$$
\begin{aligned}
\Delta(mg) &= \Delta(m) * g \\
\Delta(ma) &= (ma)\left(\frac{\Delta(m)}{(m)} + \frac{\Delta(a)}{(a)}\right) \\
\Delta(T) &= \Delta(mg) + \Delta(ma) \\
\Delta(\tau) &= \tau\left(\frac{\Delta(R)}{(R)} + \frac{\Delta(T)}{(T)}\right) \\
\Delta(\alpha) &= \alpha\left(\frac{\Delta(a)}{(a)} + \frac{\Delta(R)}{R}\right) \\
\Delta(I) &= I\left(\frac{\Delta(\tau)}{\tau} + \frac{\Delta(\alpha)}{\alpha}\right) \\
\Delta(I_{\text{weights}}) &= \Delta(I_{\text{bar.plus.weights}}) + \Delta(I_{\text{bar}})
\end{aligned}
$$