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[> restart
[> Ecuacion := diff(y(x), x) = y(x)
                                Ecuacion :=  $\frac{d}{dx} y(x) = y(x)$  (1)
[> SolucionGeneral := dsolve(Ecuacion)
                                SolucionGeneral :=  $y(x) = c_1 e^x$  (2)
[> Ecuacion
                                 $\frac{d}{dx} y(x) = y(x)$  (3)
[> Solucion := int( $\frac{1}{y}$ , y) = int(1, x)
                                Solucion :=  $\ln(y) = x$  (4)
[> SolGral := isolate(Solucion, y)
                                SolGral :=  $y = e^x$  (5)
[> SolGralDos := y(x) = _C1·rhs(SolGral)
                                SolGralDos :=  $y(x) = c_1 e^x$  (6)
[> Comprobacion := eval(subs(y(x) = rhs(SolGralDos), lhs(Ecuacion) - rhs(Ecuacion) = 0))
                                Comprobacion :=  $0 = 0$  (7)
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