$f(t)$	$F(w)$		
$f(t)$	$\int_{-\infty}^{\infty} e^{-jwt} f(t)\, dt$		
$af(t) + bg(t)$	$aF(w) + bG(w)$		
$f(t-a)$	$e^{-jaw} F(w)$		
$f(t)e^{jat}$	$F(w-a)$		
$f(at)$	$\frac{1}{|a|} F(\frac{w}{a})$		
$\frac{d^n t f(t)}{dt^n}$	$(jw)^n F(w)$		
$t^n f(t)$	$(j)^n \frac{d^n w F(w)}{dw^n}$		
$(f \star g)(t)$	$F(w)G(w)$		
$f(t)cos(at)$	$\frac{1}{2}(F(w-a) + F(w+a))$		
$f(t)sin(at)$	$\frac{1}{2j}(F(w-a) - F(w+a))$		
$rect(at)$	$\frac{1}{\sqrt{2\pi a^2}} sinc(\frac{w}{2\pi a})$		
$sinc(at)$	$\frac{1}{\sqrt{2\pi a^2}} rect(\frac{w}{2\pi a})$		
$e^{-at}u(t)$	$\frac{1}{\sqrt{2\pi}(a+jw)}$		
1	$\sqrt{2\pi}\delta(w)$		
$\delta(t)$	$\frac{1}{\sqrt{2\pi}}$		
e^{jat}	$\sqrt{2\pi}\delta(w-a)$		
$cos(at)$	$\frac{\sqrt{2\pi}}{2}(\delta(w-a) + \delta(w+a))$		
$sin(at)$	$\frac{\sqrt{2\pi}}{2j}(\delta(w-a) + \delta(w+a))$		
$\frac{1}{t}$	$-j\sqrt{\frac{\pi}{2}} sign(w)$		

For the LATEXfile see
https://github.com/joey-kilgore/playground and look for the practiceTransforms folder