

# INVESTIGATION 1B MEASURING TIME AND DISTANCE (pg 3-5)

- How fast can you start and stop the timer? \_\_\_\_\_
- Reaction Time: Don't forget to include units!

Trial	Stopwatch Reading	Secret Number	Reaction Time
1			
2			
3			
4			

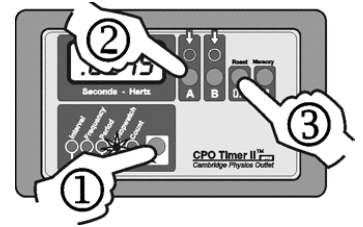
3. a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_ order: \_\_\_\_\_

4. a. How do you start the clock?

b. How do you stop the clock.

c. What interval has been measured?

Define Interval:

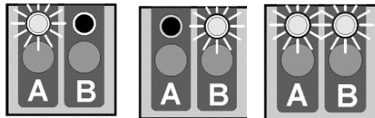


d. Does the timer add or reset? How can you prove it?

e. What is your group's fastest time? Describe your method.

5. Using the timer with 2 photogates

A light	B light	How do you start the clock?	How do you stop the clock?	What time interval does the clock measure?
On	Off			
Off	On			
On	On			
Off	Off			



6. One sentence answer:

7. Don't forget to include units!

Book name	Total thickness	Number of pages	Thickness of one page

Extra Credit:

8. Converting between the metric units of distance:

9. Measuring distances in different units