

INTEGRACION POR SUSTITUCION

$$\int \text{sen}(5x) dx$$

$$\frac{1}{8} \text{sen}(8x) + c$$

$$\int x^4 \sqrt{x^5 + 5} dx$$

$$\frac{1}{8} (x^2 + 3)^4 + c$$

$$\int x(x^2 + 3)^3 dx$$

$$2 \ln^2(x) + c$$

$$\int \cos(8x) dx$$

$$\frac{2}{15} (x^5 + 5)^{\frac{3}{2}} + c$$

$$\int \frac{2 \ln(x^2)}{x} dx$$

$$-\frac{1}{5} \cos(5x) + c$$