

Higher Maths
SQA 2019 Paper 1
Question 6



Given that $y = \frac{1}{(1-3x)^5}$, $x \neq \frac{1}{3}$, find $\frac{dy}{dx}$.

3

Answer:

$$\frac{dy}{dx} = 15(1-3x)^{-6}$$