

```

[> restart
[
> F :=  $\frac{s}{(s \cdot 2 + 16) \cdot 2}$ 
[
[
> with(inttrans) :
> f := invlaplace(F, s, t)
[
[
> Conv :=  $\frac{1}{4} \cdot \int (\sin(4 \cdot \text{tau}) \cdot \cos(4(t - \text{tau})), \text{tau} = 0..t)$ 
[
[
>

```

$$F := \frac{s}{(s^2 + 16)^2} \quad (1)$$

$$f := \frac{1}{8} t \sin(4 t) \quad (2)$$

$$Conv := \frac{1}{8} t \sin(4 t) \quad (3)$$