

Advanced Higher Maths
SQA 2016 Paper
Question 9



Obtain $\int x^7 (\ln x)^2 dx$.

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Answer:

$$\frac{1}{8} x^8 (\ln x)^2 - \frac{1}{32} x^8 (\ln x) + \frac{1}{256} x^8 + c$$