



## Electricity and Magnetism / Set 1 / Animation 4

Name \_\_\_\_\_ Class \_\_\_\_\_

&lt;Show all work on calculations. Include proper units. Explanations require complete sentences.&gt;

**Questions for Animation 1**

- 1) What is the sign of the charge of a test charge?
  
- 2) What is the charge of the object on the left? \_\_\_\_\_
  
- 3) What is the charge of the object on the right? \_\_\_\_\_
  
- 4) Where (if anywhere) is the electric field strength zero?
  
- 5) Which object has the greater charge and how can you tell?

**Questions for Animation 2**

- 6) What is the charge of the object on the left? \_\_\_\_\_
  
- 7) What is the charge of the object on the right? \_\_\_\_\_
  
- 8) Where (if anywhere) is the electric field strength zero?
  
- 9) Which object has the greater charge and how can you tell?