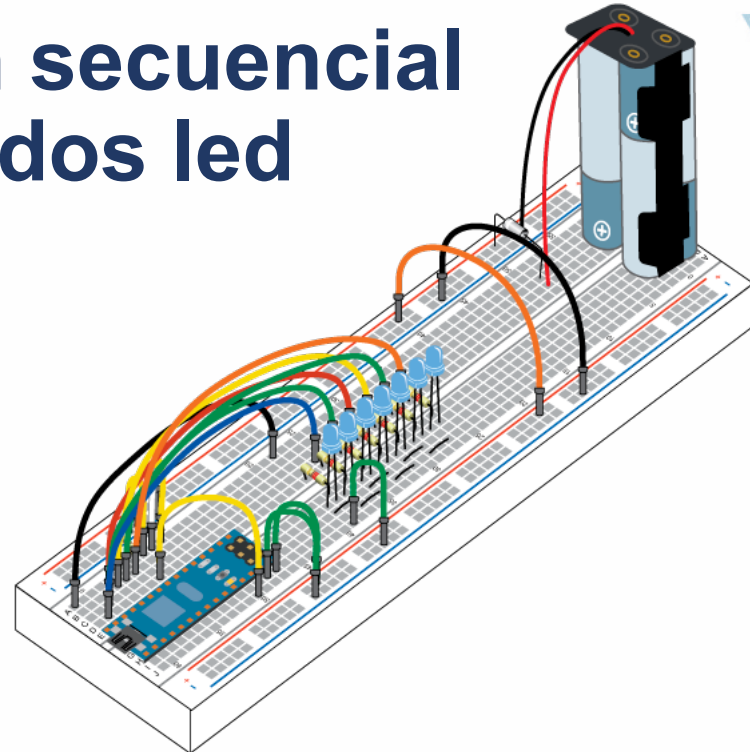




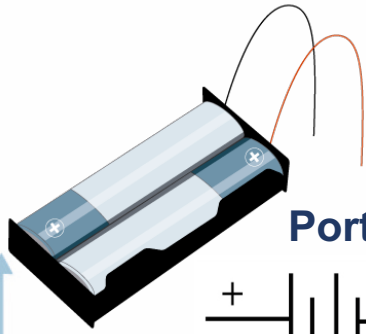
Práctica 13

Activación secuencial de diodos led

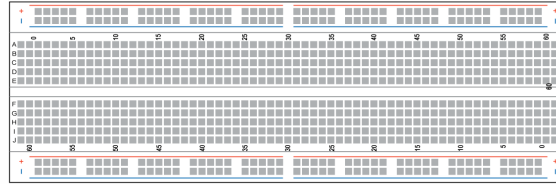




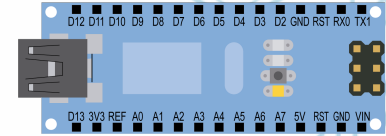
Materiales



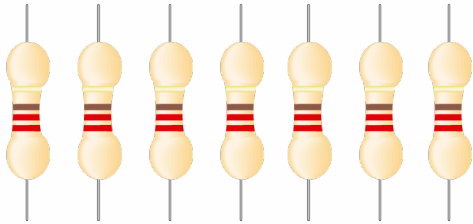
Portapilas



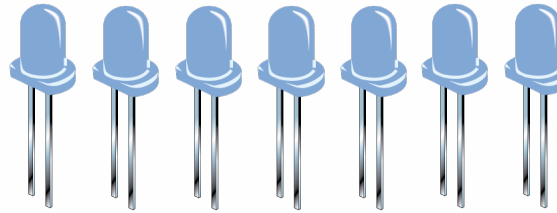
Protoboard



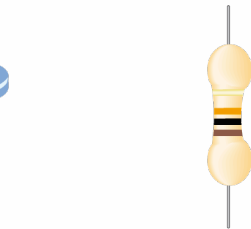
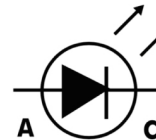
Tarjeta Arduino No 1



