



Materiales



Tarjeta Arduino No. 1





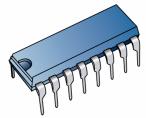
Protoboard



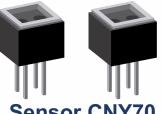
8 cables macho-hembra



2 Motorreductores



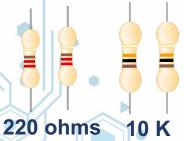
Driver de potencia **Tipo Puente H**



Sensor CNY70



Rueda loca



4 minutos

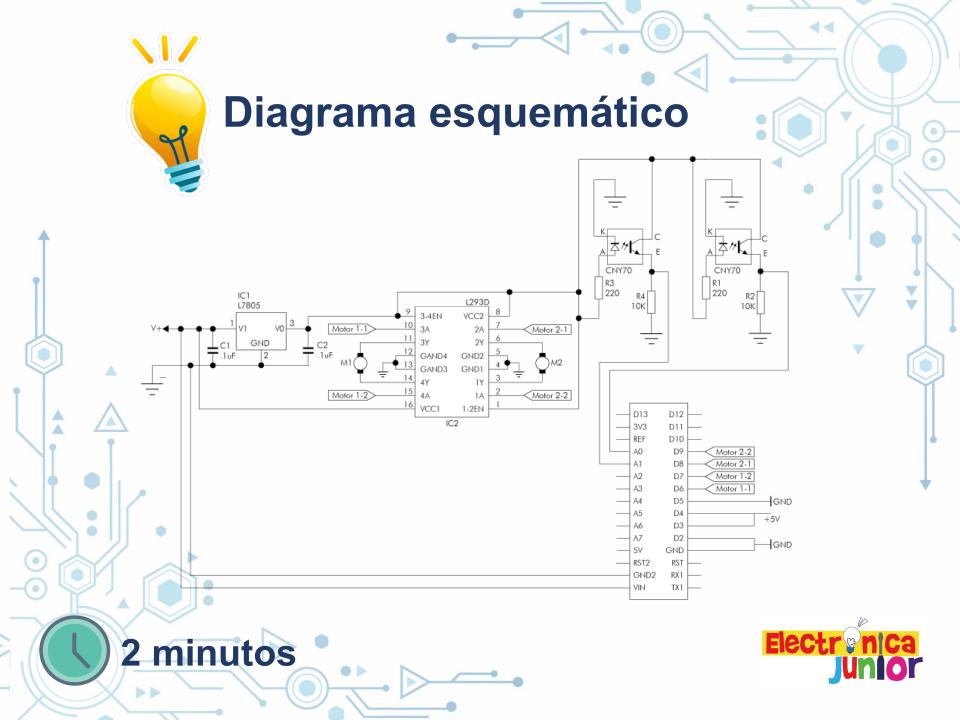






Capacitores 104



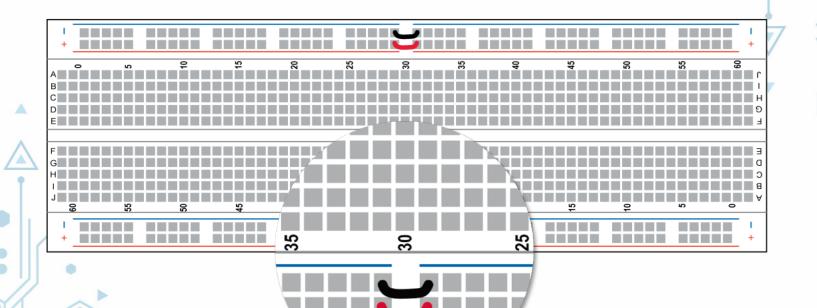






Coloca puentes en las líneas de voltaje de ambos extremos

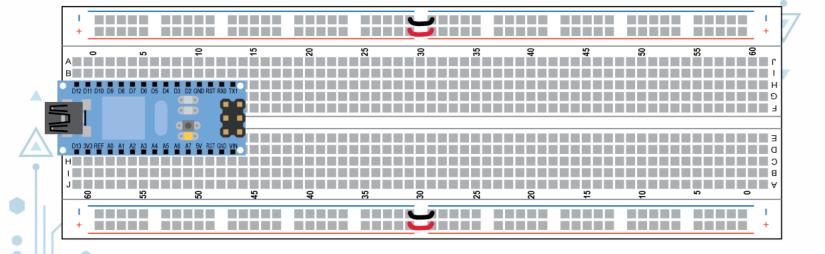
(si tu protoboard es continua, omite este paso)



