



LEWIS AND CLARK COLLEGE

Department of Mathematical Sciences

PUZZLE OF THE WEEK (1/20/2016 - 1/26/2015)

Edges of a regular hexagon are to be colored in blue or red. We consider two colorings to be the same if there is a rotation, reflection or a composition of rotations and reflections which converts one coloring to the other. Determine the number of distinct colorings of the hexagon. Justify your answer.

Solvers should include their full name and some kind of a contact information. Solutions should be submitted to **Iva Stavrov** in BoDine 305; email submissions are encouraged (istavrov at lclark). Solutions should be received by the end of the day on **Tuesday, January 26th 2016**.