7 resistencias 220 ohm



7 diodos leds



1 resistencia 10 K



1 diodo
rectificador



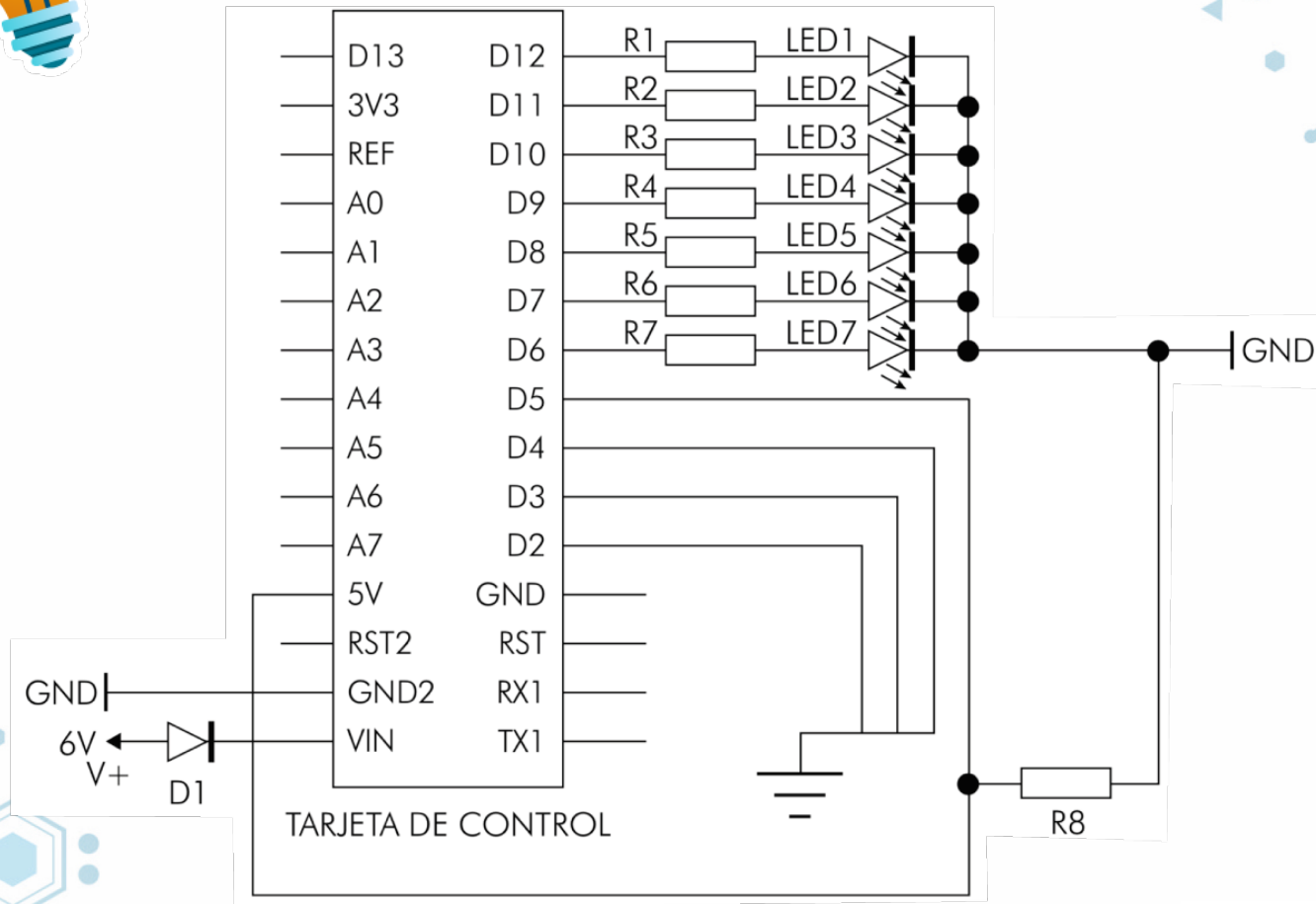
Cables de distintos
tamaños



4 minutos



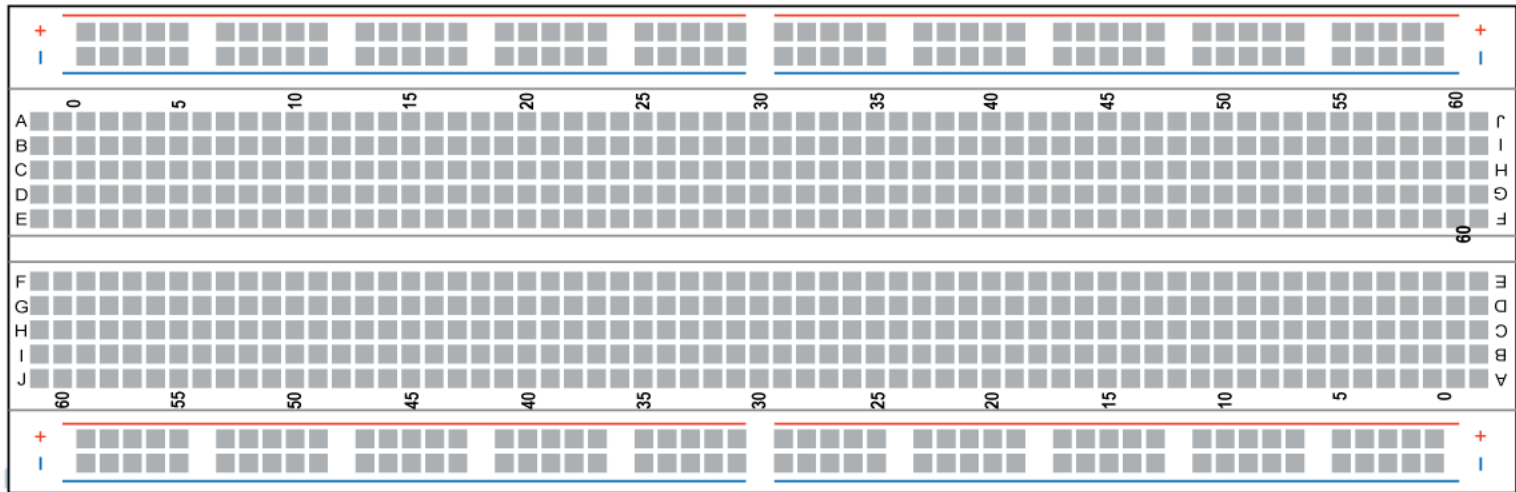
Diagrama esquemático



