

Enter a function

Function Variable 

$$\begin{aligned} & \frac{d}{dx}(x^2 \cos(x)) \\ &= \left( \frac{d}{dx}(x^2) \right) \cos(x) + x^2 \left( \frac{d}{dx} \cos(x) \right) \\ &= 2x \cos(x) + x^2 \left( \frac{d}{dx} \cos(x) \right) \\ &= 2x \cos(x) - x^2 \sin(x) \end{aligned}$$

Click on any button to apply a rule.

☒ Show Hints