> *restart*

>

_C1

> $SolucionGeneral := y(x)^2 (1 - y(x)) = (x - \_C1)^2$

$$SolucionGeneral := y(x)^2 (1 - y(x)) = (x - \_C1)^2 \qquad \textbf{(1)}$$

> $Parametro := simplify(isolate(diff(SolucionGeneral, x), \_C1))$

$$Parametro := \_C1 = -y(x)\left(\frac{d}{dx}\,y(x)\right) + \frac{3}{2}\,y(x)^2\left(\frac{d}{dx}\,y(x)\right) + x \qquad \textbf{(2)}$$

> $Ecuacion := subs(\_C1 = rhs(Parametro), SolucionGeneral)$

$$Ecuacion := y(x)^2 (1 - y(x)) = \left(y(x)\left(\frac{d}{dx}\,y(x)\right) - \frac{3}{2}\,y(x)^2\left(\frac{d}{dx}\,y(x)\right)\right)^2 \qquad \textbf{(3)}$$

> $comprobacion_1 := simplify(eval(subs(y(x) = 1, Ecuacion)))$

$$comprobacion_1 := 0 = 0 \qquad \textbf{(4)}$$

>

>

>