2. Let $R=R_{120}, R^{2}=R_{240}, F$ a reflection across a vertical axis, $F^{\prime}=R F$ and $F^{\prime \prime}=R^{2} F$

|  | $R_{0}$ | $R$ | $R^{2}$ | $F$ | $F^{\prime}$ | $F^{\prime \prime}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $R_{0}$ | $R_{0}$ | $R$ | $R^{2}$ | $F$ | $F^{\prime}$ | $F^{\prime \prime}$ |
| $R$ | $R$ | $R^{2}$ | $R_{0}$ | $F^{\prime}$ | $F^{\prime \prime}$ | $F$ |
| $R^{2}$ | $R^{2}$ | $R_{0}$ | $R$ | $F^{\prime \prime}$ | $F$ | $F^{\prime}$ |
| $F$ | $F$ | $F^{\prime \prime}$ | $F^{\prime}$ | $R_{0}$ | $R^{2}$ | $R$ |
| $F^{\prime}$ | $F^{\prime}$ | $F$ | $F^{\prime \prime}$ | $R$ | $R_{0}$ | $R^{2}$ |
| $F^{\prime \prime}$ | $F^{\prime \prime}$ | $F^{\prime}$ | $F$ | $R^{2}$ | $R$ | $R_{0}$ |

16. Let the distance from a point on one $H$ to the corresponding point on an adjacent $H$ be one unit. Then translations of any number of units to the right or left are symmetries; reflection across the horizontal axis through the middle of the $H$ 's is a symmetry; reflection across any vertical axis midway between two $H$ 's or bisecting any $H$ is a symmetry. All other symmetries are compositions of finitely many of those already described. The group is non-Abelian.
