Use one sticker for each call. Your final graph might look like the one on the left.

4. Now graph "time." Let each sticker represent the same amount of time, say five minutes. See the graph on the right.

