

Exercise 7: `\label` After `\end{equation}`

$$E = mc^2 \tag{1}$$

$$F = ma \tag{2}$$

Reference to equation 1 (incorrect)

Reference to equation 2 (correct)

Result:

- `\label` after `\end{equation}` → incorrect reference (usually to previous section)
- `\label` inside the `equation` environment → correct reference to the equation