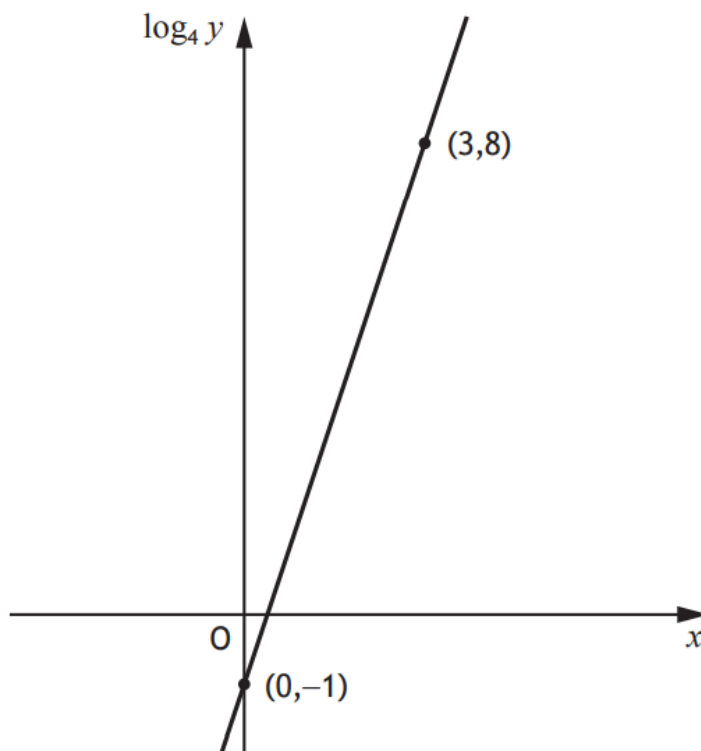


Higher Maths
SQA 2019 Paper 2
Question 12



Two variables, x and y , are connected by the equation $y = ab^x$.

The graph of $\log_4 y$ against x is a straight line as shown.



Find the values of a and b .

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Answer:

$$a = \frac{1}{4}, b = 64$$