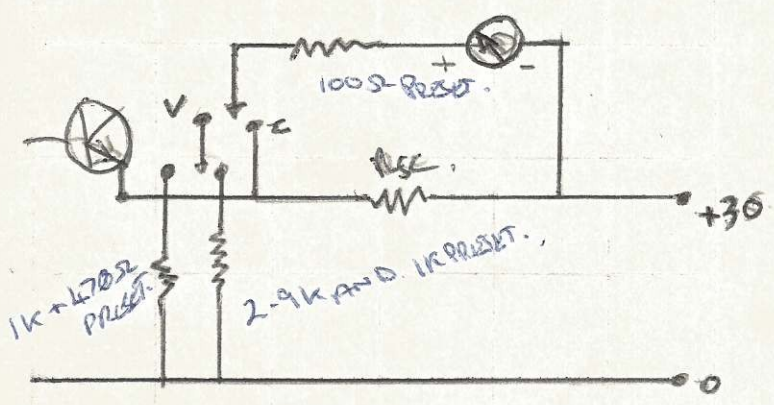


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300Ω
100Ω
8.4 mA.
6.5 Ω

CURRENT $0.6 = 8.4 \times 10^{-3} R$
 $R = 71.42 \Omega$
Power $I^2 R$
 $(8.4 \times 10^{-3})^2 \times 71.42$
0.005 WATTS
5 mW

VOLTS. $30 = 0.0084 \times R$
 $R = \frac{30}{0.0084}$
 $= 3571.4285 \Omega$

Power = $I^2 R$
 $0.0084^2 \times 3571.4285$
 $= 0.2517 \text{ WATTS}$
252 mW

$10 = 0.0084 \times R$
 $R = \frac{10}{0.0084}$
 $= 1190.4761 \Omega$

Power $I^2 R$
 $0.0084^2 \times 1190.4761$
 $= 0.0839 \text{ WATTS}$
83 mW

RESISTOR FOR CURRENT. $71.42 - 6.5 \Omega = 65 \Omega \frac{1}{2} \text{ WATT}$

RESISTOR FOR 30 VOLTS. $3571.5 - 71.5 = 3500 \Omega \frac{1}{2} \text{ WATTS}$

RESISTOR FOR 10 VOLTS. $1190.5 - 71.5 = 1119 \Omega \frac{1}{2} \text{ WATTS}$

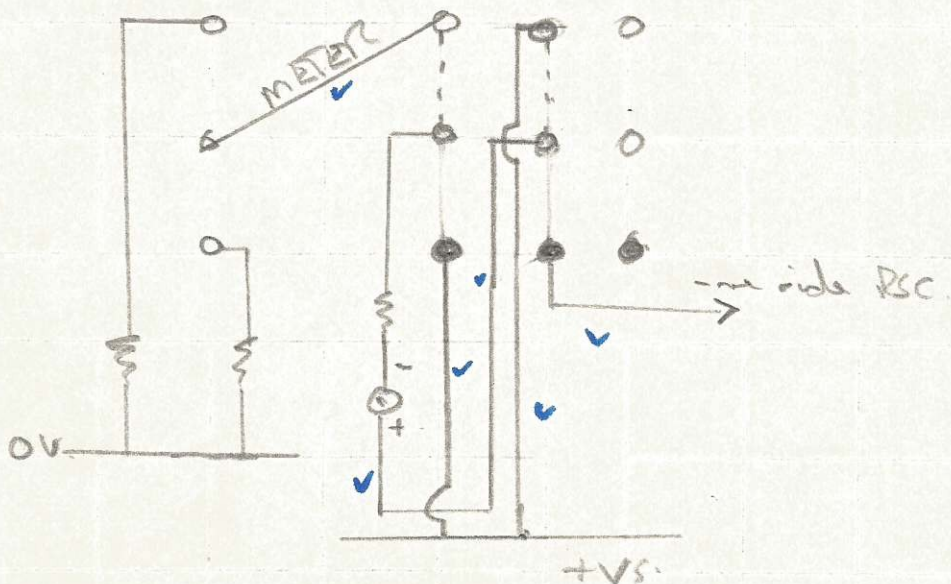
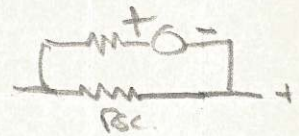
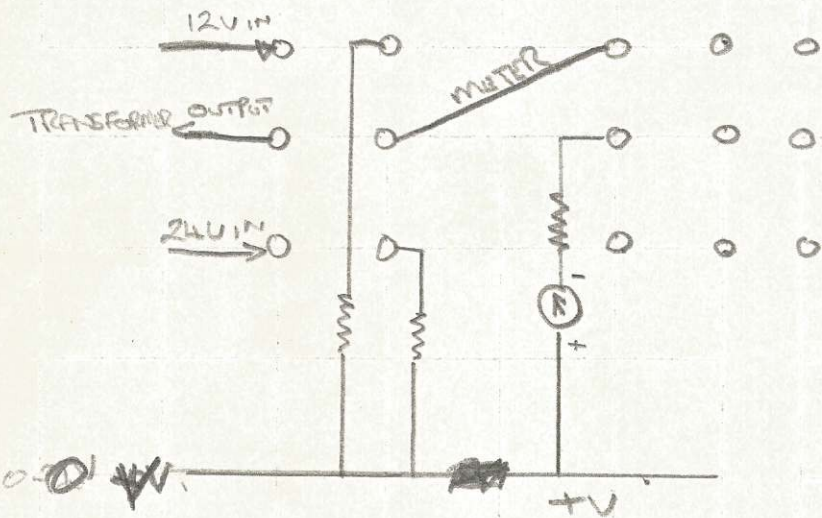
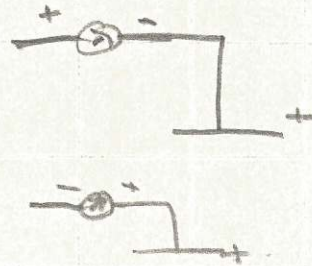
FINAL. 10 VOLTS. 30 VOLTS.
920Ω $\frac{1}{2}$ WATT 3.1k $\frac{1}{2}$ WATTS.
MINIATURE 470Ω PRESET 1k PRESET 0.25 WATT

CURRENT.
65Ω $\frac{1}{2}$ WATT.
100Ω PRESET.

~~MIN.~~ MIN.
920Ω + 470Ω PRESET

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0 0 0 0 0
 0 0 0 0 0
 0 0 0 0 0



2 1/2 10.

