Tabela: Transformadas de Laplace

	$f(t) = \mathcal{L}^{-1}\{F(s)\}$	$F(s) = \mathcal{L}\{f(t)\}$
1.	1	$\dfrac{1}{s}$
2.	e^{at}	$\dfrac{1}{s-a}$
3.	$\operatorname{sen} bt$	$\dfrac{b}{s^2 + b^2}$
4.	$\cos bt$	$\dfrac{s}{s^2 + b^2}$
5.	$\operatorname{senh} bt$	$\dfrac{b}{s^2 - b^2}$
6.	$\cosh bt$	$\dfrac{s}{s^2 - b^2}$
7.	$t^n \ (n = 1, 2, \ldots)$	$\dfrac{n!}{s^{n+1}}$
8.	$t^n e^{at} \ (n = 1, 2, \ldots)$	$\dfrac{n!}{(s-a)^{n+1}}$
9.	$t \operatorname{sen} bt$	$\dfrac{2bs}{(s^2 + b^2)^2}$
10.	$t \cos bt$	$\dfrac{s^2 - b^2}{(s^2 + b^2)^2}$
11.	$e^{at} \operatorname{sen} bt$	$\dfrac{b}{(s-a)^2 + b^2}$
12.	$e^{at} \cos bt$	$\dfrac{s-a}{(s-a)^2 + b^2}$
13.	$u_a(t)$	$\dfrac{e^{-as}}{s}$
14.	$u_a(t) f(t-a)$	$e^{-as} F(s)$