2 minutos

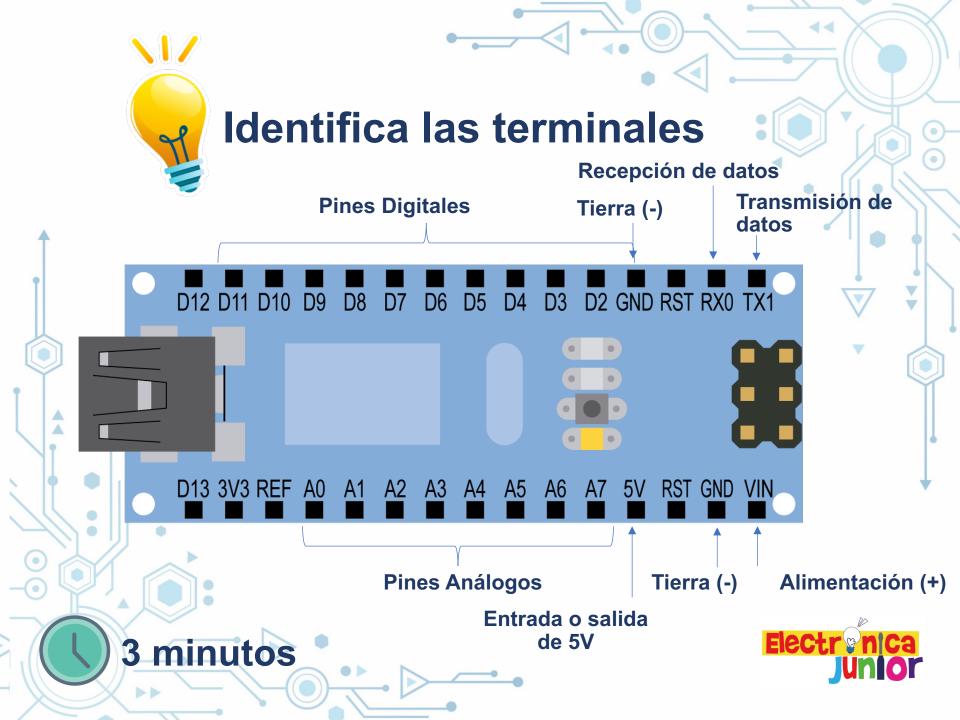








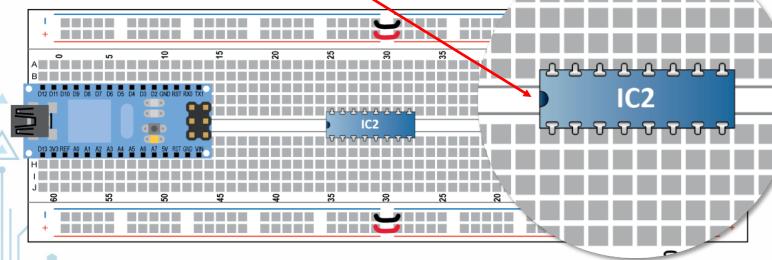






Conectamos el Driver Puente H

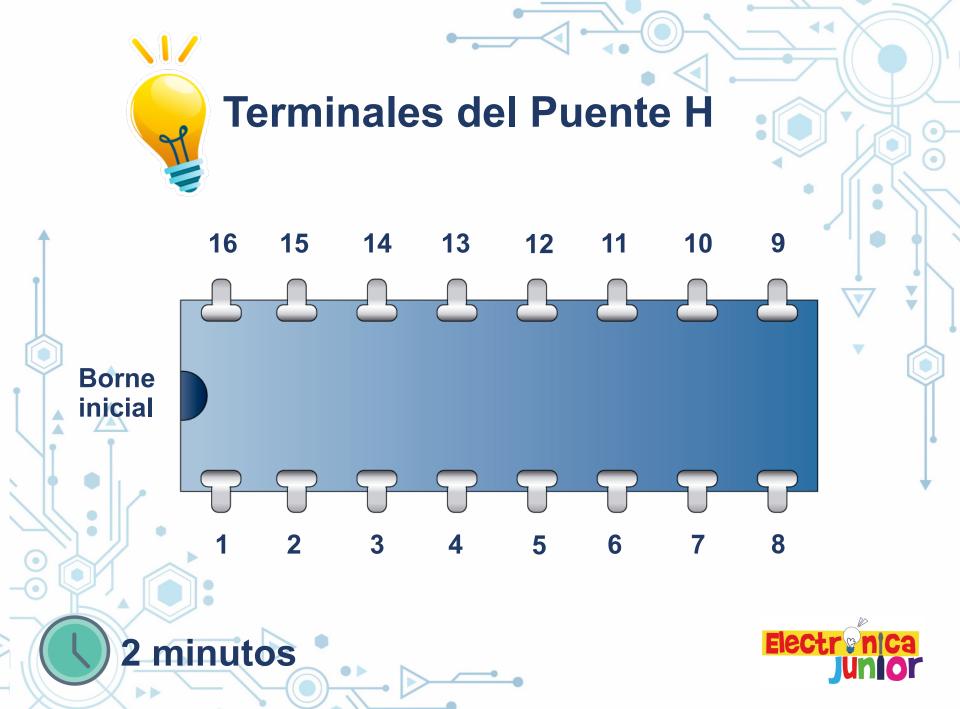
Coloca el Puente respetando la posición este borne

