Math 411 Spring 2016 Homework #3

Due Feb. 16, Tue in class

1. Textbook, 1.C, page 24: 15, 19;

2. Textbook, 2.A, page 37: 1, 6, 8, 15;

3. Let S be a subspace of the vector space V over the field F, and $0 \neq \lambda \in F$. Show that $S = \lambda S$.

More practice problems: *Do not submit*

1. Let S be a subspace of V. Show that $S - S = S$.

2. Textbook, 1.C, page 24: 16, 17, 18.