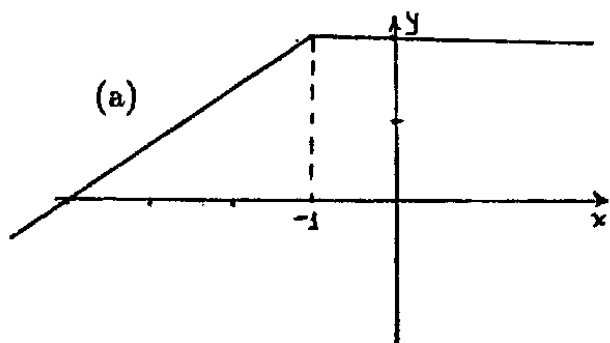


3. Determine as constantes  $a$  e  $b$  para que a função

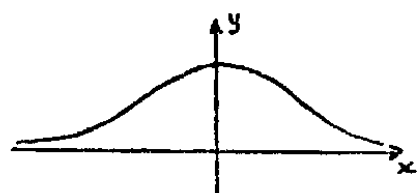
$$g(x) = \begin{cases} ax^2 + b, & x \leq 2 \\ (a+3)x + 5b, & x > 2 \end{cases}$$

seja derivável.

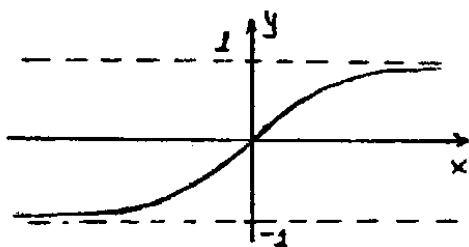
4. Faça a correspondência dos gráficos das funções apresentadas de (a) até (d) com os gráficos de suas derivadas, apresentadas de (A) a (D).



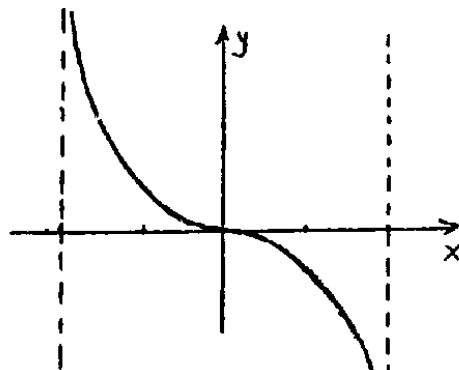
( )



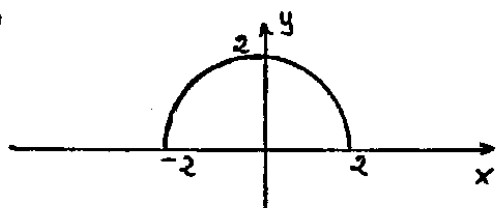
(b)



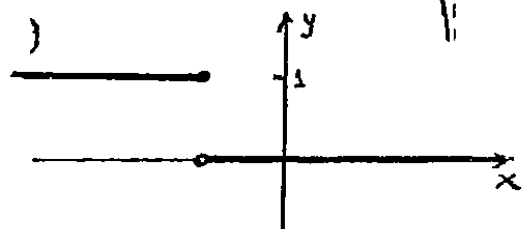
( )



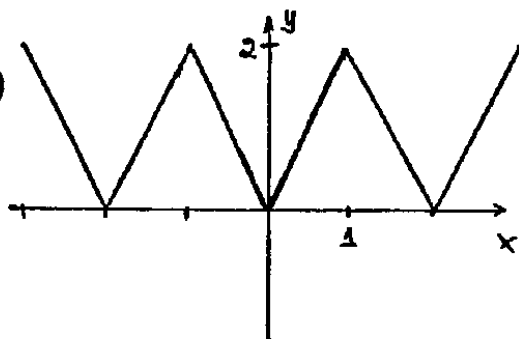
(c)



( )



(d)



( )