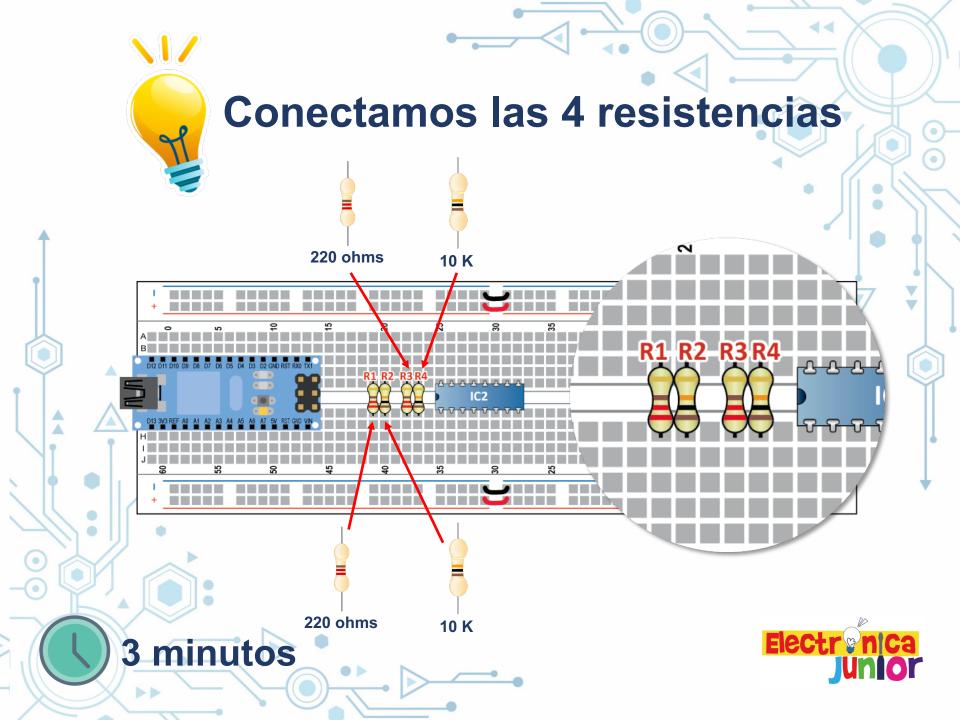


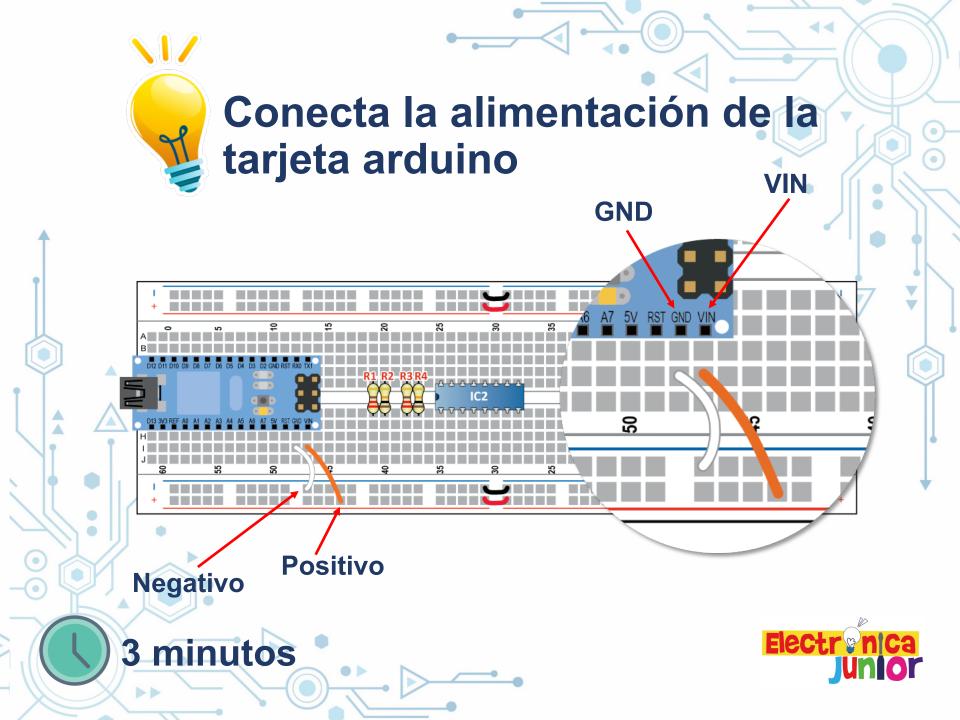
El Puente H se usa para permitir a un motor eléctrico girar en ambos sentidos, avanzar y retroceder

