Gel Electrophoresis Explanation

Directions: Watch the following video and answer the questions.

https://www.youtube.com/watch?v=Swrr_EW8z9Y

Questions:

1. What is electrophoresis?
2. What is used to cut DNA into fragments?
3. What are the bases found in DNA?
4. What is the purpose of agarose?
5. Why does DNA migrate towards the positive electrode?
6. Why are smaller molecules able to move faster through the gel?
7. What do the bands represent?
8. What are some applications for using DNA fingerprints?