

Civan that	$f(\omega) = 4a$	ام مر م	~(**) -	F., 2	and b(a)	_ 22	2.
Given that	f(x) = 4x	anu	g(x) =	5x - 2	and $n(x)$	= Zx	•

a) Find an expression for gh(x)

b) Find the value of gh(2)

c) Find an expression for fg(x)

d) Find the value of fg(3)

e) Find an expression for fh(x)

f) Find the value of fh(4)

g) Find an expression for hf(x)

h) Find the value of hf(3)

i) Find an expression for hh(x)

j) Find the value of hh(3)

Practice questions:

Given that f(x) = x + 2 and g(x) = 4 - 2x and $h(x) = x^2 + 5$:

- k) Find the value of x when ff(x) = 24
- I) Find the value of x when fg(x) = 2

- m) Find the value of x when gg(x) = 20
- n) Find the values of x when hf(x) = 30

Exam question:

Given that $f(x) = x^2 + 2x$ and g(x) = x + 2

Write an expression for fg(x)