2 minutos



¿Cómo funciona la Protoboard?

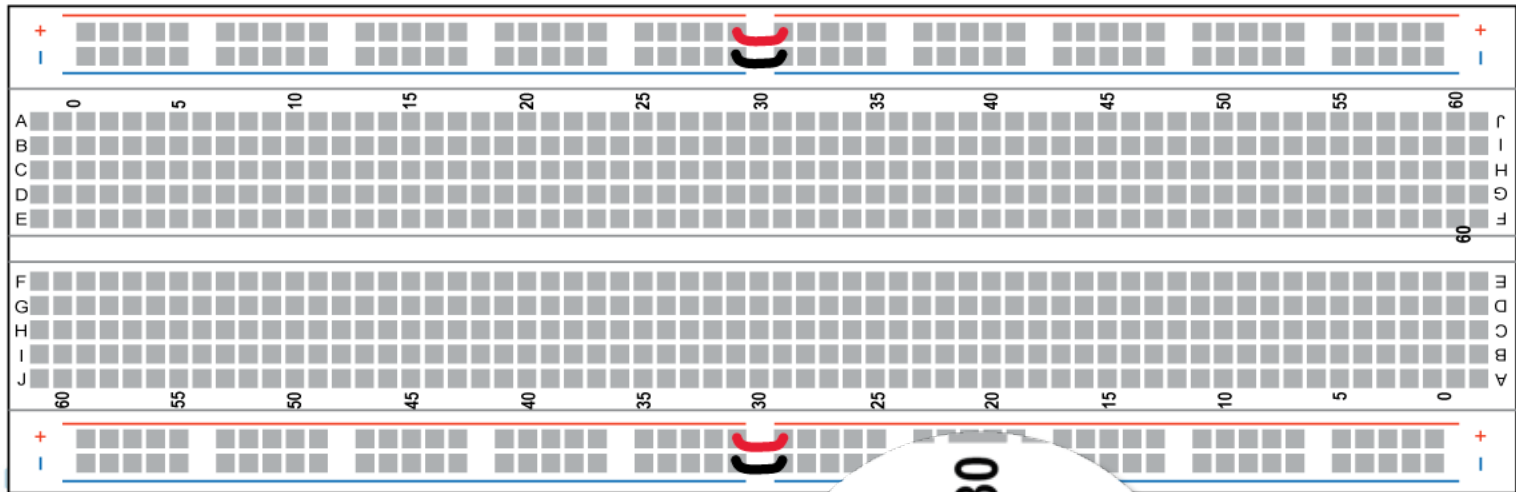


2 minutos



Coloca puentes en las líneas de voltaje de ambos extremos

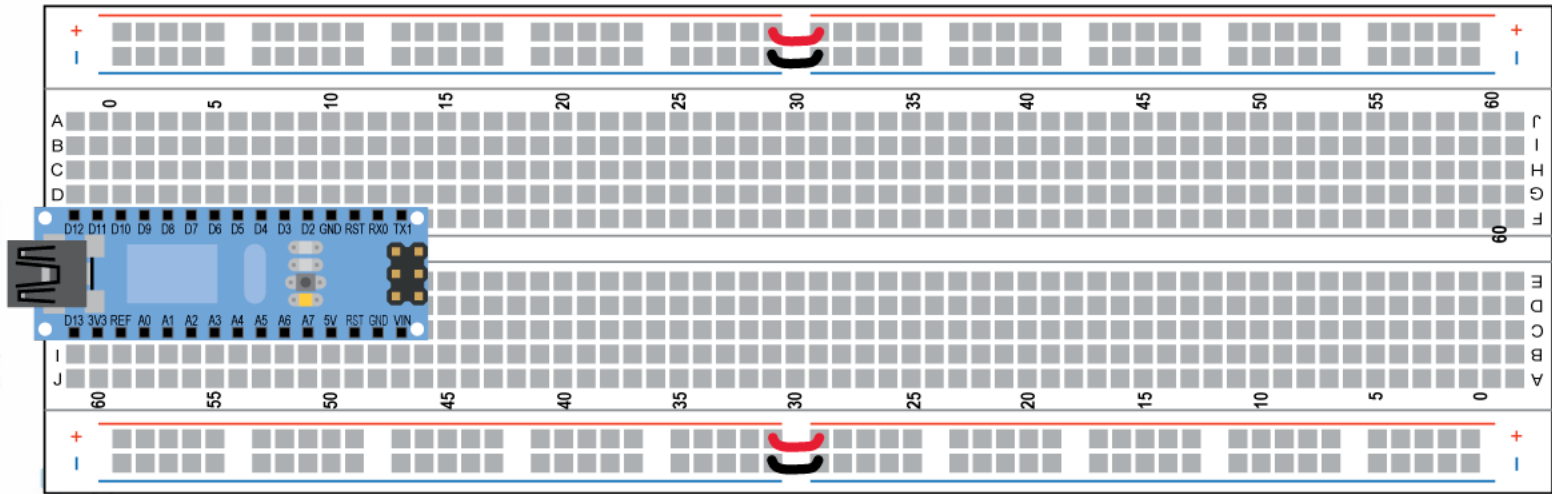
(si tu protoboard es continua, omite este paso)



