

Solución

$$\int \frac{3}{x^2} - 1 dx$$

$$= \int 3x^{-2} - 1 dx$$

$$= 3 \int x^{-2} dx - \int 1 dx$$

$$= 3 \left(\frac{x^{-2+1}}{-2+1} \right) - x + C$$

$$= 3 \frac{x^{-1}}{-1} - x + C$$

$$= -3x^{-1} - x + C$$

$$= \frac{-3}{x} - x + C$$

$$\frac{d}{dx} x^n = n(x^{n-1})$$

$$\int x^n dx = \frac{x^{n+1}}{n+1}$$

$$\int c dx = cx$$