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		11	-

(4 marks)

Functions f and g are defined as $f(x) = \ln(x)$ and $g(x) = \frac{1}{x}$.

(a) Determine an expression for $g \circ f(x)$.

(1 mark)

(b) For $g \circ f(x)$, state the:

(i) domain.

(2 marks)

(ii) range. (1 mark)