

DEVELOPING A RULER-DROP PROCEDURE TO TEST A HYPOTHESIS

1. With your partner, select a **hypothesis** from the list (or make up your own).

- Reaction** time improves with practice.
- Reaction** times are faster when people are standing rather than sitting.
- Reaction** times will be faster if you use the hand you write with.
- Reaction** times will be slower if your heart is beating very fast.
- _____

2. Why do you believe the **hypothesis** is true?

3. Provide the details of a **procedure** to test your hypothesis:

4. Now follow your **procedure** to test your **hypothesis**. Use this space to make tables for collecting your data:

5. Analyze all of your data. Does your evidence support your **hypothesis**? What are you now able to claim?

 DISCUSSION QUESTION

What can you now predict about other situations in which people must react quickly?