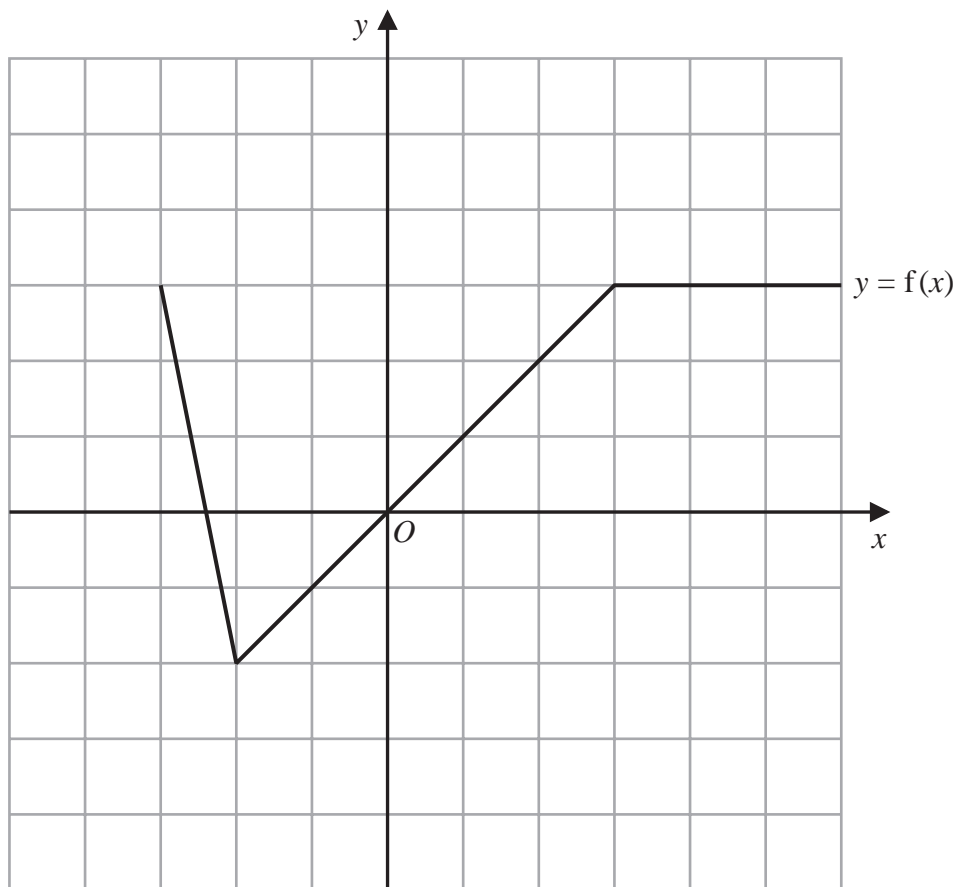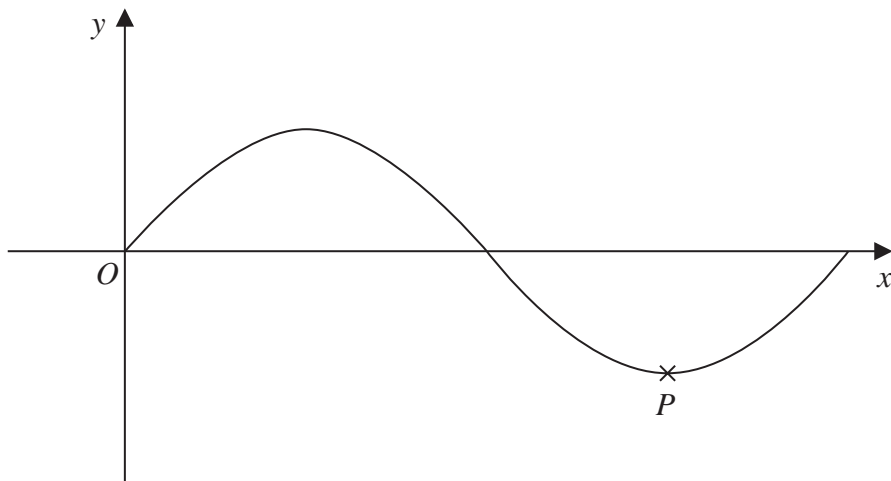**21** Here is the graph of $y = f(x)$

(a) On the grid, draw the graph of $y = -f(x)$

(1)

Here is a sketch of the graph of $y = \sin x°$

The point marked *P* is a turning point on the graph.

The graph of $y = \sin x°$ is translated to give the graph of $y = \sin(x + 180)° + 4$

Following the translation the point *P*, shown on the graph above, moves to point *R*.

(b) Find the coordinates of *R*.

(.............................. , ...)

(3)