



Calcule :

(1) $\int x.\cos(4x)dx$

(2) $\int x.e^{-x}dx$

$$(3) \int 2x^2 \cdot e^x dx$$

$$(4) \int x^3 \cdot \ln x dx$$

(5) $\int \arcsin x \, dx$

(6) $\int \sin^3 x \, dx$

$$(7) \int \ln(2x+1) dx$$

$$(8) \int x^2 \cdot \arctan x dx$$