

Attach this sheet with the data table filled in to your lab report.

Intro: Discuss how messages are sent to our brain and back and the problem for this lab listed below.
Problem: How does your reaction time change when you are distracted?

Procedure: Describe specifically how you carried out the experiment.

Data:

Ruler Fell (cm)	Time (sec)
2	0.08
4	0.09
6	0.11
8	0.13
10	0.14
12	0.16
14	0.17
16	0.18
18	0.19
20	0.2
22	0.21
24	0.22
26	0.23
28	0.24
30	0.25
32	0.26
34	0.26
36	0.27
38	0.28
40	0.29
42	0.29
44	0.3
46	0.31
48	0.31
50	0.32
52	0.33
54	0.33
56	0.34
58	0.34
60	0.35

	Normal Conditions		Distracted Conditions	
Trial	Centimeters ruler fell	Time in seconds	Centimeters ruler fell	Time in seconds
1				
2				
3				
4				
5				
6				
Total				
Average				

Error Analysis: List any possible sources of error.

- Questions:**
1. What was the stimulus in this activity?
 2. Why would distractions affect reaction time?
 3. What could happen to a person who is distracted while she is driving a car?
 4. What are some distractions or other factors that could affect reaction time?
 5. Describe the reflex arc.

Conclusion: Answer the problem and discuss what you have learned this chapter about this topic.