Homework Problem #028

10 Ω   25 Ω

R_x + 50 V   75 Ω
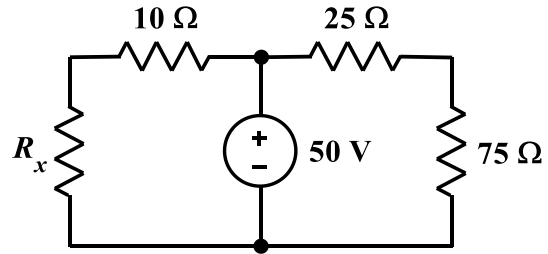   –

(a) What value of R_x will absorb maximum power from the remainder of the circuit?

(b) How much power will it absorb?