2 minutos



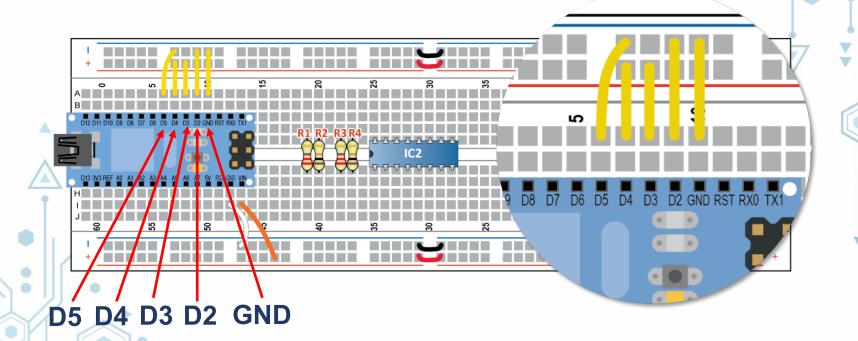








Conecta terminales de la tarjeta Arduino

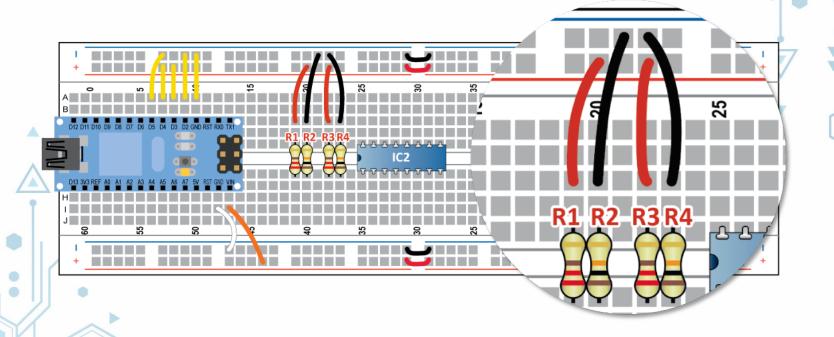








Conectamos los puentes de las resistencias

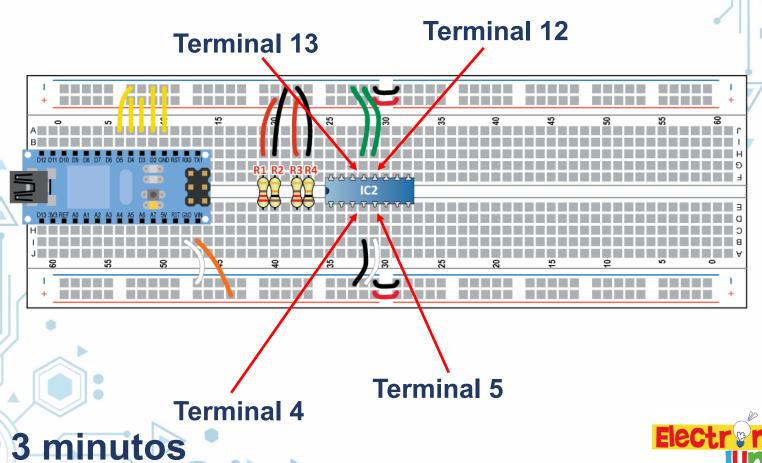


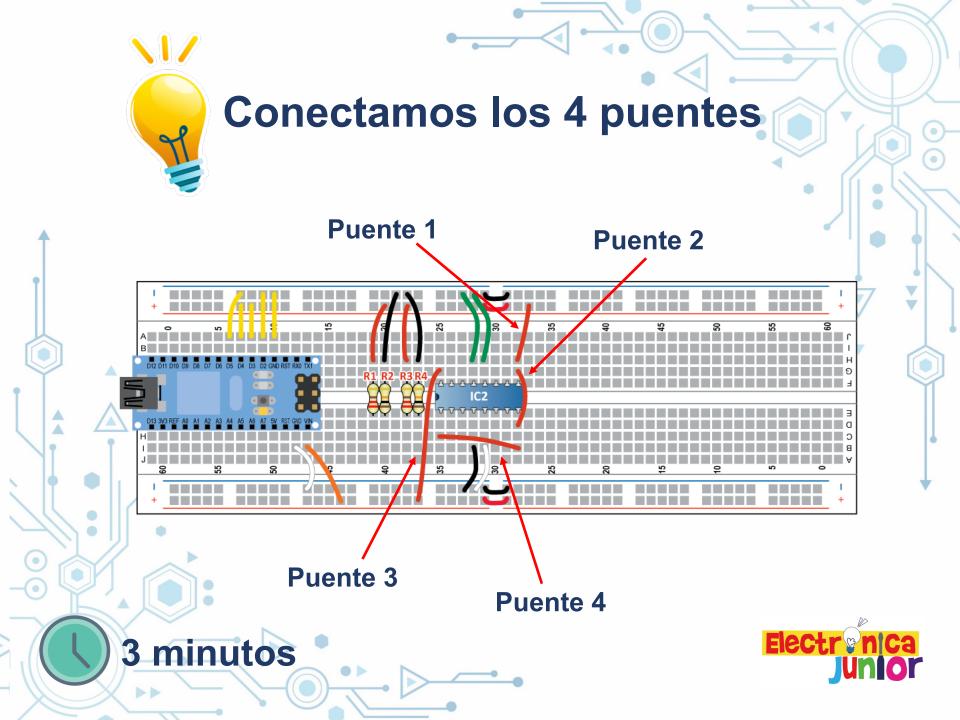






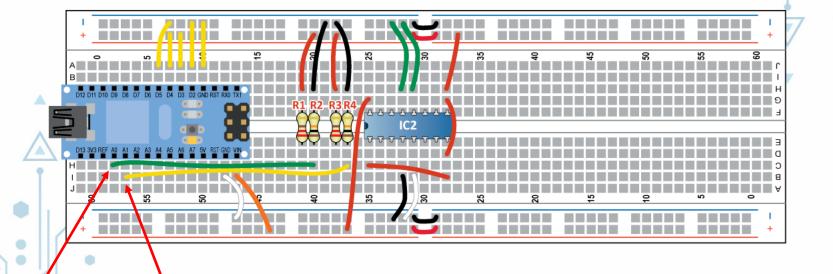
Conecta hacia negativo estas 4 terminales del Puente H







