	$f(t) = \mathcal{L}^{-1}\{F(s)\}$	$F(s) = \mathcal{L}\{f(t)\}$
1.	1	$\frac{1}{s}, \quad s > 0$
2.	e^{at}	$\frac{1}{s-a}, \quad s > a$
3.	t^n, $n = $ positive integer	$\frac{n!}{s^{n+1}}, \quad s > 0$
4.	$\sin(at)$	$\frac{a}{s^2+a^2}, \quad s > 0$
5.	$\cos(at)$	$\frac{s}{s^2+a^2}, \quad s > 0$
6.	$e^{at}\sin(bt)$	$\frac{b}{(s-a)^2+b^2}, \quad s > a$
7.	$e^{at}\cos(bt)$	$\frac{s-a}{(s-a)^2+b^2}, \quad s > a$
8.	$t^n e^{at}$, $n = $ positive integer	$\frac{n!}{(s-a)^{n+1}}, \quad s > a$
9.	$u_c(t)$	$\frac{e^{-cs}}{s}, \quad s > 0$
10.	$u_c(t)f(t-c)$	$e^{-cs}F(s),$
11.	$e^{ct}f(t)$	$F(s-c),$
12.	$\delta(t-c),$	$e^{-cs},$
13.	$t^n f(t),$	$(-1)^n F^{(n)}(s),$