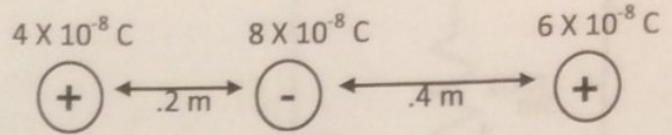
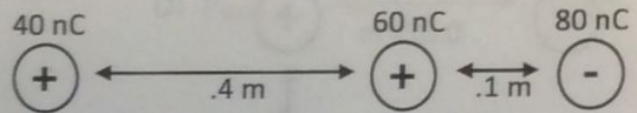


### Coulomb's Law Problems 3

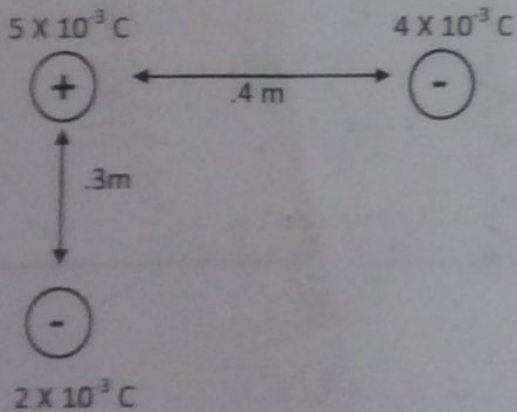
1. What is the force on the negative charge?



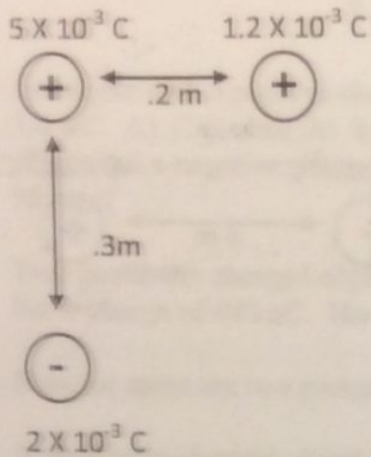
2. What is the force on the positive charge on the left??



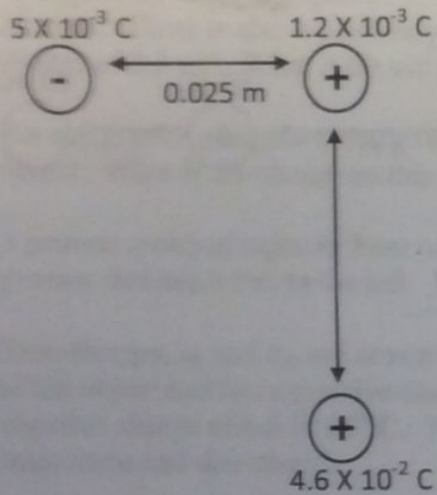
3. What is the force on the positive charge?



4. What is the force on the positive charge in the middle?



5. What is the distance between the top and bottom objects if the net force on the  $1.2 \times 10^{-3} \text{ C}$  object of  $203029230.5 \text{ N}$  at  $64.8142^\circ$  North of West?



6. What is the net force on the  $32 \times 10^{-6} \text{ C}$

