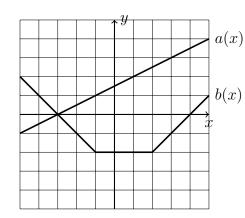
(1) Let f(x) = x - 1 and $g(x) = x^2 + x + 1$. Write down formulas for

(a)
$$f(x) + g(x)$$

- (b) f(x)/g(x)
- (c) f(g(x))
- (d) g(f(x))
- (2) The graphs of two functions a(x) and b(x) are shown below. Find:



- (a) a(3)
- (b) a(-1)-b(-1)
- (c) a(b(0))
- (d) b(a(3))
- (e) b(b(a(1)))

(3) For the same two functions a and b, draw graphs of the following functions.

