1. The point $P(6, -4)$ lies on the curve with equation $y = f(x)$, $x \in \mathbb{R}$

Find the point to which P is mapped when the curve with equation $y = f(x)$ is transformed to the curve with equation

(a) $y = f(x + 2)$

(1)

(b) $y = f^{-1}(x)$

(1)

(c) $y = 2\left|f(x)\right| - 3$

(2)