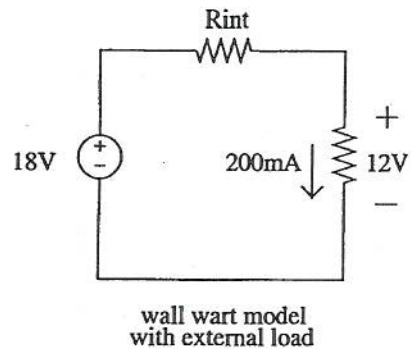
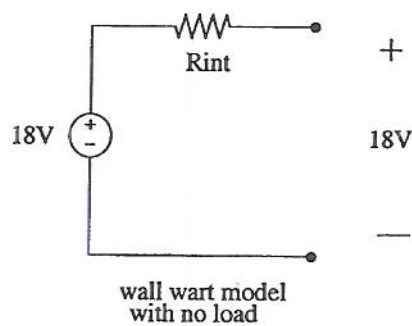


18. A 12V wall wart has an output voltage of 18V when it has no output load. A given wall wart has an output voltage of 12V when a load is applied that causes 200mA to flow at its output. What is the internal resistance R_{int} of the wall wart?



Ans: $R_{int} = 30\Omega$