2 minutos



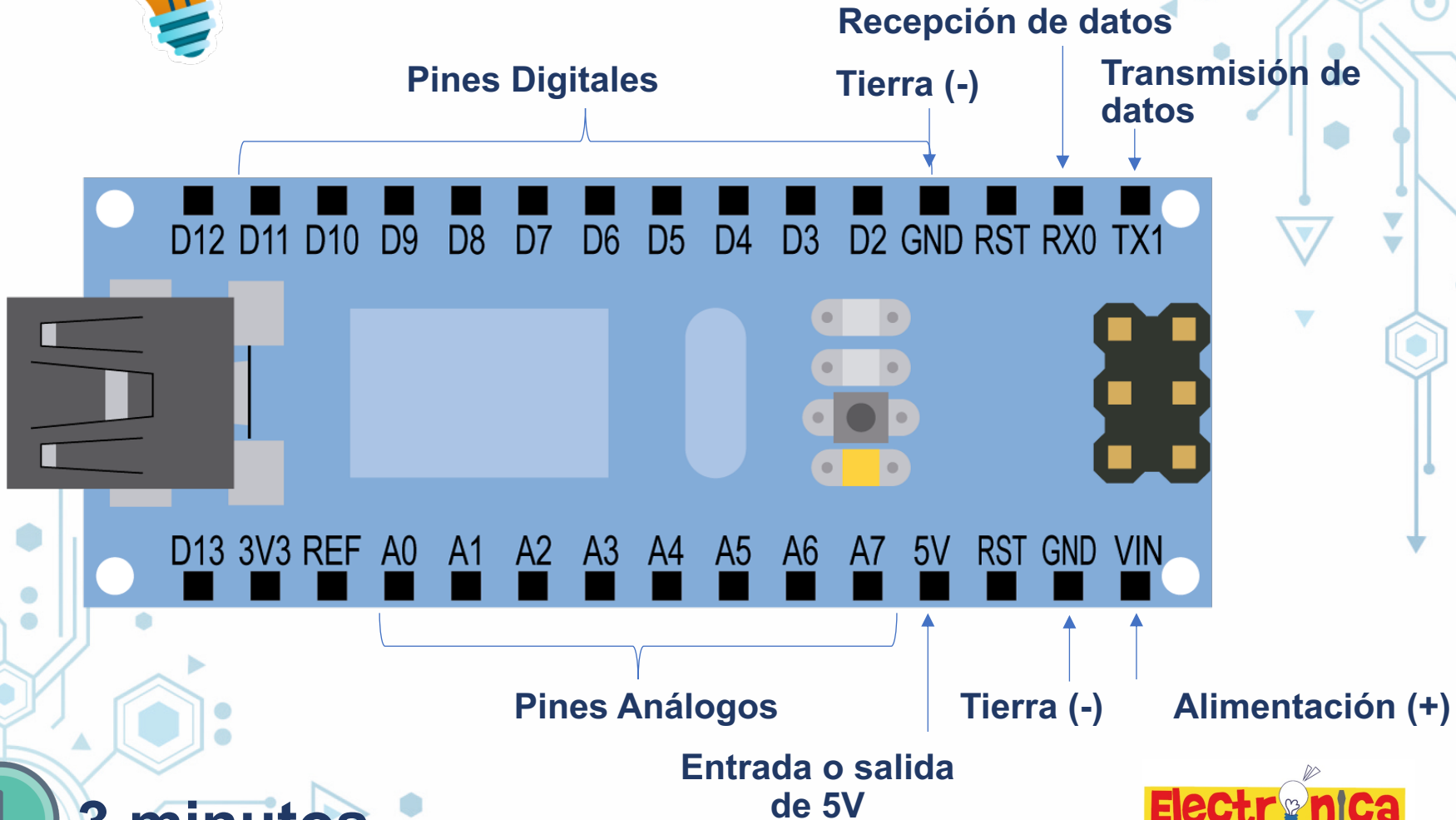
Coloca la Tarjeta Arduino



2 minutos



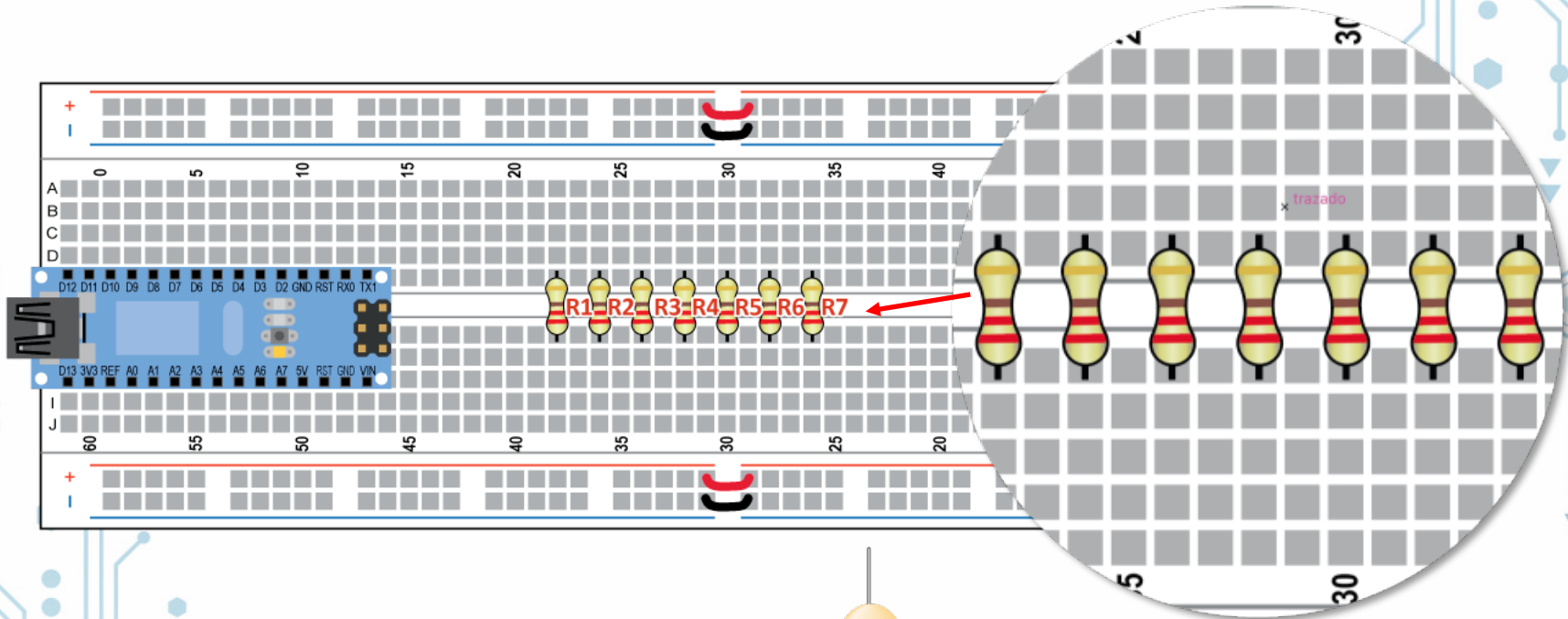
