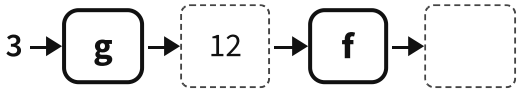
Composite functions *lesson handout*

We do

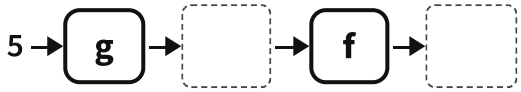
f(x) = x − 2 and g(x) = 4x. Put 3 into g, then put the output into f.



Answer _____

You do

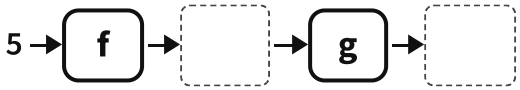
f(x) = 2x and g(x) = x + 6. Put 5 into g, then put the output into f.



Answer _____

You do

f(x) = x^2 and g(x) = x − 4. Put 5 into f, then put the output into g.



Answer _____

We do

f(x) = 2x − 1 and g(x) = x + 4. Find fg(3).

g(3) = 7

_____

_____

Answer _____

You do

f(x) = x^2 and g(x) = x + 2. Find gf(3).

_____

_____

Answer _____

You do

f(x) = 4x + 3 and g(x) = x − 5. Find fg(7).

_____

_____

Answer _____