1. In Henle 4.3, explain the geometric meaning of $a(z_1, z_2)$. Your answer should explain what $a(z_1, z_2) = a(z_3, z_4)$ means in geometric terms. Full rigor is not required, but a coherent explanation is needed.

2. Henle 5.3

3. Henle 5.4

4. Henle 5.8

5. Henle 5.10

6. Henle 5.13 (This is short!)

7. Henle 5.14

8. Henle 5.17