Tabela de Derivadas	
f	f'
$u^\alpha,\ \alpha \in$	$\alpha u^{\alpha-1} u'$
$\ln u$	$\frac{u'}{u}$
$\log_a u$	$\frac{1}{\ln a} \frac{u'}{u}$
$\sin u$	$u' \cos u$
$\cos u$	$-u' \sin u$
$\tan u$	$u' \sec^2 u$
$\cot u$	$-u' \operatorname{cosec}^2 u$
$\sec u$	$u' \sec u \tan u$
$\operatorname{cosec} u$	$-u' \operatorname{cosec} u \cot u$
e^u	$u' e^u$
a^u	$u' a^u \ln a$

Algumas relações trigonométricas

$$\sin(\alpha + \beta) = \sin\alpha \cos\beta + \cos\alpha \sin\beta$$

$$\cos(\alpha + \beta) = \cos\alpha \cos\beta - \sin\alpha \sin\beta$$

$$\sin^2\alpha = \tfrac{1}{2}(1 - \cos 2\alpha)$$

$$\cos^2\alpha = \tfrac{1}{2}(1 + \cos 2\alpha)$$

$$\tan^2\alpha = \sec^2\alpha - 1$$