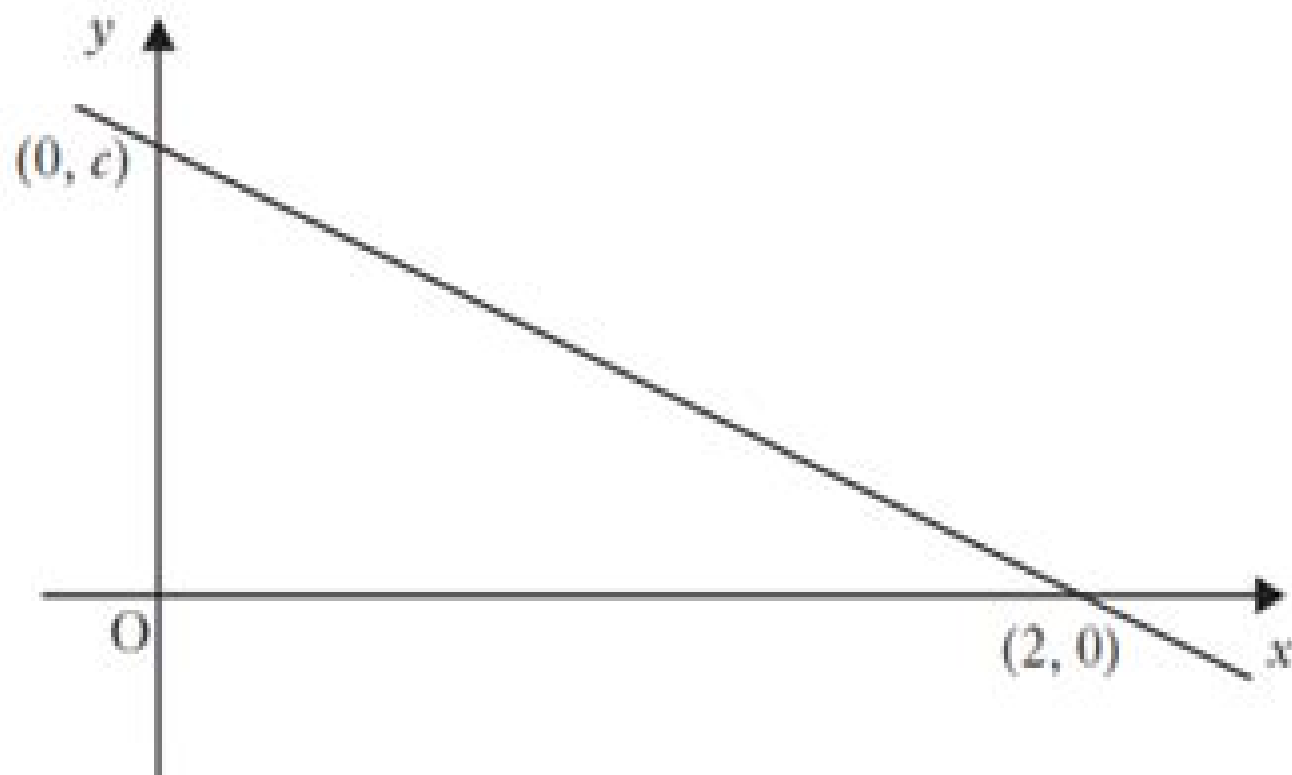


13. Part of the straight line graph of a function  $f(x)$  is shown.



- (a) Sketch the graph of  $f^{-1}(x)$ , showing points of intersection with the axes.
- (b) State the value of  $k$  for which  $f(x) + k$  is an odd function.
- (c) Find the value of  $h$  for which  $|f(x + h)|$  is an even function.

# Advanced Higher Maths 2013 Past Paper

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