Conectamos los 2 puentes del Arduino a las resistencias





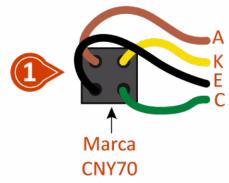


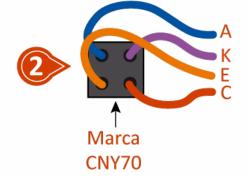


Conexión de los sensores CNY70



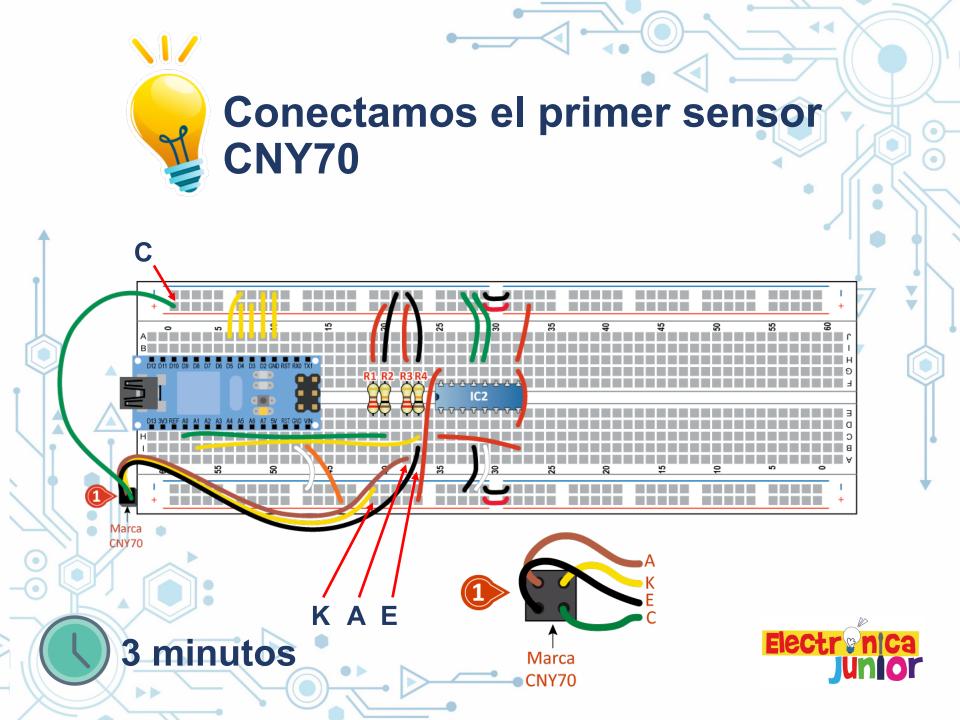
El sensor tiene una marca, la cual debe colocarse como se indica para que las terminales de conexión correspondan.

