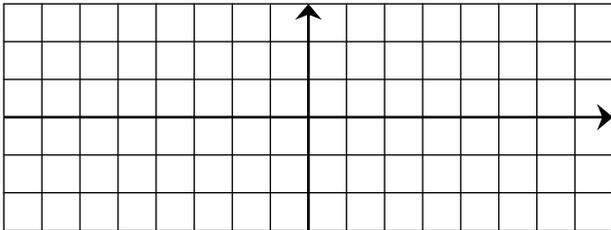


EXERCICE 5A.1

Dans chaque cas, compléter le tableau de variation de f , puis tracer une courbe qui pourrait être celle de f .

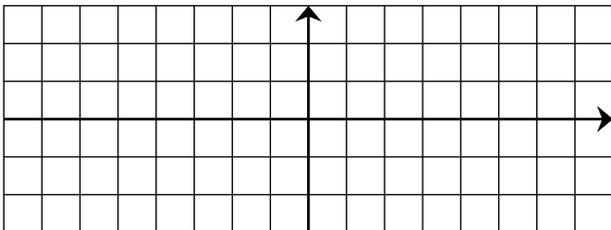
a.

x	-5			6
$f'(x)$			+	
$f(x)$	-1			3



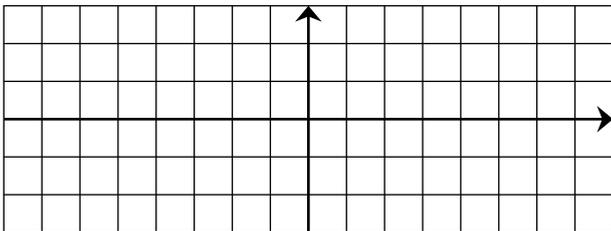
b.

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



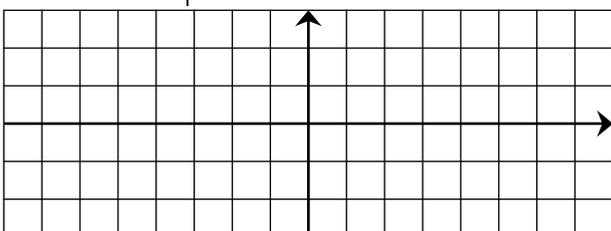
c.

x	-5		-3		1		3	
$f'(x)$		-	0		+	0		-
$f(x)$	3		-1		2		-3	



d.

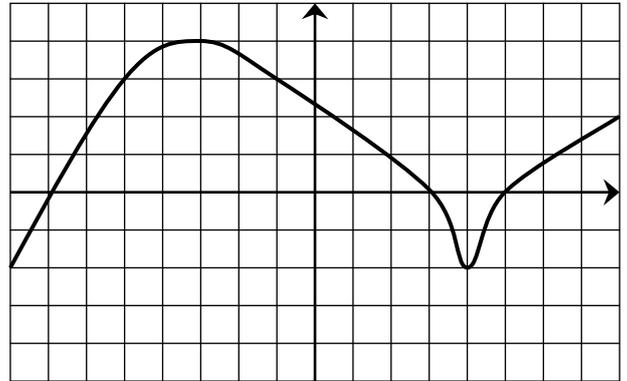
x	-7		-4		1		5	
$f'(x)$		-	0		-	0		-
$f(x)$	3		1		-1		-3	



EXERCICE 5A.2

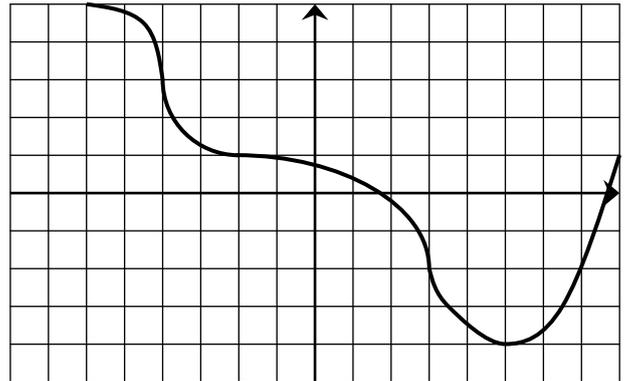
Dresser le tableau de variation de chaque fonction (y compris le signe et les valeurs nulles de la dérivée) à partir de sa courbe.

a.



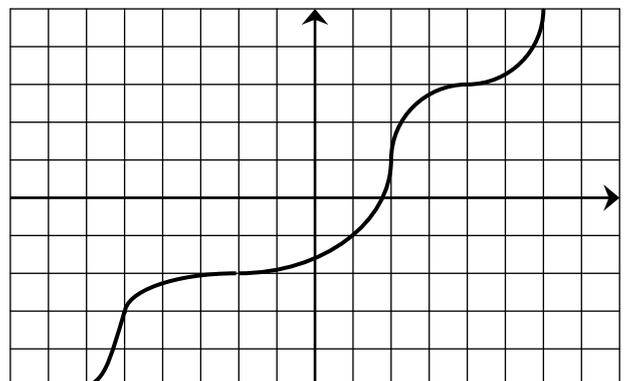
x				
$f'(x)$				
$f(x)$				

b.



x				
$f'(x)$				
$f(x)$				

c.



x				
$f'(x)$				
$f(x)$				

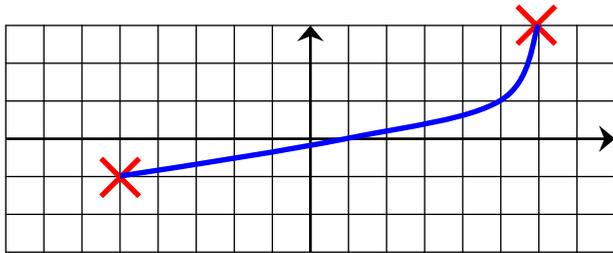
CORRIGE – NOTRE DAME DE LA MERCI

EXERCICE 5A.1 MONTPELLIER

Compléter le tableau de variation de f , puis tracer une courbe qui pourrait être celle de f .

