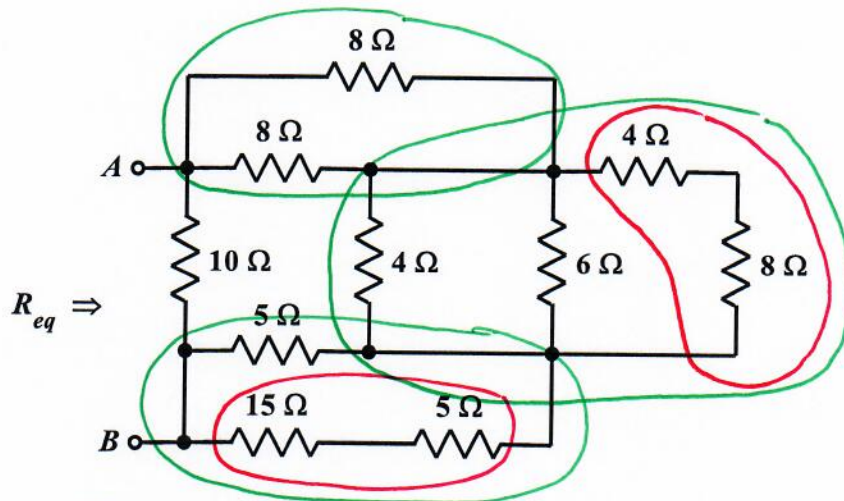


EE/EET 2240
Homework Problem #007



Determine the value of R_{eq} , the equivalent resistance with respect to terminal pair $A-B$.

$$4\Omega + 8\Omega = 12\Omega$$

$$4\Omega \parallel 6\Omega \parallel 12\Omega = 2\Omega$$

$$15\Omega + 5\Omega = 20\Omega$$

$$8\Omega \parallel 8\Omega = 4\Omega$$

$$5\Omega \parallel 20\Omega = 4\Omega$$

$$(4\Omega + 2\Omega + 4\Omega) \parallel 10\Omega = 5\Omega$$