

$$\int x \cdot e^x dx =$$

INT-S1-015

PER PARTI :

$$= (\int e^x) \cdot x - \int (\int e^x) (Dx) dx =$$

$$= e^x \cdot x - \int e^x dx =$$

$$= \boxed{x \cdot e^x - e^x + k}$$