

$$\begin{aligned}
& \frac{3t}{2} \cdot \frac{7t^2}{3} - 8t \cdot \frac{3}{4}t + \frac{4}{7}t - \\
& t \cdot 2t - t^2 \cdot 3,5t - 2 = \\
& = 3,5t^3 - 12t^2 + \frac{4}{7}t - 2t^2 - \\
& - 3,5t^3 - 2 = -14t^2 + \frac{4}{7}t - 2 = \\
& = - \left(14t^2 - \frac{4}{7}t + 2 \right)
\end{aligned}$$