Physics Lab Student Answer Sheet

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Section Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Instructions: Follow the steps outlined in your *Physics Lab Manual* for Lab 8. Use this answer sheet to record your answers. Anywhere you are asked to draw a graph, take a screenshot instead and paste it into this document. When you have completed the lab, save this file and then submit it to your instructor for grading.

Part 1

4. <Insert screenshot>

5. 

6. Calculated potential = \_\_\_\_\_\_\_(*Show your work.*)

7. Measured potential = \_\_\_\_\_\_

Comparison of actual and measured potential = \_\_\_\_\_\_\_\_%

10. <Insert screenshot>

11. 

12. Calculated potential = \_\_\_\_\_\_\_ (*Show your work.*)

13.Actual potential = \_\_\_\_\_\_

Comparison of actual and measured potential = \_\_\_\_\_\_\_\_%

Part 2

3. <Insert screenshot>

4. For the positive charge, r = \_\_\_\_\_\_m  
For the negative charge, r = \_\_\_\_\_\_m

Calculated potential (for positive charge) = \_\_\_\_\_\_\_****

Calculated potential (for negative charge) = \_\_\_\_\_\_\_****

5. Sum of Potential 1 and 2: \_\_\_\_\_\_\_\_\_\_\_\_****

Questions

1.

2.

3.

(End of Student Answer Sheet)