

Recap

- **E Field has magnitude and direction:**
 - $E \equiv F/q$
 - Calculate just like Coulomb's law
 - Careful when adding vectors
- **Electric Field Lines**
 - Density gives strength (# proportional to charge.)
 - Arrow gives direction (Start + end on –)
- **Conductors**
 - Electrons free to move $\Rightarrow E = 0$