Special Problem 2.6-2
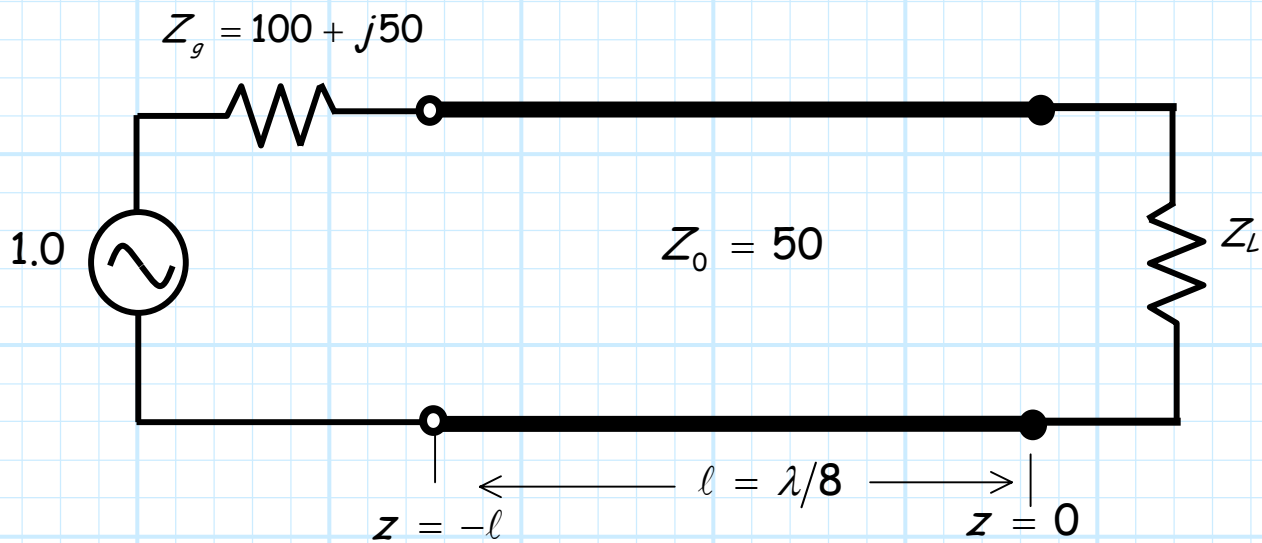
Determine the value of load Z_L that will result in the maximum absorbed power.

How much power would this be?

$Z_g = 100 + j50$

1.0

$Z_0 = 50$

Z_L

$\ell = \lambda/8$

$z = -\ell$

$z = 0$

Hint: a Smith Chart comes in handy!