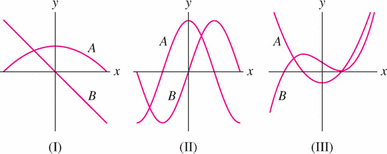
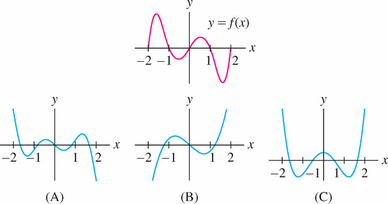
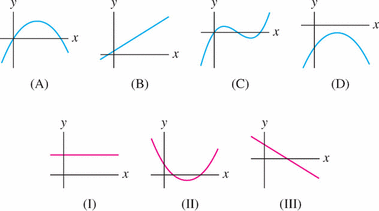
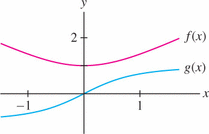
1. [](javascript:top.OpenSupp('calcfigure',3,12,'2'))Each graph shows the graph of a function *f* (*x*) and its derivative *f*http://ebooks.bfwpub.com/rogawskiapet2e/pics/prime.jpg(*x*). Determine which is the function and which is the derivative.
2. Is (A), (B), or (C) the graph of the derivative of the function *f* (*x*) shown?

[](javascript:top.OpenSupp('calcfigure',3,12,'3'))

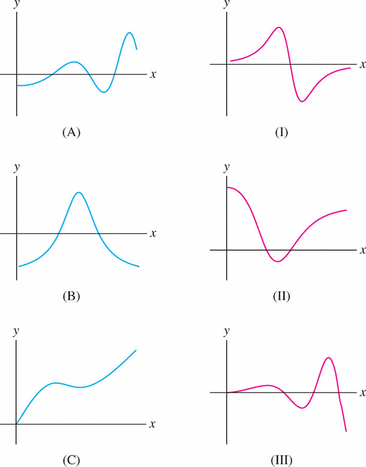
1. Match the functions in graphs (A)–(D) with their derivatives (I)–(III). Note that two of the functions have the same derivative. Explain why.

[](javascript:top.OpenSupp('calcfigure',3,2,'13'))

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

[](javascript:top.OpenSupp('calcfigure',3,2,'14'))

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

[](javascript:top.OpenSupp('calcfigure',3,2,'19'))