Coulomb's Law

Charles Coulomb figured out that electrostatic force (Fe) increases the closer to charged objects get and electrostatic force (Fe) increases as the charge gets larger. The formula you will be working with is:

$$Fe = \frac{k\, q1\, q2}{r^2}$$

Where: Fe = electrostatic force (N) *forces are always in newtons*

q1 = charge of one object in coulombs (C)

q2 = charge of 2nd object in coulombs (C)

r = distance between centres of 2 objects (m)