

Tableau de variation de  $f(x)$

$f(x) = x^5 - x^4 - x^3 + x^2$   
 $f'(x) = 5x^4 - 4x^3 - 3x^2 + 2x$

$x$	-100.0	$-\frac{\sqrt{41}}{10} - \frac{1}{10}$	0	$-\frac{1}{10} + \frac{\sqrt{41}}{10}$	1	100.0			
$f'(x)$	+	0	-	0	+	0	-	0	+
variation de $f(x)$									