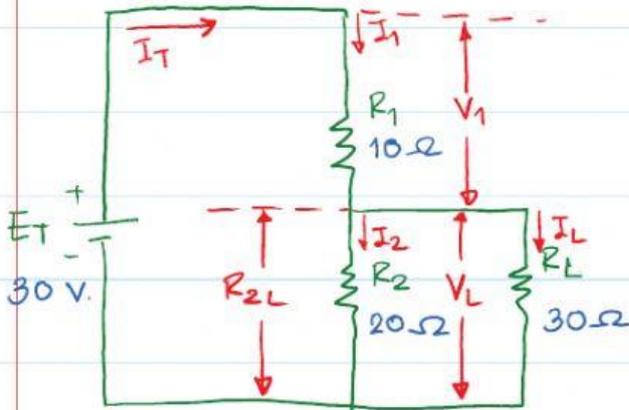


# แบ่งแรงดันแบบมีภาระ

21 กรกฎาคม 2564 10:39



$\frac{V_L}{R_L}$	$\frac{E_T}{R_T}$	$\frac{30V}{22\Omega} \times 12\Omega$
$12\Omega$	$\frac{20 \times 30}{20 + 30}$	13.63 V.
$R_1 + R_{2L}$	$10\Omega + 12\Omega$	16.37 V.
1.363 A.	$\frac{30V}{22\Omega} \times 10\Omega$	

หาค่าของ  $I_T, I_2, I_L, V_1, V_L$

Sol<sup>n</sup>

$R_{2L} =$

$\frac{R_2 R_L}{R_2 + R_L}$

$R_T =$

$\frac{30V}{22\Omega}$

$I_T =$

$\frac{E_T \times R_{2L}}{R_T}$

$V_1 =$

$\frac{16.37V}{30\Omega}$

$V_L =$

$\frac{16.37V}{20\Omega}$

$I_2 =$

$\frac{E_T \times R_1}{R_T}$

$I_L =$

$\frac{V_L}{R_2}$

0.55 A

0.82 A

22 Ω