2.   [Maximum mark: 5]

Two functions, f and g, are defined in the following table.

x	-2	1	3	6
$f(x)$	6	3	1	-2
$g(x)$	-7	-2	5	9

(a)   Write down the value of $f(1)$. [1]

(b)   Find the value of $(g \circ f)(1)$. [2]

(c)   Find the value of $g^{-1}(-2)$. [2]

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