Homework Questions

Does the electric field near a large sheet of charge depend on the distance from the sheet?

- 1. Why we take infinite sheet of charge?
- **2.** What is the importance of Gauss's Law?
- **3.** Prove that Gauss's Law and Coulomb's law are equivalent.
- **4.** We already have a coulomb's law for calculating the electric filed then why

Gauss's law has been introduced?