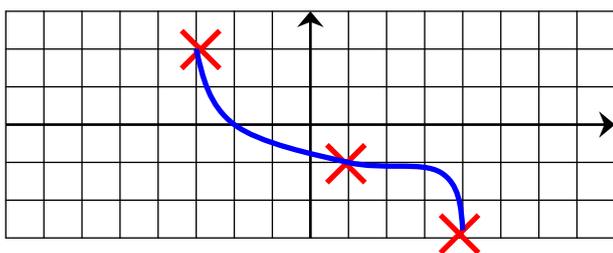
a.

x	-5		6
$f'(x)$		+	
$f(x)$	-1		3



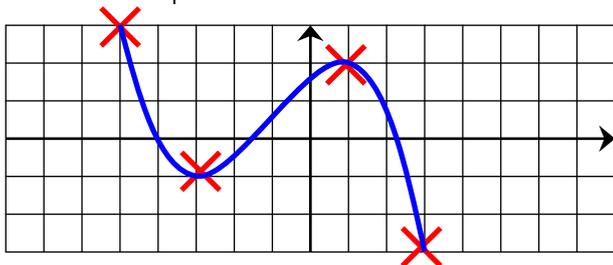
b.

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



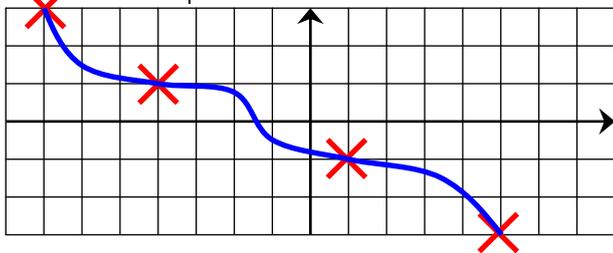
c.

x	-5	-3	1	3	
$f'(x)$	-	0	+	0	-
$f(x)$	3	-1	2	-3	



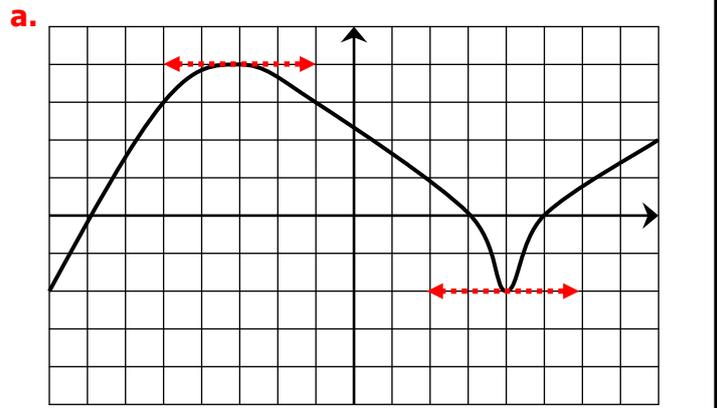
d.

x	-7	-4	1	5	
$f'(x)$	-	0	-	0	-
$f(x)$	3	1	-1	-3	

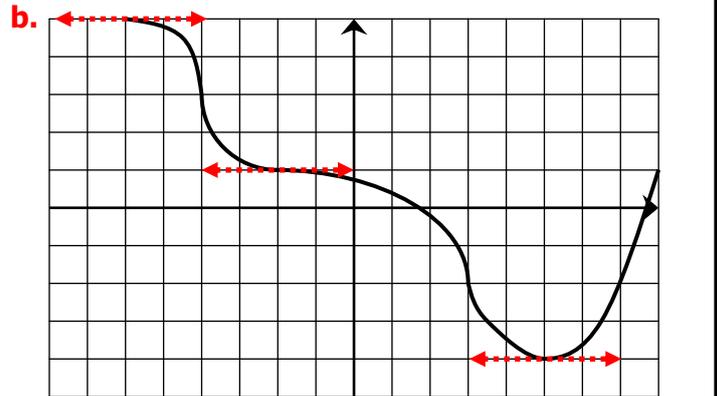


EXERCICE 5A.2

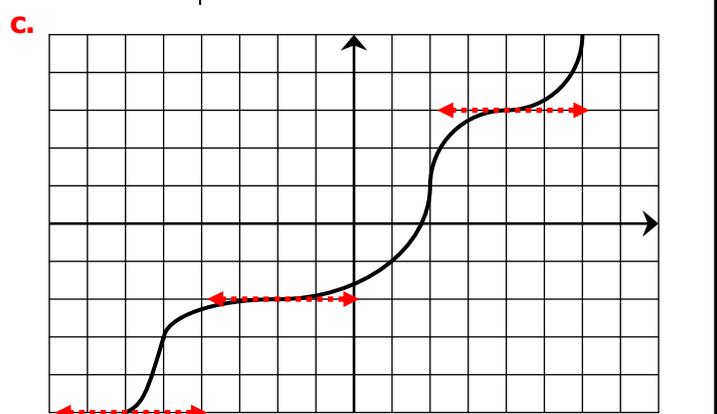
Dresser le tableau de variation complet de chaque fonction à partir de sa courbe.



x	-8	-3	4	8	
$f'(x)$	+	0	-	0	+
$f(x)$	-2	4	-2	2	



x	-6	-2	5	8		
$f'(x)$	0	-	0	-	0	+
$f(x)$	5	1	-4	1		



x	-6	-2	4	6		
$f'(x)$	0	+	0	+	0	+
$f(x)$	-5	-2	3	5		