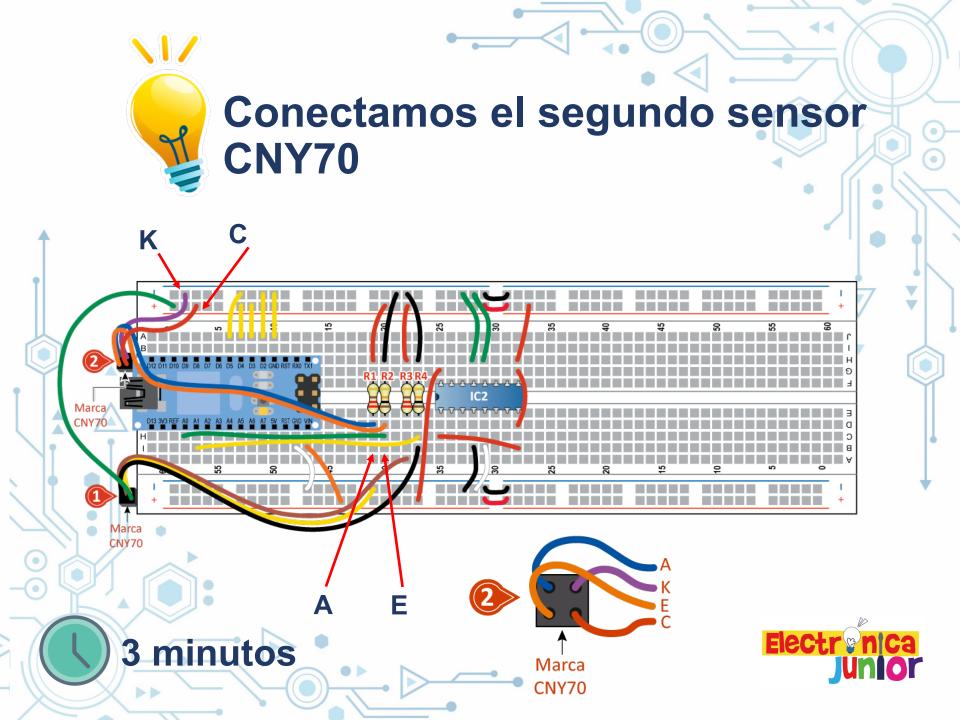


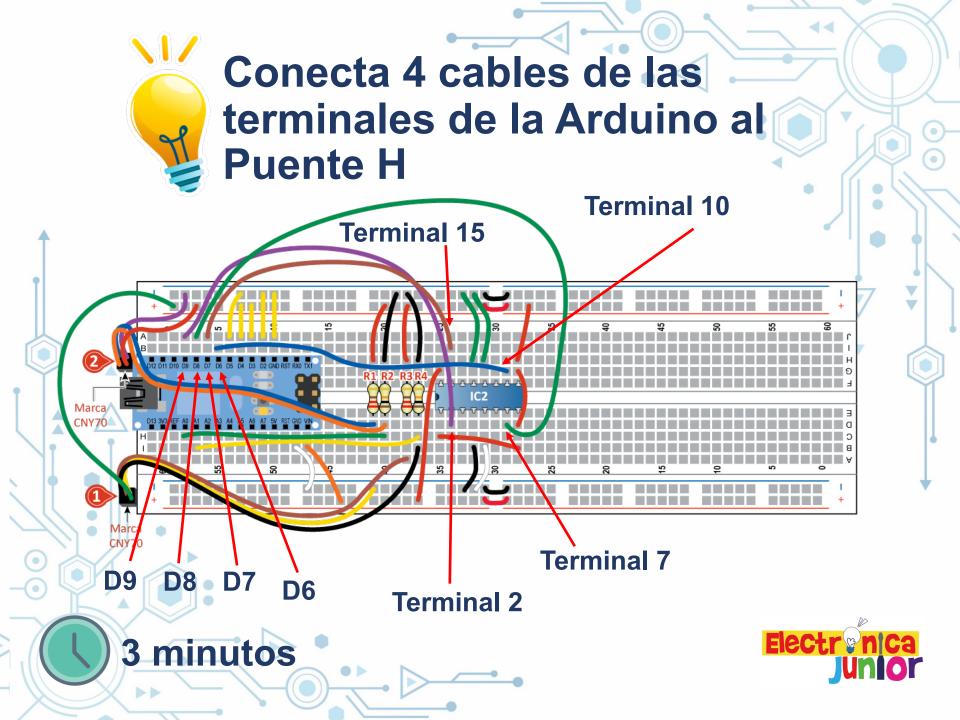


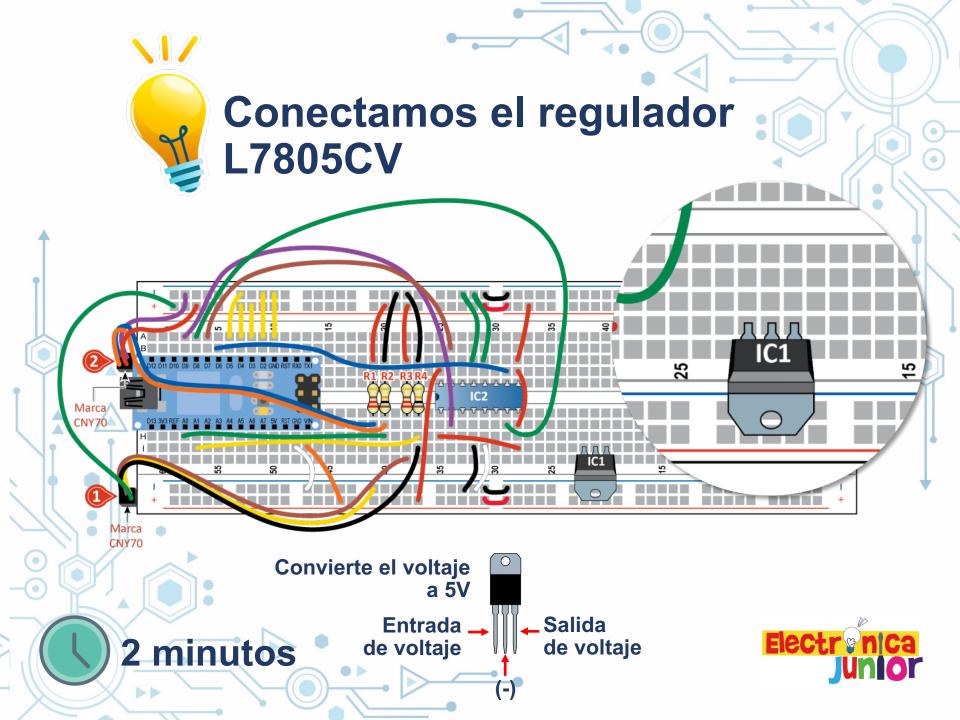


