```
> restart
> Ecuacion := y'(x) - 15·y(x) = 0
```

$$Ecuacion := \frac{d}{dx} y(x) - 15\, y(x) = 0 \quad (1)$$

```
> SolGral := y(x) = C1·exp(15·x)
```

$$SolGral := y(x) = C_1\, e^{15\,x} \quad (2)$$

```
> Solucion := dsolve(Ecuacion)
```

$$Solucion := y(x) = \_C1\, e^{15\,x} \quad (3)$$

```
> Comprobacion1 := eval(subs(y(x) = rhs(SolGral), Ecuacion))
```

$$Comprobacion_1 := 0 = 0 \quad (4)$$

```
> restart
> Ecuacion := y'(x) + y(x)/(x··2) = 0
```

$$Ecuacion := \frac{d}{dx} y(x) + \frac{y(x)}{x^2} = 0 \quad (5)$$

```
> p := 1/(x··2)
```

$$p := \frac{1}{x^2} \quad (6)$$

```
> SolucionGeneral := y(x) = C1·exp(-int(p, x))
```

$$SolucionGeneral := y(x) = C_1\, e^{\frac{1}{x}} \quad (7)$$

```
> SolGral := dsolve(Ecuacion)
```

$$SolGral := y(x) = \_C1\, e^{\frac{1}{x}} \quad (8)$$

```
> Ecuacion
```

$$\frac{d}{dx} y(x) + \frac{y(x)}{x^2} = 0 \quad (9)$$

```
> Comprobacion1 := eval(subs(y(x) = rhs(SolucionGeneral), Ecuacion))
```

$$Comprobacion_1 := 0 = 0 \quad (10)$$

```
>
```