12	Decomposition of functions
Joles:	This is the revorse process for computing the
Eg.:	$ \begin{array}{c} O \ y(x) = (x^2 + 1)^5 \\ f(x) = x^5 \\ g(x) = x^2 + 1 \\ y = f \circ g \end{array} $
	$\frac{\partial}{\partial y} \frac{\partial}{\partial y} = \cos^3(x)$ $\frac{\partial}{\partial y} = \cos^3(x)$ $\frac{\partial}{\partial y} = \cos^3(x)$ $\frac{\partial}{\partial y} = \cos^3(x)$ $\frac{\partial}{\partial y} = \cos^3(x)$
	(3) y = Tan (5x) f(x) = tan (x) y = fog. g(x) = 5x
	$(y + y) = \cos(\sqrt{x^2 + 1})$ $f(x) = \cos(x) \qquad y = f \circ y \circ h$ $f(x) = \sqrt{x}$ $h(x) = x^2 + 1$