Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<https://www.khanacademy.org/test-prep/mcat/chemical-processes/separations-purifications/v/gel-electrophoresis> Watch only up until 4:40

Watch the above video and answer the questions below.

Gel Electrophoresis video Notes:

1. What is gel electrophoresis used for in a biochemistry lab?
2. Draw the general set up of a gel electrophoresis. Include the (-) and (+) ends, wells, and battery. Make sure to label which way the DNA fragments will move.

DNA Ladder

1. Which fragments travel the furthest and what is the measurement of the fragments?
2. When the fragments are sorted out what information can we gather from the gel? (Mr. Krebs will provide another example too).