(a)	Find expressions for:
	(i) $f(g(x))$ and

(ii)
$$g(f(x))$$
.

5. Functions f and g are given by $f(x) = x^2 - 2$ and g(x) = 3x + 5, $x \in \mathbb{R}$.

(ii)
$$g(f(x))$$
.
(b) Determine the range of values of x for which $f(g(x)) < g(f(x))$.