

RYERSON UNIVERSITY
MTH 714 LAB#10
DAY: NOVEMBER 13, 2008

1. Exercise 1 from 7.9

2. Exercise 4 from 7.9.

3. Given the substitutions

$$\sigma_1 = \{x \leftarrow y, y \leftarrow b, z \leftarrow f(x)\}, \quad \sigma_2 = \{x \leftarrow g(a), y \leftarrow x, w \leftarrow c\}$$

find the compositions $\sigma_1\sigma_2$ and $\sigma_2\sigma_1$.

4. Exercise 6 from 7.9.

5. Exercise 8 from 7.9.