

Integration by Parts

$$\int x \sin(5x) dx \quad \text{أوجد:}$$

$$\int 3x e^{2x+1} dx$$

$$\int 4x e^{-5x} dx$$

$$\int \ln \sqrt[4]{x} dx$$

$$\int (x+1) \ln(x+1) dx$$

$$\int (\ln(x))^2 dx$$

$$\int x^2 \cos x dx \quad \text{أوجد:}$$

$$\int x^2 e^x dx \quad \text{أوجد:}$$

$$\int e^x \sin x dx$$

$$\int (2x+1) \ln x dx$$