Coulomb's Law Math Help

$$F = K \frac{q_A q_B}{r^2}$$

A balloon is rubbed against a jacket and gains a charge of -8 microcoulombs. What is the electric force between the balloon and the jacket if the 2 are separated by 5 cm? (Assume these are point charges) $F = K \frac{q_A q_B}{r^2}$

Givens: r = 0.05 meters $K_C = 8.99 \times 10^9 \text{ N*m}^2/\text{C}^2$ $q_{\text{balloon}} = -8 \times 10^{-6} \text{ C}$ $q_{\text{jacket}} = 8 \times 10^{-6} \text{ C}$ A proton and an electron are separated by a distance of 5.3×10^{-11} meters. Find the magnitude of the electric force and the gravitational force that each particle exerts on the other.

 $F = K \frac{q_A q_B}{r^2}$

2 point charges of +60 μ C and +50 μ C exert a force on each other of 175 N. what is the distance between the 2 charges? $F = K \frac{q_A q_B}{r^2}$

Givens: $K_C = 8.99 \times 10^9 \text{ N*m}^2/\text{C}^2$ $q_A = 60 \times 10^{-6} \text{ C}$ $q_B = 40 \times 10^{-6} \text{ C}$ F = 175 N $r = \underline{\hspace{1cm}}$