

2) A charge isn't created, electrons are moving
① every electron lost on the glass rod is one gained by the cloth, leaving a net charge of 0

7) Force doesn't stay constant

The extra charge in the nucleus would double the force pulling on each electron bringing them closer to the nucleus
which is why the helium atom is smaller than the hydrogen atom

8) I believe I should have received full points on this, all my calculations are correct (including direction) when I compared answers with my peers, I do not have any idea where I went wrong in this question.