Table

$f(t)$	$F(s)$
1	$\frac{1}{s}$
t^n	$\frac{n!}{s^{n+1}}$
e^{at}	$\frac{1}{s-a}$
$\cos(b\,t)$	$\frac{s}{s^2+b^2}$
$\sin(b\,t)$	$\frac{b}{s^2+b^2}$

Formulae
$\mathcal{L}\left(e^{at}f(t)\right) = F(s-a)$
$\mathcal{L}\left(f'(t)\right) = sF(s) - f(0)$
$\mathcal{L}\left(u(t-a)f(t-a)\right) = e^{-as}F(s)$
$\mathcal{L}\left(tf(t)\right) = -F'(s)$