Exercises

3.241 [O3C] Let C be a set, I a family of indices, and B sets for $i \in I$ with $|B_i| = |C|$; then show that

$$|\mathcal{B}| = |C^I|$$

where $\mathcal{B} = \prod_{i \in I} B_i$.

Solution 1. *[O3D]*