

## Solution to [Exercise 2.1-1](#) "Find the Mistake"

▀ The binomial coefficient in Hayes and Stoneham is written as

$$P_L = \frac{M!}{(N - n)!}$$

Illustration

▀ The correct formula, of course, is

$$P_L = \frac{M!}{(N - n)! \cdot n!}$$

▀ This is obviously a typo, otherwise one set of brackets would not have been necessary.

● The final result is correct anyway, because the next equation (3.5) contains the complete formula.