

Homework 12

Deadline: Tuesday, January 20 at 14:00.

Please submit your solutions either on paper at the beginning of the practicals or as a pdf-file in <https://owl.mff.cuni.cz/>. Everything that is not immediately obvious needs to be proved or quoted from lecture notes.

Note that you should solve only one of the following questions below.

1. Determine how many ways n colours can colour the faces of the cube up to rotations.