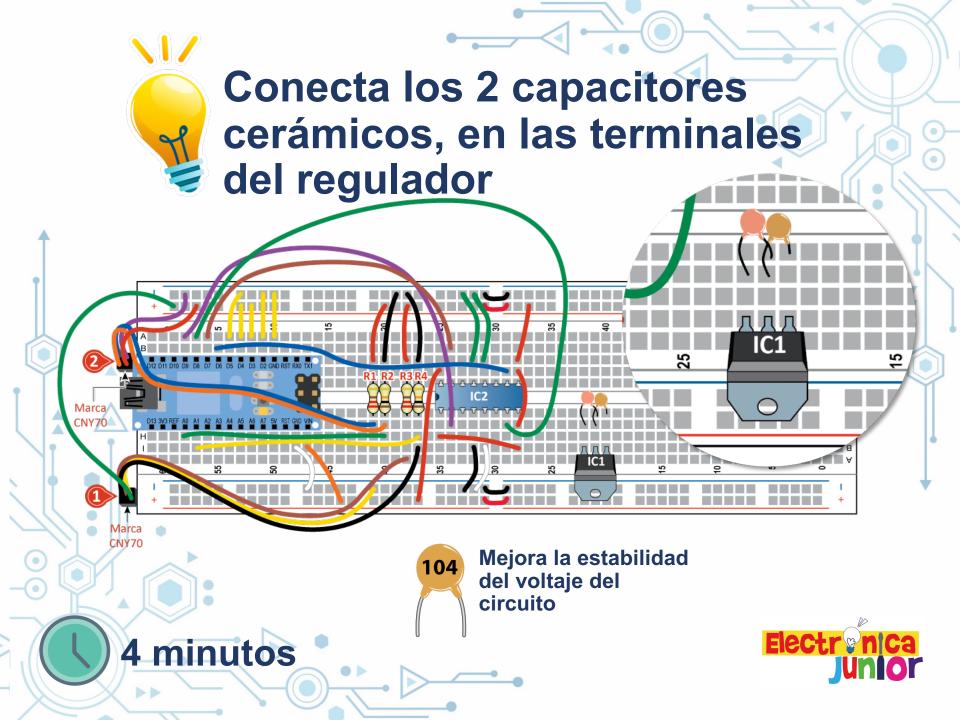


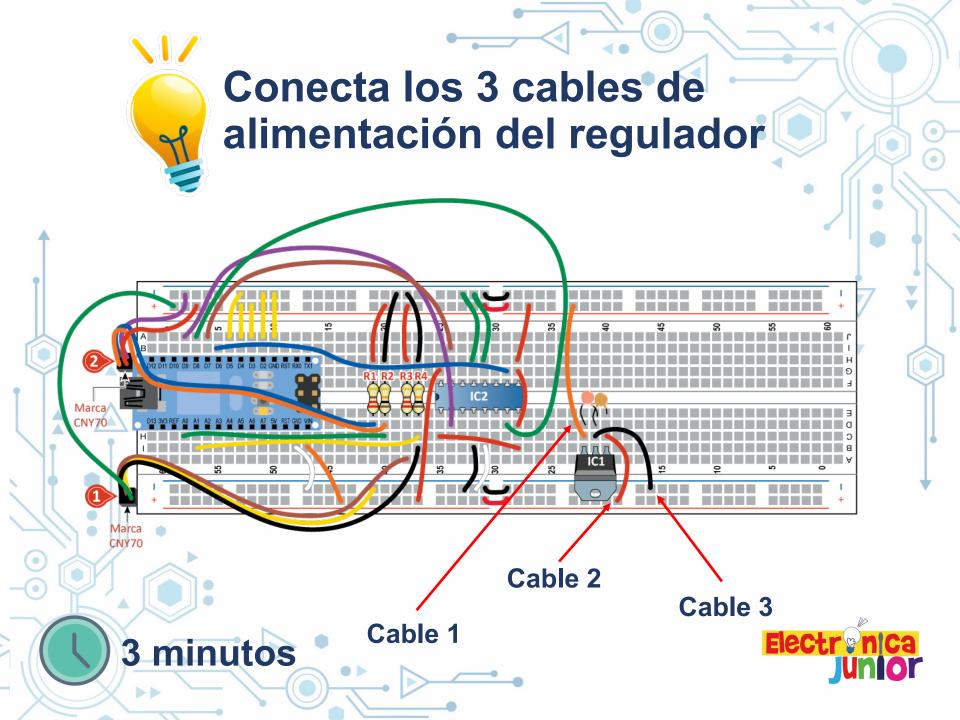


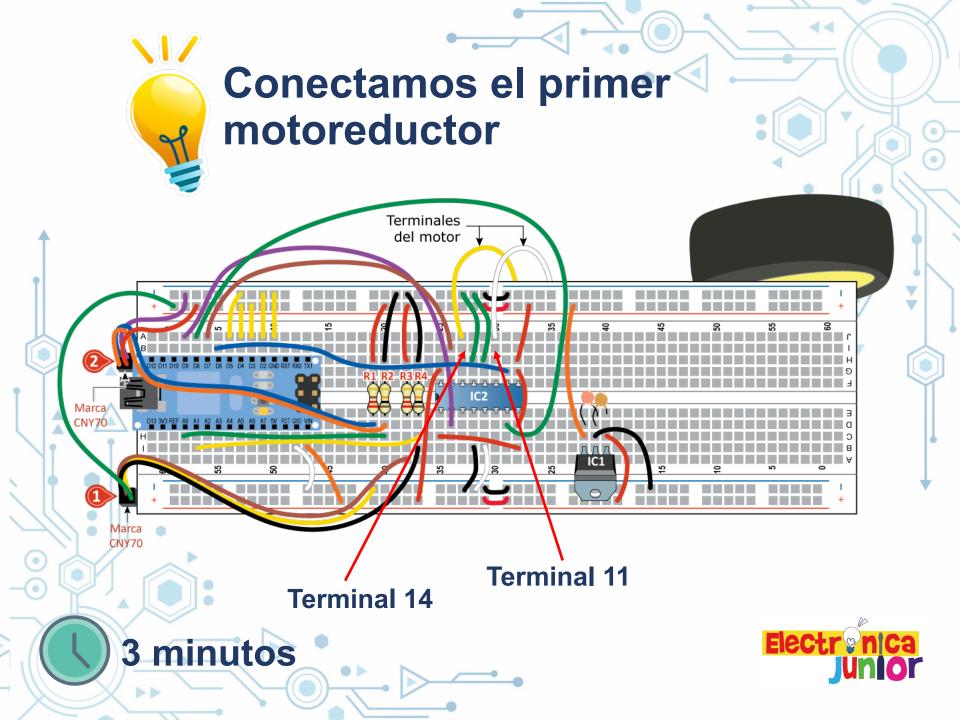


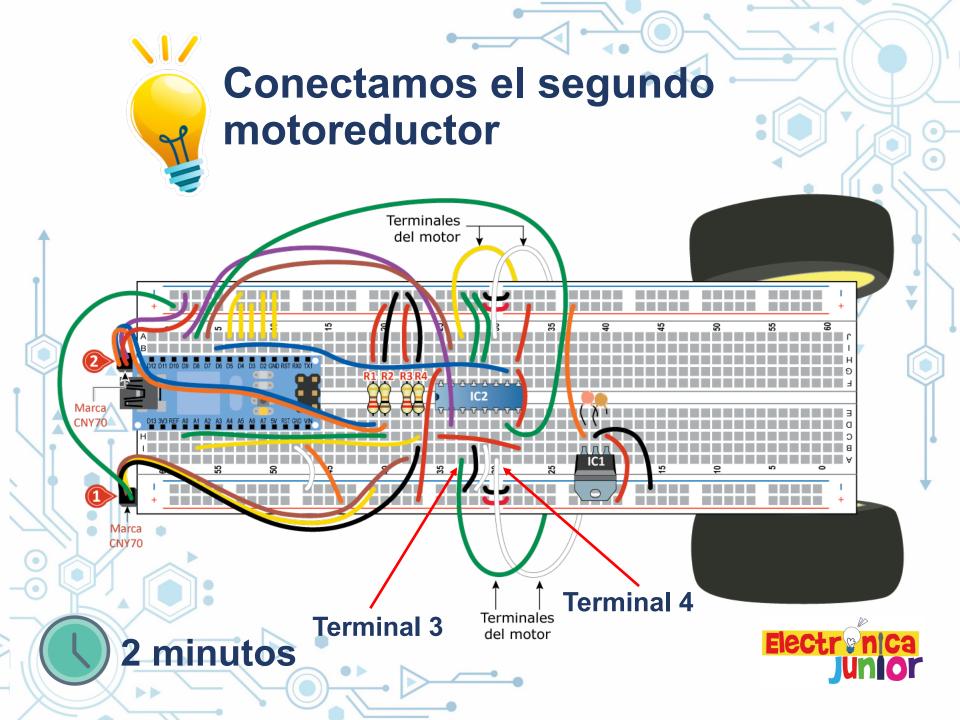


