1. Each graph shows the graph of a function *f* (*x*) and its derivative *f*(*x*). Determine which is the function and which is the derivative.
2. Is (A), (B), or (C) the graph of the derivative of the function *f* (*x*) shown?



1. Match the functions in graphs (A)–(D) with their derivatives (I)–(III). Note that two of the functions have the same derivative. Explain why.



1. Of the two functions *f* and *g* which is the derivative of the other? Justify your answer.



1. Match functions (A)–(C) with their derivatives (I)–(III)

