

Composite function

If we have two functions $f(x)$ and $g(x)$, we can make a new function by applying f followed by g , namely $h(x) = g(f(x))$. Then h is called a *composite function*, and we write $h = g \circ f$ or $h = gf$.

To be able to do this, we require that the range of f is contained within the domain of g .