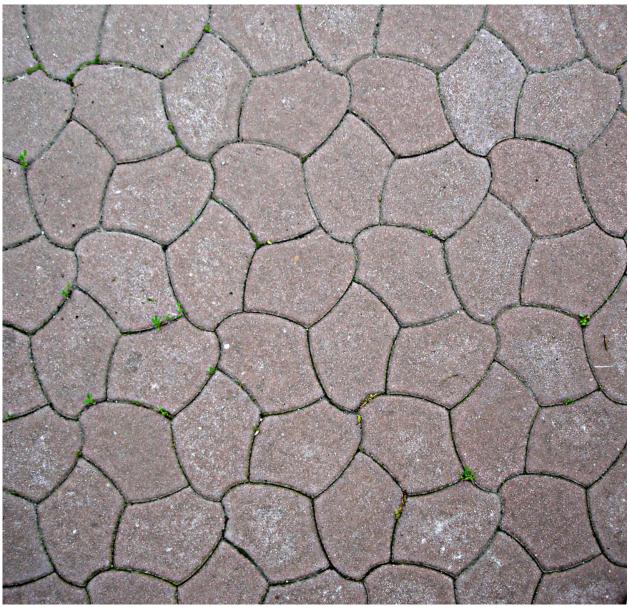
$\begin{array}{c} \text{Math 3140} - \text{Fall 2012} \\ \text{Handout } \#1 \end{array}$

The multiplication table of D_3 : α and β are counterclockwise rotations by 120° and 240°, respectively; γ_i is the reflection through the line through the point labelled i (the points are labelled in couterclockwise order).

Describe all rigid transformations that are symmetries of the figure below:



Source: http://en.wikipedia.org/wiki/Tessellation.