
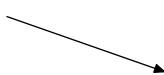
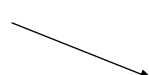



x	$-\infty$	0	$+\infty$
$f'(x)$	—		
$f(x) = \frac{1}{x}$	0^+ 0^-  $[-\infty, +\infty]$		

x	-2	-1	0	4
$f(x)$	2  0  -3  -1			

x	0	α_0	$\frac{\pi}{2}$	$\pi - \alpha_0$	$\frac{3\pi}{2}$	2π			
$\cos(x)$	$+$	$+$	0	$-$	$-$	0	$+$		
$-\frac{3}{2} + 2\sin x$	$-$	0	$+$	$+$	0	$-$	$-$		
$g'(x)$	$-$	0	$+$	0	$-$	0	$+$	0	$-$
$g(x)$	<div><div><div>$\frac{9}{4}$</div><div>\searrow</div><div>0</div></div><div><div>\nearrow</div><div>$\frac{1}{4}$</div><div>\searrow</div><div>0</div></div><div><div>\nearrow</div><div>$\frac{49}{4}$</div><div>\searrow</div><div>$\frac{9}{4}$</div></div></div>								