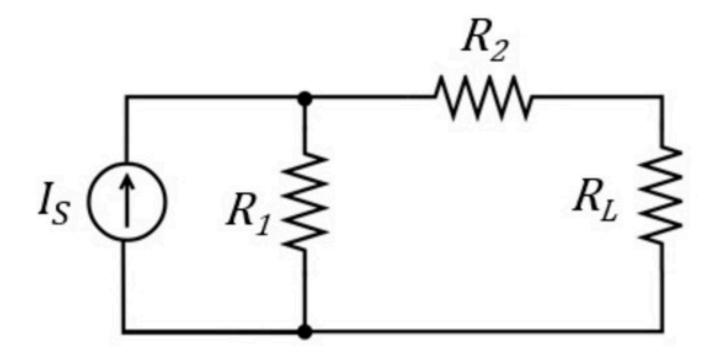
Circuit theorems 007

Unlimited Attempts.

Find the R_L for maximum power transfer.

Find the max power transferred to R_L .



Given Variables:

ls:12 A

R1:4 ohm R2:12 ohm

Calculate the following:

RL (ohm):

Pmax (W):

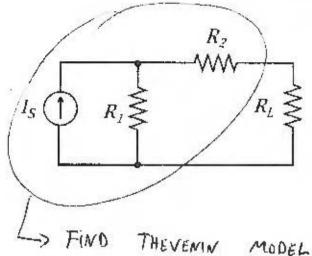
Find the R_L for maximum power transfer.

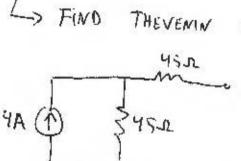
Is = 4 A

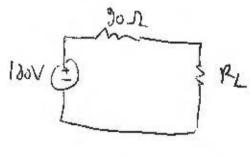
Given I_S , find the max power transferred to R_L .

R1 = 45 ohm

R2 = 45 ohm







FOR MAX POWER

TRANSFER

$$R_{L} = R_{TH} = 90.02$$