

MATHEMATICS 2270. Homework # 2.

1. §2.1, # 6.
2. §2.1, # 20.
3. §2.2, # 24 (a, b).
4. §2.3, # 26.
5. §2.3, # 38.
6. Compute the product of matrices:

$$\begin{bmatrix} 1 & 0 & 0 \end{bmatrix} \begin{bmatrix} a & b & c \\ d & e & f \\ g & h & k \end{bmatrix} \begin{bmatrix} 0 \\ 1 \\ 0 \end{bmatrix}.$$