

Enter a function

Function Variable from to

$$\begin{aligned}\int x^2 e^x dx \\&= x^2 e^x - \int 2x e^x dx \\&= x^2 e^x - 2 \int x e^x dx \\&= x^2 e^x - 2x e^x + 2 \int e^x dx \\&= x^2 e^x - 2x e^x + 2 e^x\end{aligned}$$

The exp rule has been applied.

☒ Show Hints