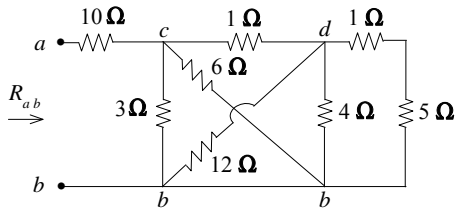
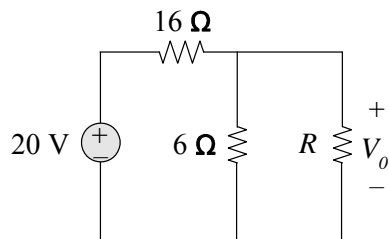


ENGI1040 Electric Circuits Module: Tutorial ET2, Fall 2009

(1) Calculate the equivalent resistance R_{ab} in the following network.



(2) In the circuit below, find R if $V_o = 4\ \text{V}$.



- (3) In the accompanying circuit, find v_1 and v_2 . Also calculate i_1 and i_2 and the power dissipated in the $12\text{-}\Omega$ and $40\text{-}\Omega$ resistors.

