MATH 403 FALL 2021: HOMEWORK 5

1. Exercise 2.3

2. Exercise 2.4(i)

3. Exercise 2.5: Let $\ell_{AA'}$, $\ell_{BB'}$, $\ell_{CC'}$ be three lines concurrent in D. If $\ell_{AB} \parallel \ell_{A'B'}$, $\ell_{BC} \parallel \ell_{B'C'}$, then prove $\ell_{AC} \parallel \ell_{A'C'}$.

4. Exercise 2.6

5. Exercise 2.8

6. Exercise 2.9