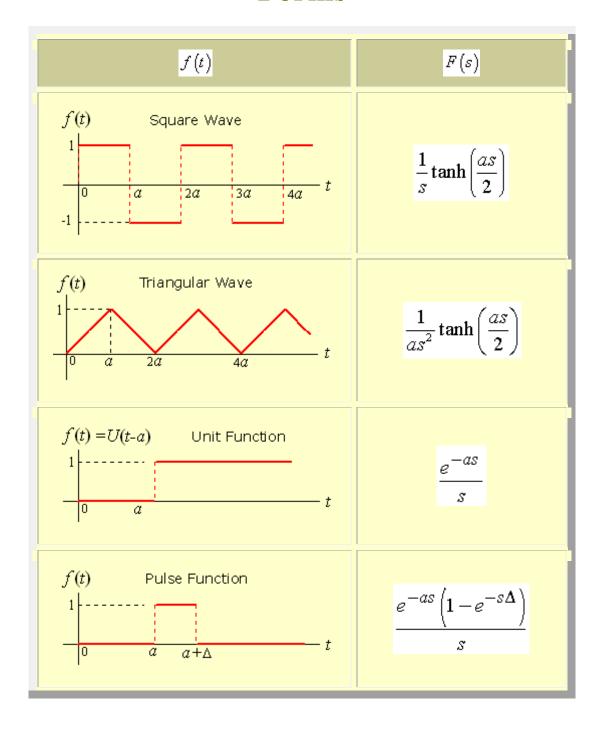
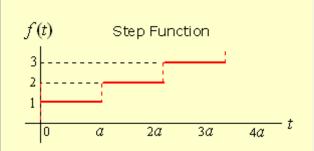
Laplace Transforms of Common Wave Forms





$$\frac{1}{s\left(1-e^{-as}\right)}$$

$$f(t) = n^2, n < t < n+1, n = 0,1,2,...$$

$$\frac{e^{-s} + e^{-2s}}{s\left(1 - e^{-s}\right)^2}$$

$$f(t) = a^{n}, n < t < n+1, n = 0,1,2,...$$

$$a^{2}$$

$$a$$

$$1$$

$$0$$

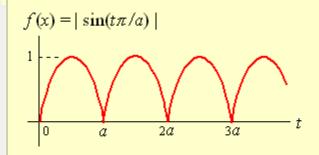
$$1$$

$$2$$

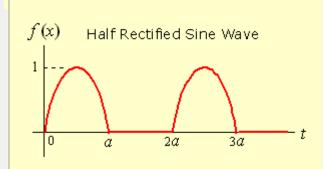
$$3$$

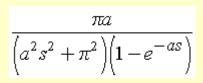
$$t$$

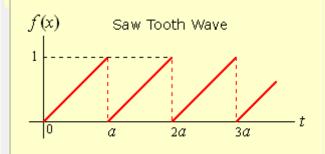
$$\frac{1 - e^{-s}}{s \left(1 - ae^{-s}\right)}$$



$$\frac{\pi a}{a^2 s^2 + \pi^2} \coth\left(\frac{as}{2}\right)$$







$$\frac{1}{as^2} - \frac{e^{-as}}{s\left(1 - e^{-as}\right)}$$