

4.17
2

(1c) $C_{10}^3 C_4^1 = 120 \times 4 = 480$ (A) $178,200 = 2^3 \cdot 3^4 \cdot 5^2 \cdot 11$

\downarrow \downarrow
A \times B

4.18 $C_{10}^2 C_4^1 = 45 \times 4 = 180$ (A) $4 \cdot 5 \cdot 3 \cdot 2 = 120$ (B)