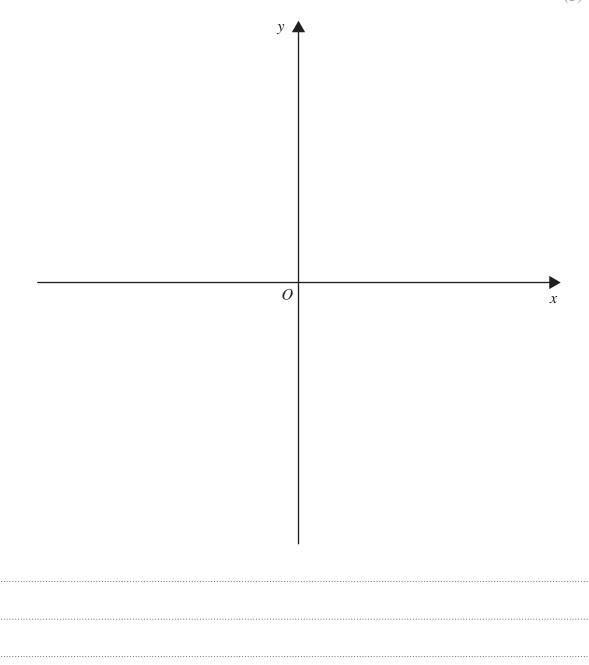
- 7 The curve C has equation $y = -\log_4(x+4)$
 - (a) Using the axes below, sketch the graph of *C*. Label the coordinates of the points of intersection of *C* with the coordinate axes and the equation of any asymptote to *C*.

(4)

(b) Solve the equation $\log_{(x+4)} 256 - \log_4(x+4) = 0$

(5)





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