

Higher Maths
SQA 2023 Paper 1
Question 1



Given that $y = x^{\frac{5}{3}} - \frac{10}{x^4}$, where $x \neq 0$, find $\frac{dy}{dx}$.

3

Answer:

$$\frac{5}{3}x^{\frac{2}{3}} + 40x^{-5}$$

(or equivalent)