Read pp 131 - 144

Problems

4.27  a) (16 V, 8 Ω)  b) (50 V, 20 Ω)

4.28  (92 V, 28 Ω)

4.30  Hint: remove the 30V source and the 12Ω resistor, find the Thevenin equivalent of what is left, then connect the removed components to the Thevenin and solve for the unknown. (Vth = 40V, Rth = 8Ω, i = 0.5A)

4.32  Hint: remove the 12Ω resistor, find the Thevenin equivalent of what is left, then connect the removed resistor to the Thevenin and solve for the unknown. (Vth = -160V, Rth = 28Ω, Vx = -48V)

4.40  (I = .4A down or -.4A, Rn = 10Ω, i = 2.4A)