

FONCTIONS DE RÉFÉRENCE

Croissance, décroissance et extremum

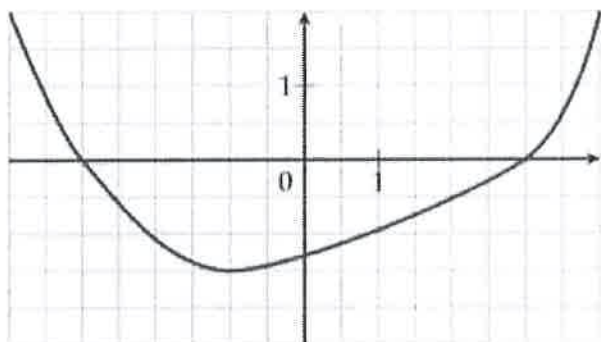
C. SCOLAS



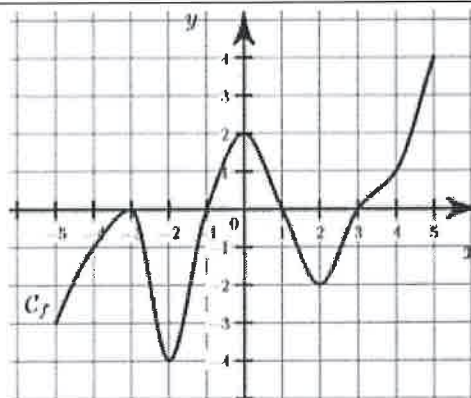
<https://bit.ly/3W4ZXWm>



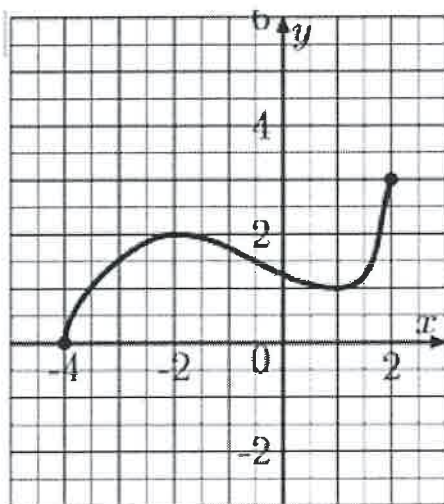
Etablis le tableau de variation des fonctions représentées :



