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

The graph of $\log_5 y$ against $\log_5 x$ is a straight line as shown.
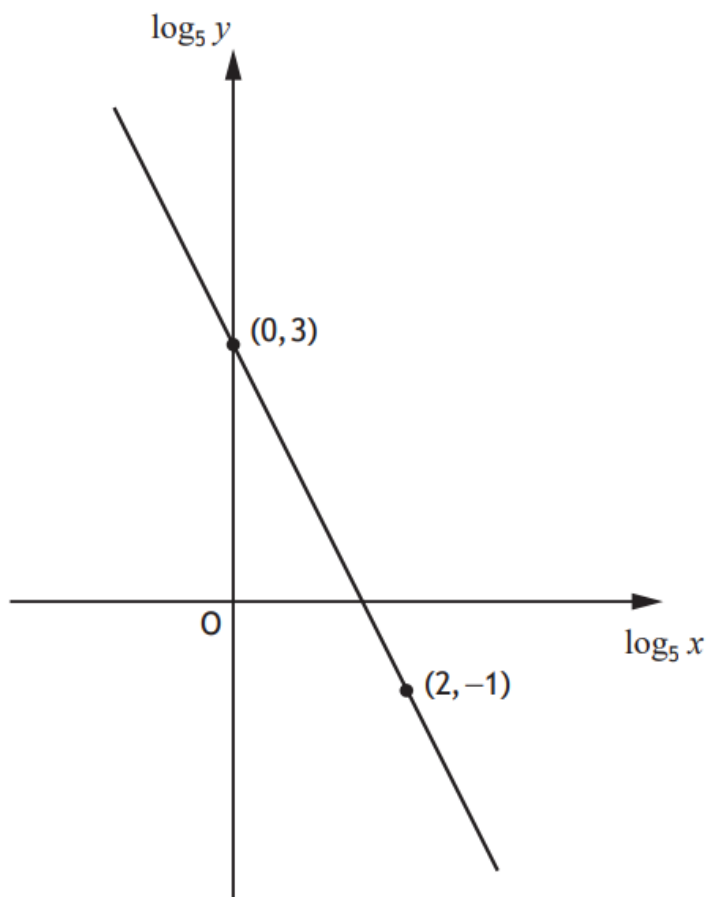
Find the values of k and n.   **5**

Answers:

$k = 125$
$n = -2$