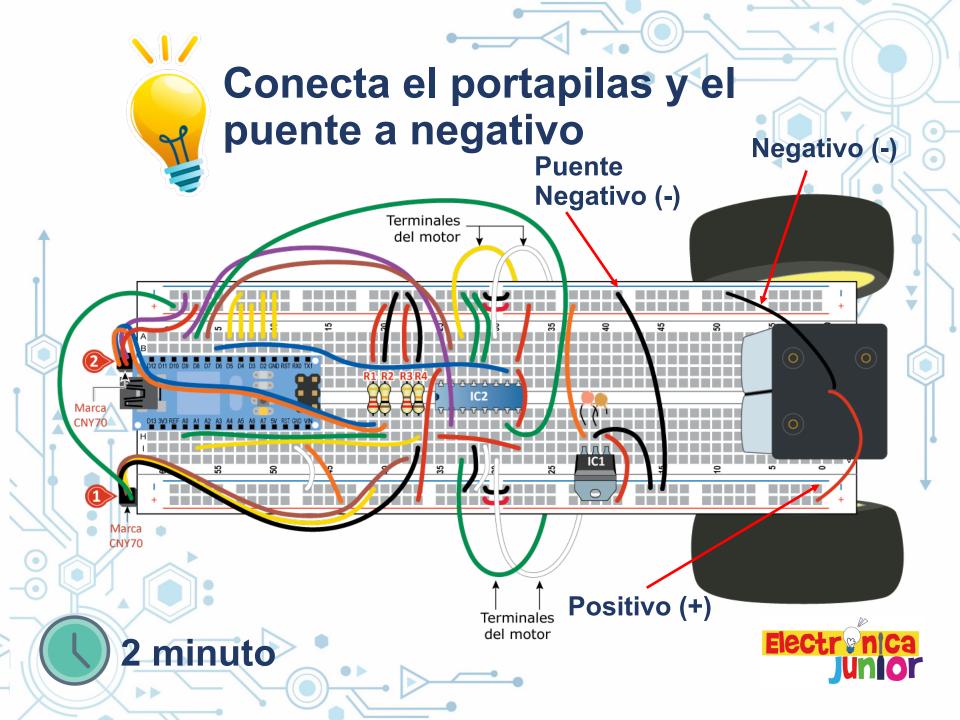














Pega líneas con cinta de aislar y coloca el proyecto para que veas como sigue las líneas

