1. Let $\ell$ be the line $y = -\frac{1}{\sqrt{3}}x + \frac{2}{\sqrt{3}}$. Let $\alpha = \sigma_\ell \rho(0, \frac{\pi}{3})$. Write $\alpha$ in standard form (i.e., as a translation, rotation, reflection, or glide reflection in standard form).

2. Let $\alpha = \rho([\frac{1}{\sqrt{3}}, \frac{2}{\sqrt{3}}]) \rho(0, \frac{\pi}{3})$. Write $\alpha$ in standard form (i.e., as a translation, rotation, reflection, or glide reflection in standard form).