


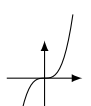
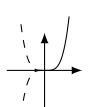

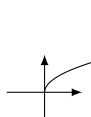

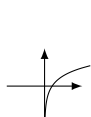


# Dérivées usuelles

	$f(x)$	$f'(x)$	$f(u)$	$f'(u) \cdot u'$
	$k$	$0$		
	$x$	$1$		
	$x^2$	$2x$	$u^2$	$2u \cdot u'$
	$x^3$	$3x^2$	$u^3$	$3u^2 \cdot u'$
	$x^n$	$nx^{n-1}$	$u^n$	$nu^{n-1} \cdot u'$
	$\frac{1}{x}$	$-\frac{1}{x^2}$	$\frac{1}{u}$	$-\frac{1}{u^2} \cdot u'$
	$\sqrt{x}$	$\frac{1}{2\sqrt{x}}$	$\sqrt{u}$	$\frac{1}{2\sqrt{u}} \cdot u'$
	$e^x$	$e^x$	$e^u$	$e^u \cdot u'$
	$\ln x$	$\frac{1}{x}$	$\ln u$	$\frac{1}{u} \cdot u'$
	$ku$	$ku'$	$uv$	$u'v + uv'$
	$u + v$	$u' + v'$	$\frac{u}{v}$	$\frac{u'v - uv'}{v^2}$

$u$  est une variable dépendant de  $x$   
(i.e. une parenthèse contenant  $x$ )  
 $u'$  désigne la dérivée de  $u$  par rapport à  $x$