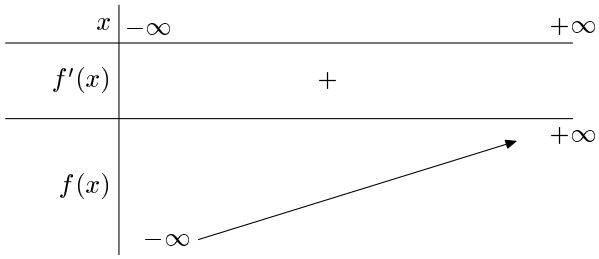
x
$-\infty$
$+\infty$
$f'(x)$
$+$
$+\infty$
$f(x)$
$-\infty$