Question 5   **(5 marks)**
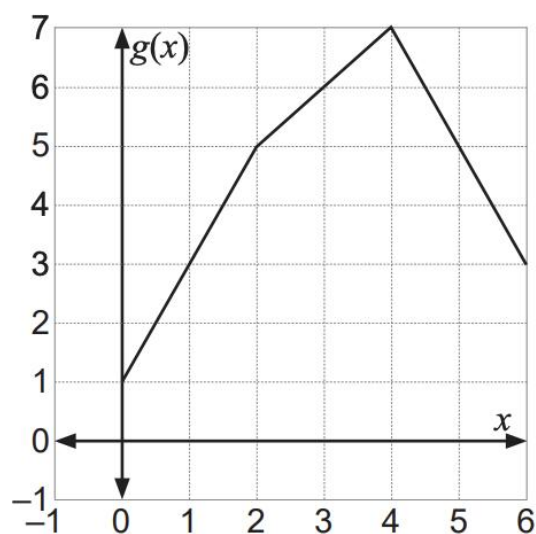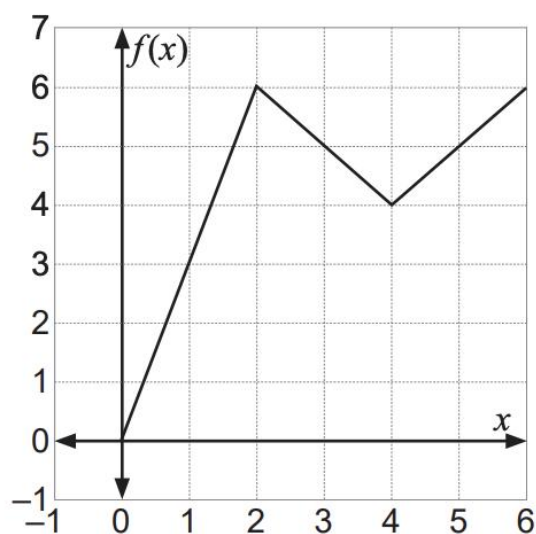
The graphs of the functions f and g are displayed below.

(a)   Evaluate the derivative of $f(x)$ at $x = 3$.   (1 mark)

(b)   Evaluate the derivative of $f(x)g(x)$ at $x = 5$.   (2 marks)

(c)   Evaluate the derivative of $f(g(x))$ at $x = 1$.   (2 marks)