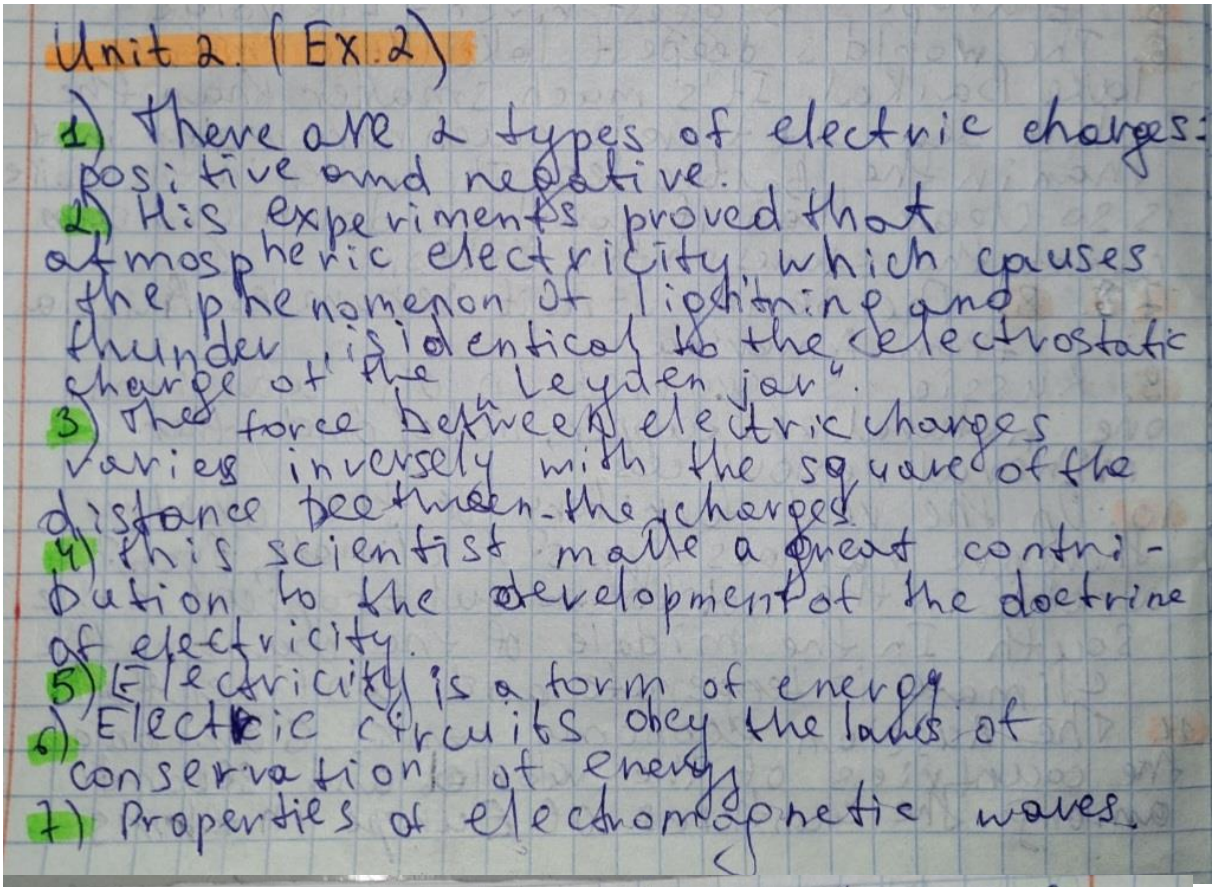
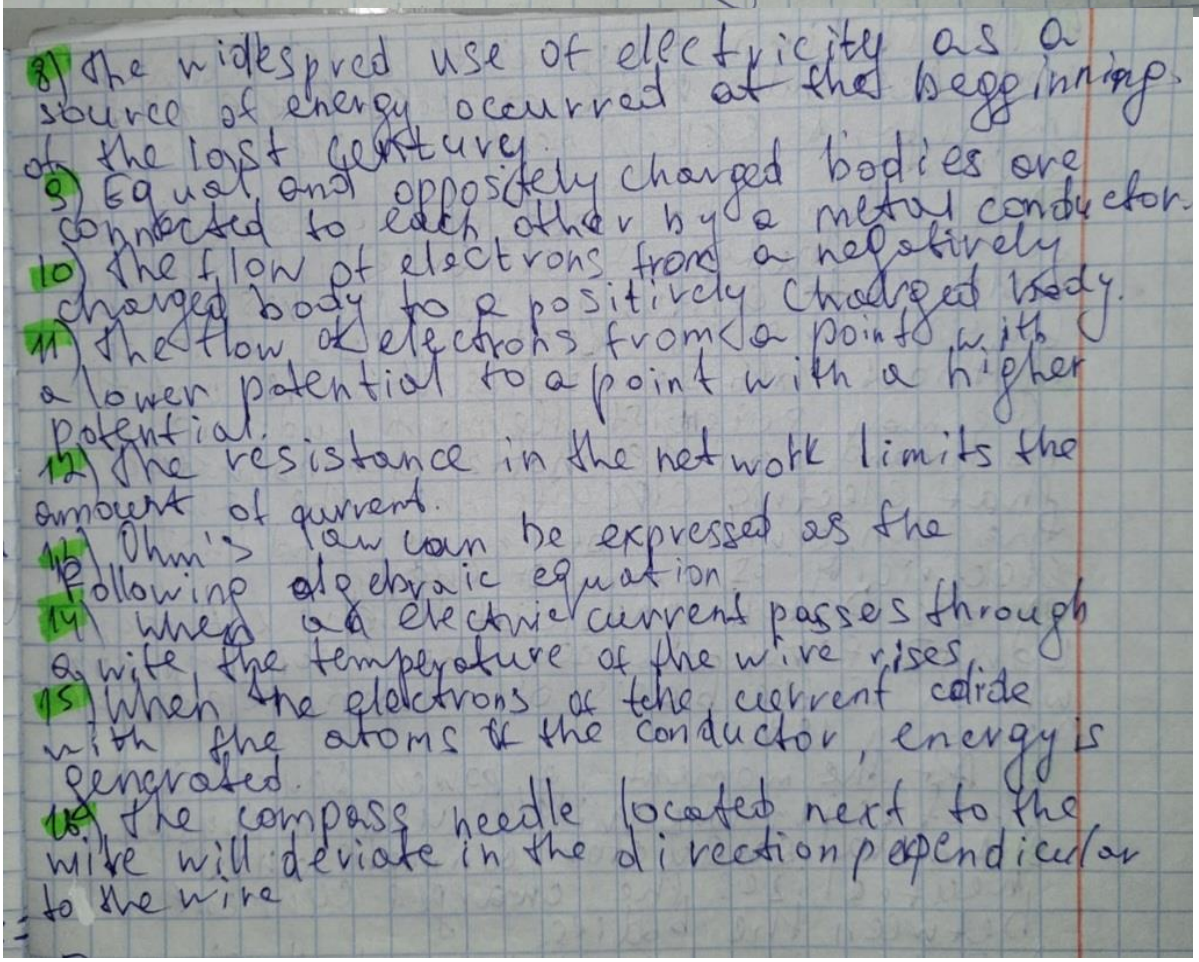
Задание 2



Unit 2. (Ex. 2)

1) There are 2 types of electric charges: positive and negative.
2) His experiments proved that atmospheric electricity which causes the phenomenon of lightning and thunder is identical to the electrostatic charge of the Leyden jar".
3) The force between electric charges varies inversely with the square of the distance between the charges.
4) This scientist made a great contribution to the development of the doctrine of electricity.
5) Electricity is a form of energy
6) Electric circuits obey the laws of conservation of energy
7) Properties of electromagnetic waves.



8) The widespred use of electricity as a source of energy occurred at the beginning of the last century
9) Equal and oppositely charged bodies are connected to each other by a metal conductor.
10) the flow of electrons from a negatively charged body to a positively charged body.
11) the flow of electrons from a point with a lower potential to a point with a higher potential.
12) The resistance in the network limits the amount of current.
13) Ohm's law can be expressed as the following algebraic equation
14) when an electric current passes through a wire the temperature of the wire rises.
15) When the electrons of tehe current colide with the atoms of the conductor, energy is generated.
16) the compass needle located next to the wire will deviate in the direction perpendicular to the wire