$$\mathcal{L}(f) = 2s^{-3}$$

$$\mathcal{L}(g) = 24 s^{-5}$$

$$\mathcal{L}(f \cdot g) = \mathcal{L}(f) \cdot \mathcal{L}(g) = 2s^{-3} \cdot 24 s^{-5} = 48 s^{-8}$$

$$\mathcal{L}^{-1}(f \cdot g) = \frac{1}{105} \cdot t^{7} \theta(t)$$

$$\underline{\underline{v = \frac{1}{105} \cdot t^{7} \theta(t)}}$$