Identifica las terminales



3 minutos



Conecta las 7 resistencias, recuerda su funcionamiento



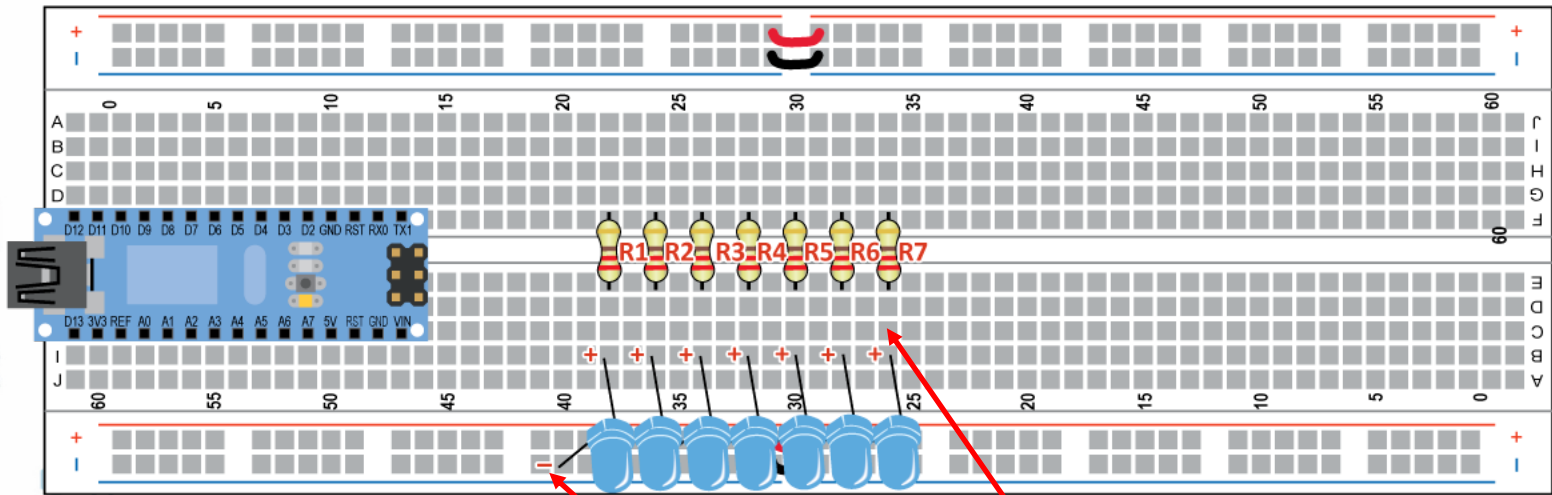
220 Ohms
rojo-rojo-café-dorado



3 minutos



Conecta los 7 diodos leds, recuerda la polaridad



Cátodo (-)

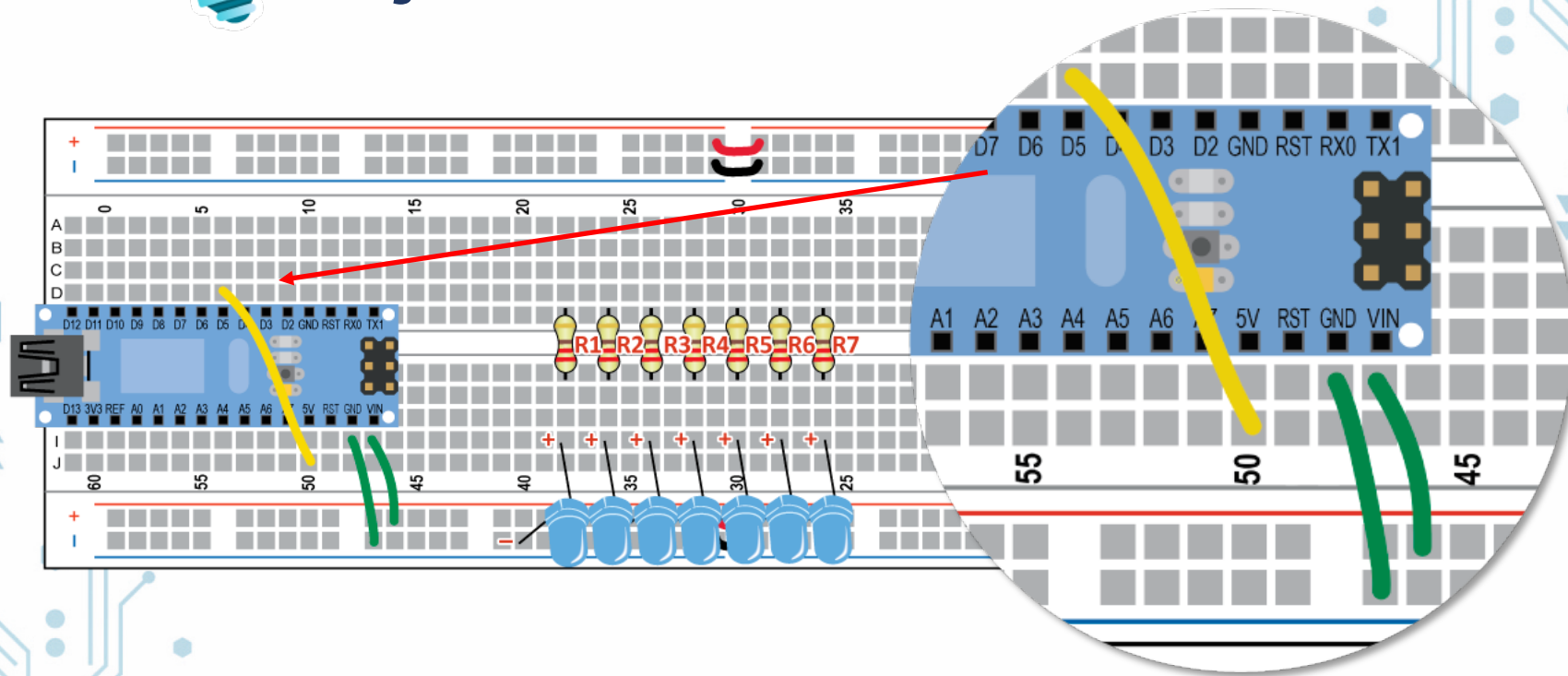
Ánodo (+)



2 minutos



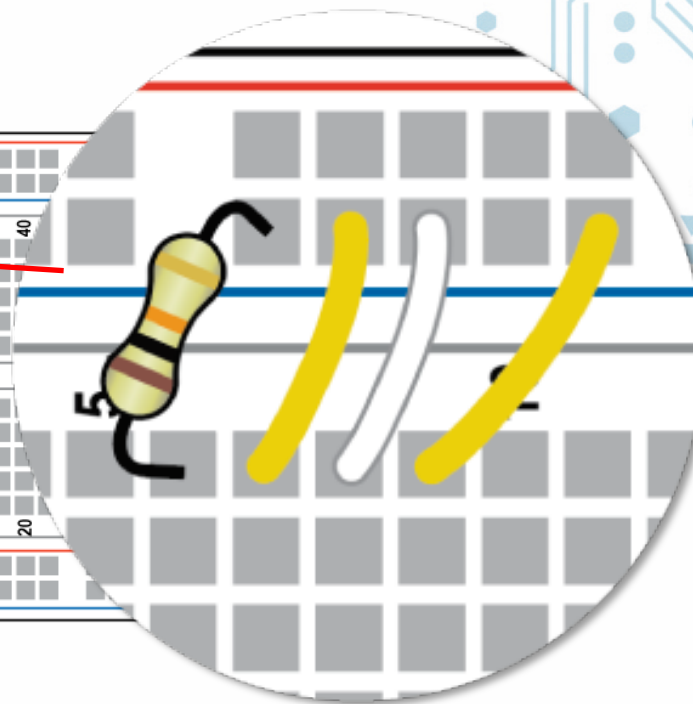
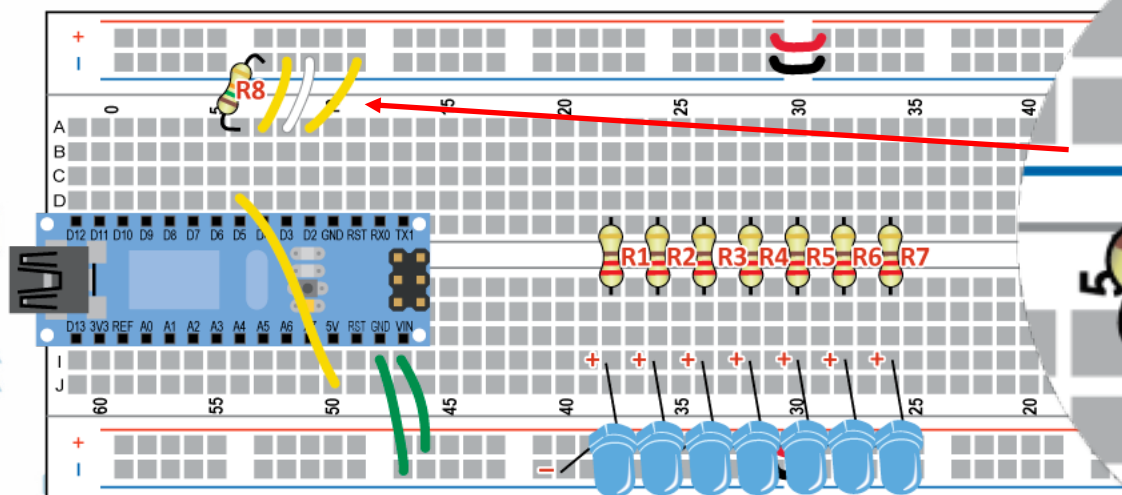
Conecta la alimentación de la tarjeta



2 minutos



Conecta la otra resistencia y los 3 puentes



10 K
café-negro-naranja-dorado



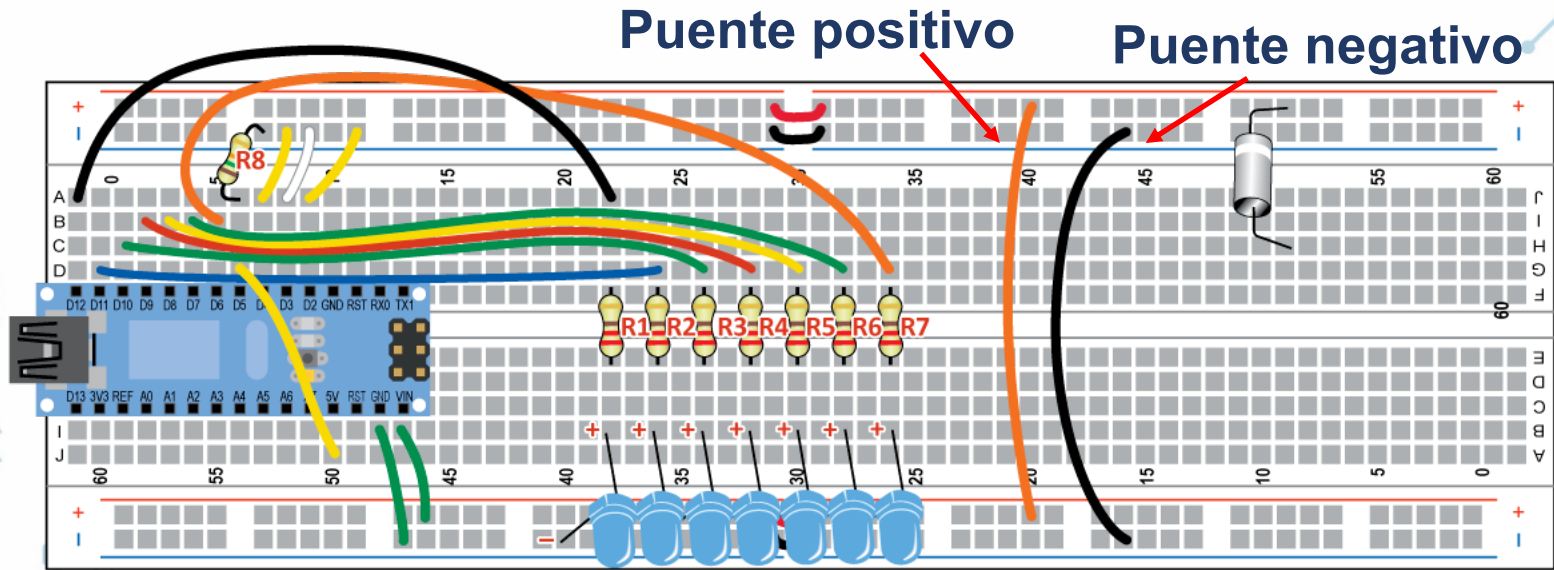
2 minutos



Electronica Junior



Conecta los dos puentes y el diodo rectificador



Ánodo (+)

Permite el paso de corriente en una sola dirección

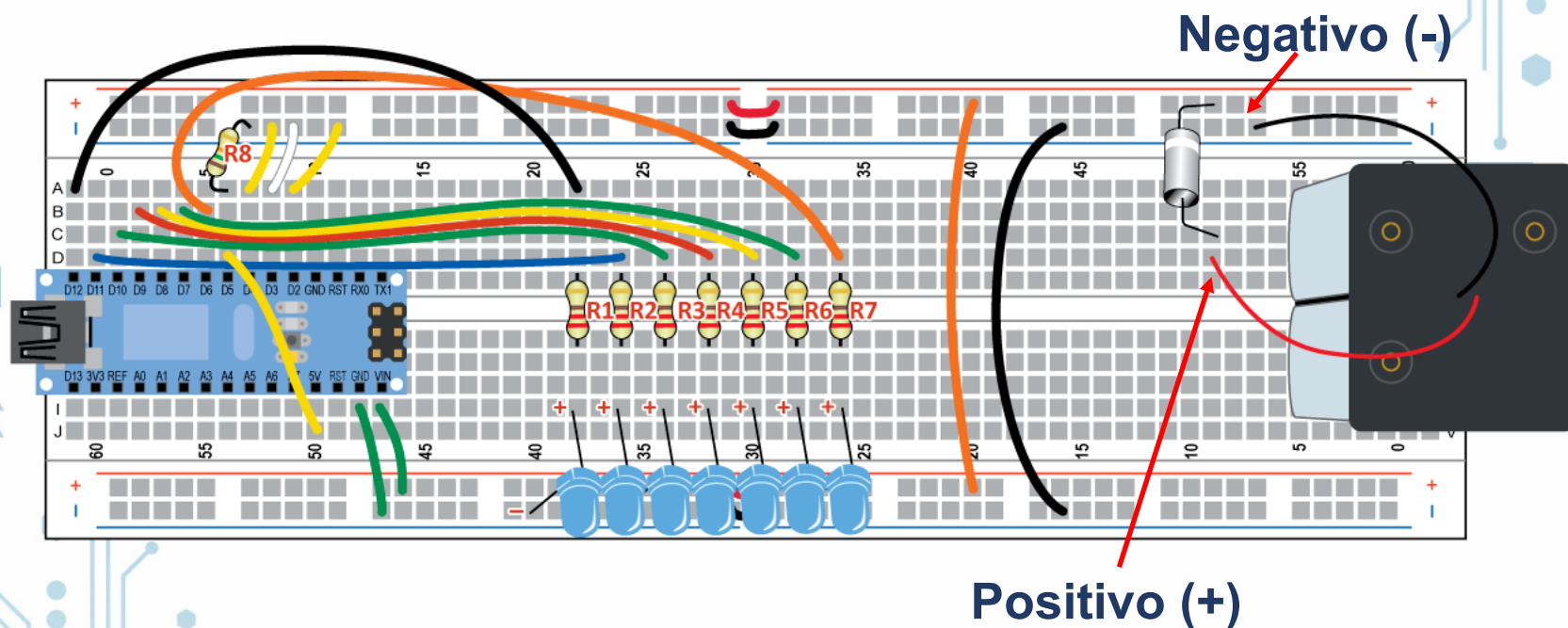
Cátodo (-)



2 minutos



Conecta la alimentación del portapilas



1 minuto