

Classwork 5-15

1. What is the strength of electric field around an alpha particle ($q = 3.2 \times 10^{-19} \text{ C}$), ~~from $2.0 \times 10^{-9} \text{ m}$~~ $2.0 \times 10^{-9} \text{ m}$ away?
2. Say we placed an electron the same distance away ($2.0 \times 10^{-9} \text{ m}$) from the alpha particle, what is the force on the electron? Is it ~~attracted~~ attracted to the alpha particle?