

1.) On the line above, calculate the voltage divider to prove that your answers agree with the measurements.

2.) On the line above, reverse 'ground' and the power source (30.45v), then recalculate the voltage divider.

3.) What is the 2N3906 and what does its part of the circuit do?

4.) The 5k-ohm trim pot adjusts the meter threshold (for calibration purposes). It is a linear-taper, rotary pot set to mid position, that, along with the 15-k resistor is part of a voltage divider. What is the voltage at the wiper of the pot?

NAME