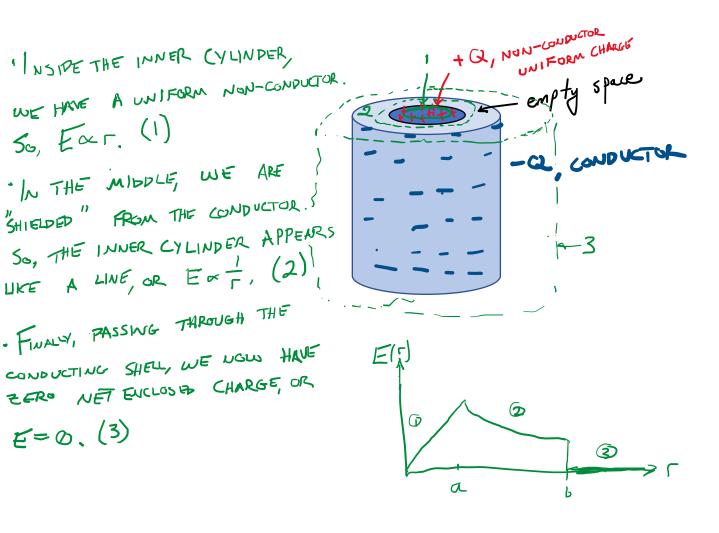
## **Graphing Electric Fields Using Gauss**

Graph the electric field resulting from the following set of <u>infinite</u> coaxial cylinders (where the inner cylinder has a radius "a", and the outer cylinder has a radius "b".



Graph qualitatively the electric field of the following charge distributions...

- A uniformly charged, non-conducting sphere of positive charge.
- A conducting sphere of negative charge.
- Two concentric conducting shells, an inner one with -Q and a positive shell of +Q.

