

**Derivatives**

$f$	$f'$
1. $3x^2 - 10 \sin x$	
2. $\pi x^5 + 3x + 7$	
3. $x \cos(x)$	
4. $2e^x \cos x$	
5. $\frac{\tan x}{x^2 + 1}$	
6. $\sqrt{x} - \frac{5}{x^4}$	
7. $\frac{\sin x}{x + 3}$	
8. $\frac{x^2 e^x}{\ln x}$	