Divisor de tensões:
$v_x = Vcc \,.\, \frac{R1}{R1+R2}$

	t = 0s	t → ∞
C	Curto	Aberto
L	Aberto	Curto

Conversões de Unidades:	Thévenin:
1CV = 735W 1 J = 0,239 cal 1 W = 1 J/s	$V_{Th} = \frac{R_2}{R_1 + R_2} V_{CC}$
[L] = H = Ω.s [C] = F = s/Ω [τ] = s	$R_{Th} = R_1 // R_2 = \frac{R_1 R_2}{R_1 + R_2}$

Obs: $(t = \Delta t)$	**Indutor**	**Capacitor**
Carga	$v_L(t) = v_L(0)e^{-\frac{R}{L}t}$ $i_L(t) = i_L(0)\left(1 - e^{-\frac{R}{L}t}\right)$	$v_c(t) = V_{CC}(1 - e^{\frac{-t}{RC}})$ $i(t) = I(0)e^{-\frac{1}{RC}t}$
Descarga	$v_L(t) = -v_L(0)e^{-\frac{R}{L}t}$ $i_L(t) = i_L(0)e^{-\frac{R}{L}t}$	$v_c(t) = V_{CC}e^{\frac{-t}{RC}}$ $i(t) = -I(0)e^{-\frac{1}{RC}t}$
Equação Geral: **(Recarga)**	$i_L(t) = I_i + (I_0 - I_i)\left(1 - e^{-\frac{R}{L}t}\right)$	$v_c(t) = v_i + (v_f - v_i).(1 - e^{\frac{-t}{RC}})$

	Resistor	**Indutor**	**Capacitor**
Tensão	$v(t) = Ri(t)$	$v(t) = L\frac{di(t)}{dt}$	$v(t) = \frac{1}{C}\int i(t)dt$
Corrente	$i(t) = \frac{v(t)}{R}$	$i(t) = \frac{1}{L}\int v(t)dt$	$i(t) = C\frac{dv(t)}{dt}$
Série	$R_{eq} = \sum_1^n R_n$	$L_{eq} = \sum_1^n L_n$	$\frac{1}{C_{eq}} = \sum_1^n \frac{1}{C_n}$
Paralelo	$\frac{1}{R_{eq}} = \sum_1^n \frac{1}{R_n}$	$\frac{1}{L_{eq}} = \sum_1^n \frac{1}{L_n}$	$C_{eq} = \sum_1^n C_n$
Energia	$W(t) = v(t)i(t)$	$W(t) = L\frac{i(t)^2}{2}$	$W(t) = C\frac{v(t)^2}{2}$