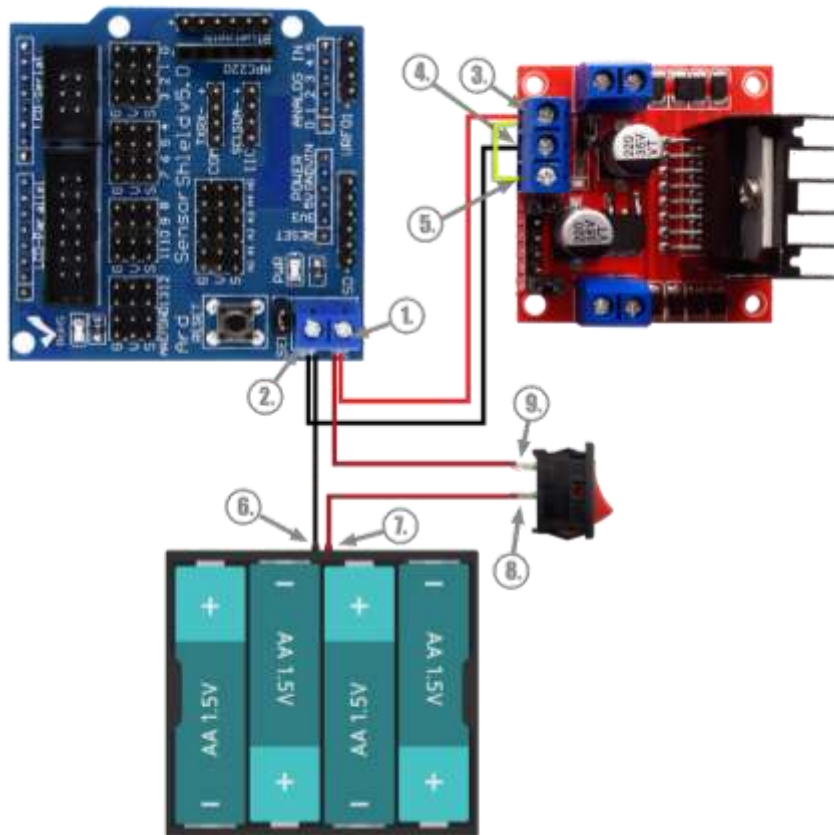## Connecting the battery holder and the switch to supply power

This diagram presents how to provide the circuit with an extra source of power, by using a 4-AA battery holder with free wires and an on-off switch.

- Connect the ground of the battery holder (**6.**) to Shield's ground (**2.**).

- Connect the 5V (**7.**) of the battery holder to Shield's 5V (**1.**) through the two pins (**8.**, **9.**) of the switch.

Notes:

You will probably need a wire stripper or a cutter and a soldering iron or a hot glue gun for connecting the switch to the circuit.

A small screwdriver might also be useful for connecting the wires of battery holder to Arduino Sensor Shield.

Notes: