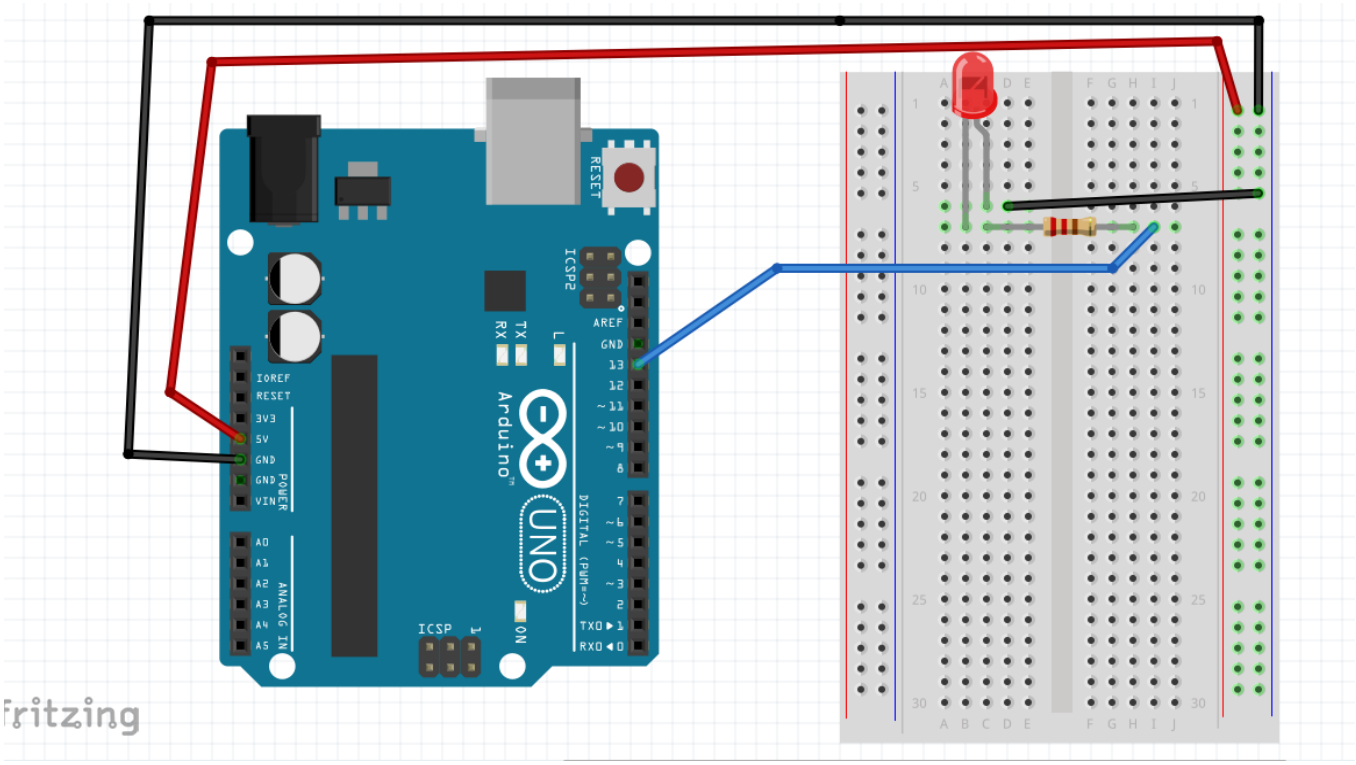
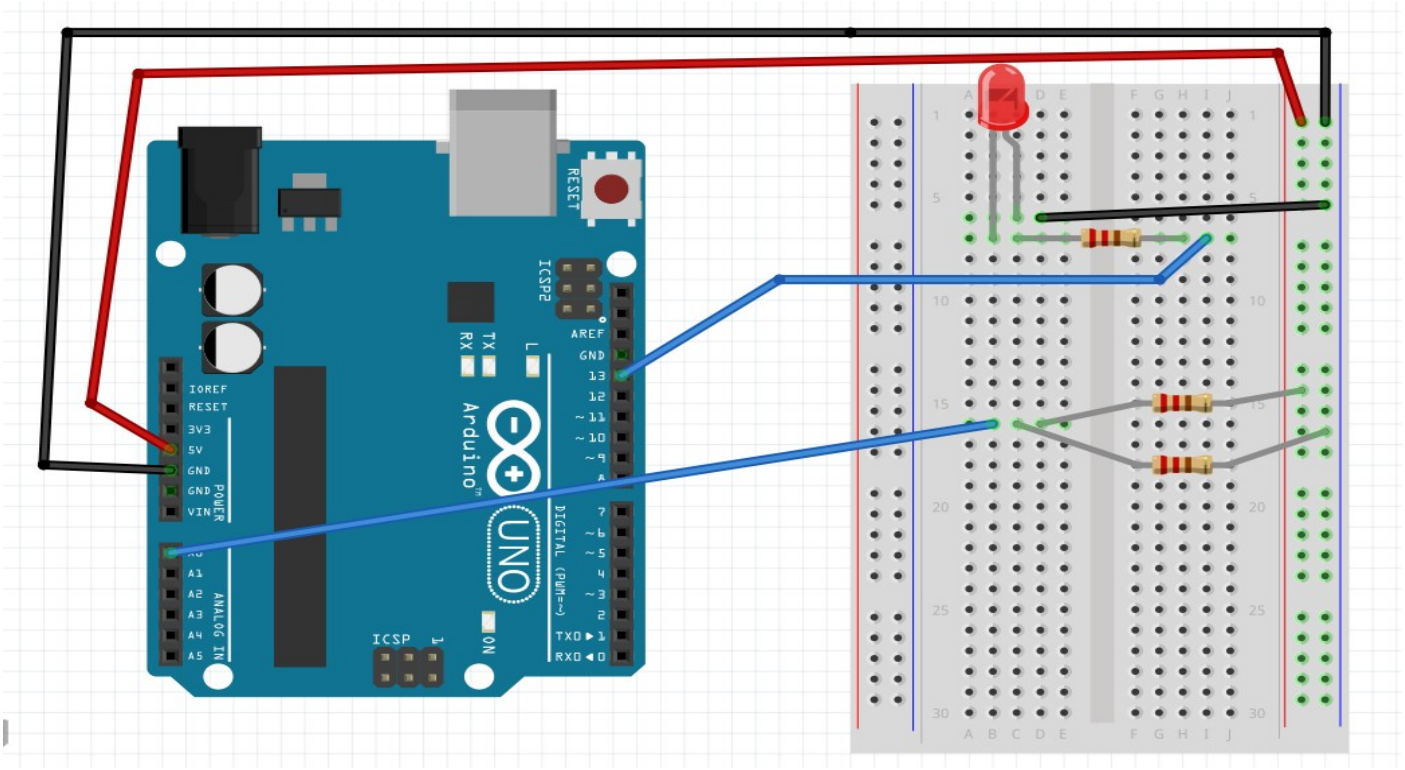
1) LED
(Archivo> Ejemplos > 01. Basics > Blink)



2) DIVISOR DE VOLTAJE
(Archivo> Ejemplos > 01. Basics > ReadAnalogVoltage)



```
// the setup routine runs once when you press reset:
void setup() {
  // initialize serial communication at 9600 bits per second:
  Serial.begin(9600);
  pinMode(LED_BUILTIN, OUTPUT);
}

// the loop routine runs over and over again forever:
void loop() {
  // read the input on analog pin 0:
  int sensorValue = analogRead(A0);
  // Convert the analog reading (which goes from 0 - 1023) to a voltage (0 -
5V):
  float voltage = sensorValue * (5.0 / 1023.0);
  // print out the value you read:
  Serial.println(voltage);
  if(voltage>4)
    {
    digitalWrite(LED_BUILTIN, HIGH);
    //delay(1000);                    // wait for a second
    }
  else
    {
    digitalWrite(LED_BUILTIN, LOW);
    //delay(1000);
    }
}
```