

The **Composition** of functions

Given  $f(x)$  and  $g(x)$ , the **composition** of  $f$  with  $g$  is written

$$(f \circ g)x = f(g(x)).$$

$$f(x) = x + 1 \quad g(x) = 2x + 7$$

find  $f(g(3))$

find  $f(g(-3))$

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find  $f(g(h(2)))$

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