

$$\lim_{x \rightarrow -\infty} f(x) = \infty$$

$$\lim_{x \rightarrow \infty} f(x) = 1$$

	$f(x)$	$f'(x)$	$f''(x)$
$-\infty < x < -3$		-	+
$x = -3$	0	0	0
$-3 < x < -1$		-	-
$x = -1$	DNE		
$-1 < x < 2$		+	-
$x = 2$	6	0	-
$2 < x < 4$		-	-
$x = 4$	3	-	0
$4 < x < \infty$		-	+

