

# Estimating Your Reaction Time

## Lesson 6-13

DATE \_\_\_\_\_

TIME \_\_\_\_\_

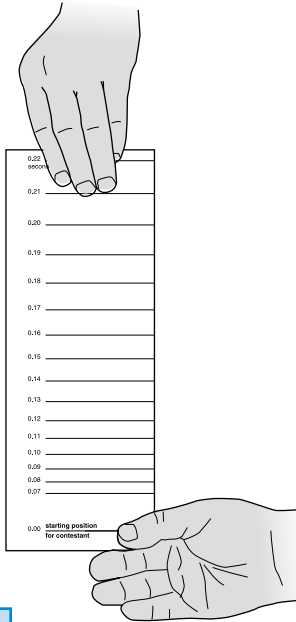
It takes two people to perform this experiment. The Tester holds the Grab-It Gauge at the top. The Contestant gets ready to catch the gauge by placing his or her thumb and index finger at the bottom of the gauge *without quite touching it*. (See diagram.)

When the Contestant is ready, the Tester lets go of the gauge. The Contestant grabs it as quickly as possible with his or her thumb and index finger.

The number grabbed by the Contestant shows that person's reaction time to the nearest hundredth of a second. The Contestant then records that reaction time in the data table shown below.

Partners take turns being Tester and Contestant. Each person should perform the experiment 10 times using his or her right hand.

Tester  
(holding Grab-It Gauge)



Contestant  
(not quite touching  
Grab-It Gauge)

Right-Hand Reaction Times (in seconds)				
1.	2.	3.	4.	5.
6.	7.	8.	9.	10.

1 Write your reaction times in order from fastest to slowest. **Answers vary.**

(fastest)

(slowest)

2 What is the difference between your fastest time and your slowest time? \_\_\_\_\_ sec