

The diagram shows two curves. One curve has equation $y = \sin x$ and the other curve has equation y = f(x).

	In order to transform the curve $y = \sin x$ to the curve $y = f(x)$, the curve $y = \sin x$ is first reflected in the <i>x</i> -axis.
	Describe fully a sequence of two further transformations which are required. [4]
(b)	Find $f(x)$ in terms of $\sin x$. [2]
	[2]