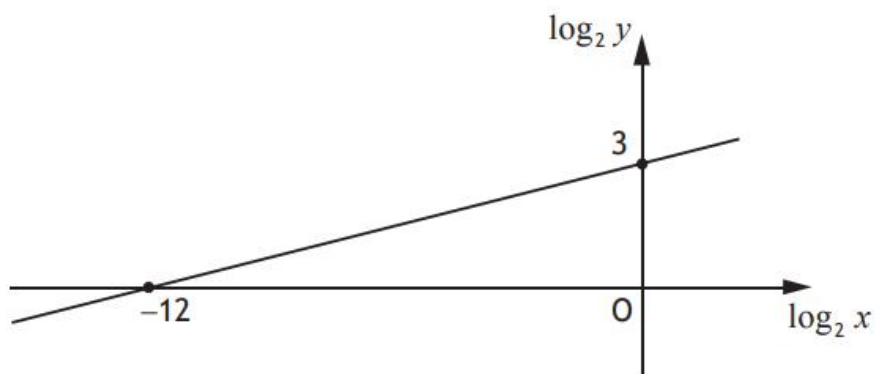


Higher Maths
SQA 2017 Paper 2
Question 9



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

The graph of $\log_2 y$ against $\log_2 x$ is a straight line as shown.



Find the values of k and n .

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Answer:

$$k = 8$$

$$n = \frac{1}{4}$$