

Ejercicios de integrales inmediatas

$$1 \int \cos x \sqrt{\operatorname{sen} x} dx$$

$$2 \int \sec^3 x \operatorname{tg} x dx$$

$$3 \int \frac{dx}{\sqrt{x} \cos^2 \sqrt{x}}$$

$$4 \int \frac{dx}{x(1+\ln x)^3}$$

$$5 \int \frac{\operatorname{sen}^2 x}{\cos^4 x} dx$$

$$6 \int \frac{\operatorname{sen} x + \operatorname{tg} x}{\cos x} dx$$

$$7 \int \frac{dx}{\operatorname{sen} x \cos x}$$

$$8 \int \sqrt{x} \sqrt{x} dx$$

$$9 \int \sqrt[3]{x} \sqrt{\frac{2}{x}} dx$$

$$10 \int \frac{\cos x}{\sqrt{\operatorname{sen}^2 x}} dx$$

$$11 \int \frac{\operatorname{sen} x - \cos x}{\operatorname{sen} x + \cos x} dx$$

$$12 \int \frac{dx}{(1+x^2) \operatorname{arc} \operatorname{tg} x}$$

$$13 \int \frac{\sec^2 x}{1+\operatorname{tg}^2 x} dx$$

$$14 \int \frac{(2 \ln x)^2}{4x} dx$$

$$15 \int \frac{\ln x^2}{x} dx$$

$$16 \int \frac{dx}{\sqrt{x} \cos^2 \sqrt{x}}$$

$$17 \int \frac{4^x + 5 \cdot 16^x}{1 + 16^x} dx$$

$$18 \int \frac{\operatorname{tg} \sqrt{x}}{\sqrt{x}} dx$$

$$19 \int \frac{\sqrt{7 + 2 \operatorname{tg} x}}{\cos^2 x} dx$$

$$20 \int \frac{dx}{x \sqrt{1 - \ln^2 x}}$$