General Mathematics and Computational Science II

Exercise 9

March 8, 2007

Draw an ornament each to illustrate the seven cases of symmetry groups listed in Ivanov, p. 41/42. (We have discussed cases 1–5 in class, 6–7 are not very much different.)

Make sure that your example has *only* the symmetries of the given group. E.g., an example for case 2 shall not be considered a valid example for case 1 because it has additional symmetries.

The examples shall be combined into individually graded questions as follows:

1. Cases 1–4

2. Cases 5, 7

3. Case 6