

x	$-\infty$	$-\sqrt{2}$	0	1	$\sqrt{2}$	$+\infty$		
Sgn. $x^2(x-1)$	-	-	0	-	0	+	+	
Sgn. x^2-2	+	0	-	-	-	0	+	
Sgn. $f(x)-(x-1)$	-	0	+	0	+	-	0	+