Consolidation of the Ohm Law- - Worksheet

Names and surnames _____

1. The chain has a 12 V source and a 6 Ω resistance rheostat. How strong is the current in the chain? (2points)
   a. How long did the current flow, if 10 C charge has flown? (2 points)

   b. What charge will flow in 30 seconds? (2points)

2. Join and draw the electric chain(*in your task sheets*) which consists of 1resistor, 1 ammeter, 2 bulbs, 1 switch, 1 battery.Use :: **https://phet.colorado.edu/** (4points)

After joining the el.chain,take a photo of the screen and save it in your task folder together with your programming tasks.

ADDITIONAL TASK

1. Draw an electric chain according to scheme 1
   a. Count the electric voltage in the chain when the current is switched on. (2points)

   b. What voltage will there be with the switch turned on if the ammeter shows the same? (2points)

Join and check how this scheme works. Describe the result(with the switch on).

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