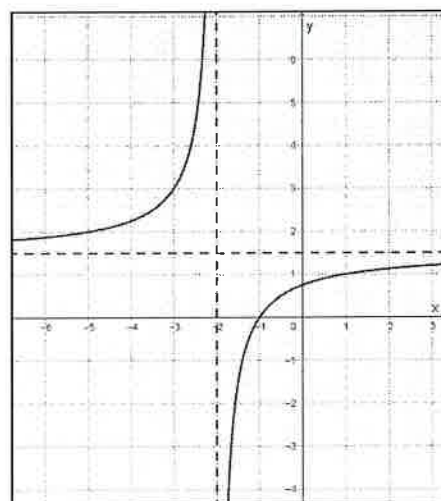
x	-2
$f(x)$	$-3 \rightarrow$ min



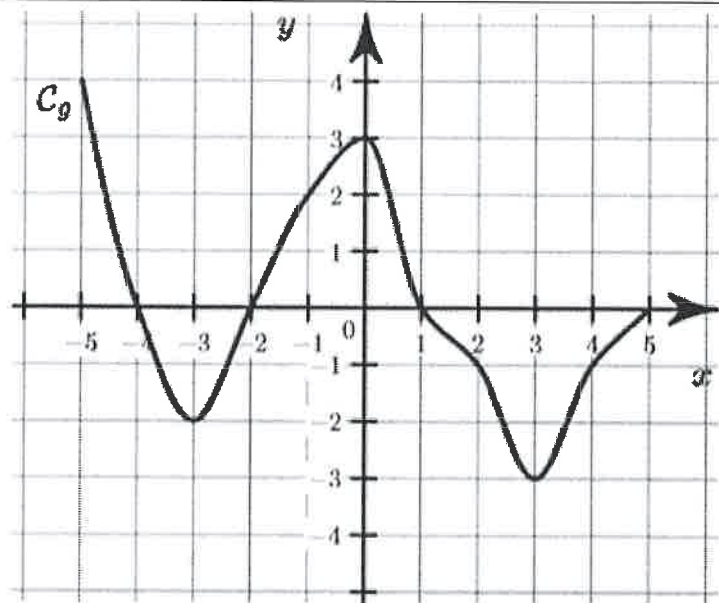
x	-5	-3	-2	0	2	5
$f(x)$	-3	$\rightarrow$ max	$\rightarrow$ min	$\rightarrow$ max	$\rightarrow$ min	4



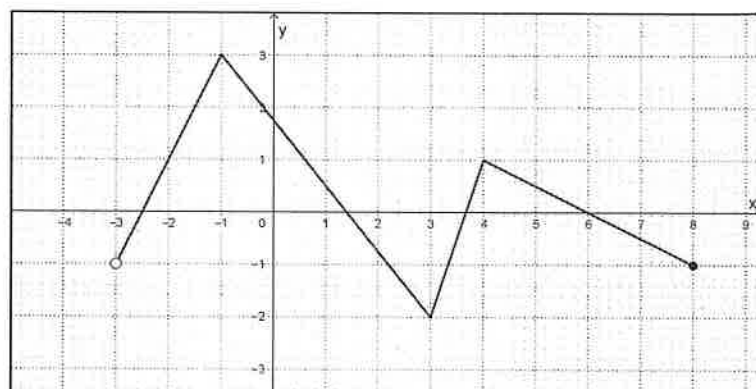
x	-4	-2	1	2
$f(x)$	0	$\rightarrow$ max	$\rightarrow$ min	$\rightarrow$ 3



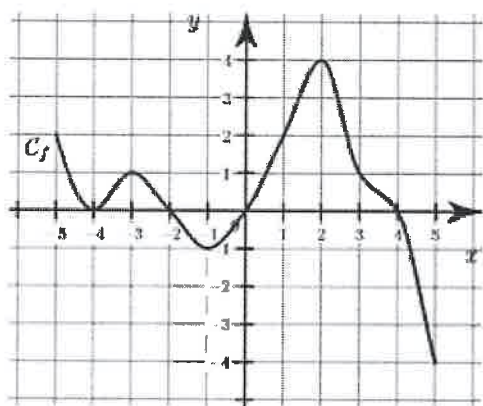
x	-2
$f(x)$	$\rightarrow$ $\nearrow$



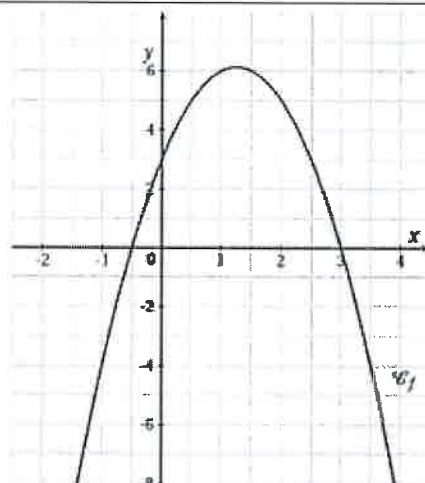
x	-5	-3	0	3	5
$f(x)$	4	$\searrow$ min	$\nearrow$ max	$\searrow$ min	0



x	-3	-1	3	4	8
$f(x)$	$\nearrow$ max	$\searrow$ min	$\nearrow$ max	$\searrow$	-1



x	-5	-4	-3	-1	2	5
$f(x)$	2	$\searrow$ min	$\nearrow$ max	$\searrow$ min	$\nearrow$ max	-4



x		1,25
$f(x)$	$\nearrow$ max	$\searrow$