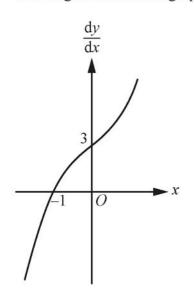
(a) It is given that C has a single stationary point. Determine the nature of this stationary point. [1]

The diagram shows the graph of the **gradient function** for *C*.



**(b)** Given that C passes through the point  $(-1, \frac{1}{4})$ , find the equation of C in the form y = f(x). [5]