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

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